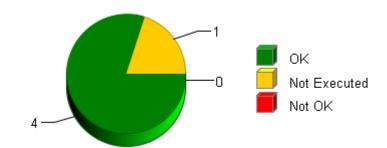


Summary

Overall Test Object Results (including Coverage)



Date: 2014-09-19 **Time:** 20:10:31+0530



Selected Project Items

Test Object "CBD_UnitTest/VehDyn/Autocenter_f32" Test Object "CBD_UnitTest/VehDyn/VehDyn_Init1" Test Object "CBD_UnitTest/VehDyn/VehDyn_Per1" Test Object "CBD_UnitTest/VehDyn/VehDyn_SCom" Test Object "CBD_UnitTest/VehDyn/VehDyn_Trns1"

Used Test Environments

TI TMS 570 PLS UDE (Default)

Batch Operation Settings

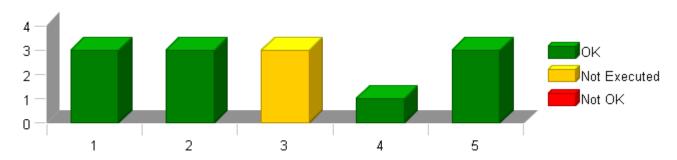
Check Interface: No
Generate Driver: Yes
Execute Test: Yes
Create New Test Run: No

Instrumentation: Test Object Only

Coverage: Statement Coverage, Branch Coverage, Modified Condition / Decision Coverage,

Multiple Condition Coverage

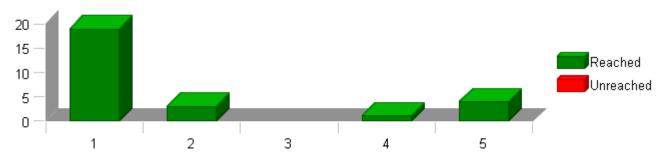
Test Case Results for Each Test Object (without Coverage)



The table above shows each test object on the x axis and the number of test cases of the respective test object on the y axis. Each bar is divided into passed, not executed and failed test cases. The test case results do not take into account any coverage result (i.e. if all test cases of a test object are passed in this table but the coverage is failed, the overall test object result will be failed).

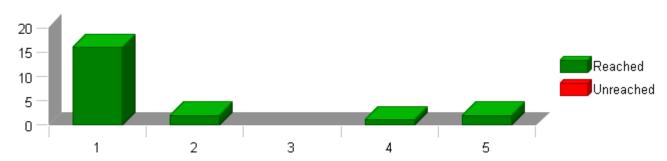


Statement (C0) Coverage: Total Statements for Each Test Object



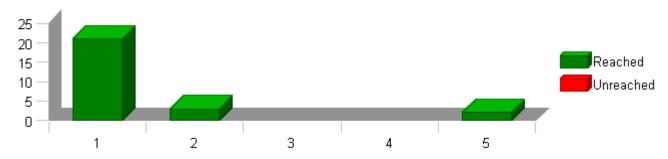
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

Branch (C1) Coverage: Total Branches for Each Test Object



The table above shows each test object on the x axis and the number of branches of the respective test object on the y axis. Each bar is divided into reached branches (i.e. branches that have been executed during the test) and unreached branches.

MC/DC Coverage: Total Condition Combinations for Each Test Object

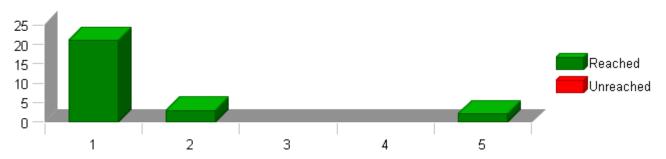


The table above shows test objects on the x axis and the number of condition combinations of all decisions of the respective test object on the y axis. The number of condition combinations is based on the number of boolean conditions within each decision of the test object. To achieve full MC/DC coverage, each decision requires all contained atomic conditions to evaluate to both true and false independently of all other conditions. The cumulated number of rows within such tables of condition combinations is what is displayed in this table.

Each bar is divided into reached condition combinations (i.e. combinations of boolean condition values that have been executed during the test) and unreached condition combinations.



MCC Coverage: Total Condition Combinations for Each Test Object



The table above shows test objects on the x axis and the number of condition combinations of all decisions of the respective test object on the y axis. The number of condition combinations is based on the number of boolean conditions within each decision of the test object. To achieve full MCC coverage, each decision requires all contained atomic conditions to evaluate to all possible combinations of true and false values. The cumulated number of rows within such tables of condition combinations is what is displayed in this table.

Each bar is divided into reached condition combinations (i.e. combinations of boolean condition values that have been executed during the test) and unreached condition combinations.



Test Object List

The following table lists all test objects with their test case and coverage results. The cumulated results for modules, folders and test collections are also displayed, the indentation within the name column indicates the parent relationship of the elements.

Please note that only test objects are numbered within the first column. This number is referenced on the x axis within the overview charts for test case and coverage results available on previous pages (if included into the report).

No.	Name	C0	C1	MC/DC	МСС	Test Cases	Result
	VehDyn	100 %	100 %	100 %	100 %	10 of 13 passed	•
	CBD_UnitTest	100 %	100 %	100 %	100 %	10 of 13 passed	•
	VehDyn	100 %	100 %	100 %	100 %	10 of 13 passed	~
1	Autocenter_f32	100 %	100 %	100 %	100 %	3 of 3 passed	•
2	VehDyn Init1	100 %	100 %	100 %	100 %	3 of 3 passed	~
3	<u>VehDyn_Per1</u>	-	-	-	-	-	A
4	<u>VehDyn SCom</u>	100 %	100 %	-	-	1 of 1 passed	~
5	VehDyn Trns1	100 %	100 %	100 %	100 %	3 of 3 passed	•

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 Project
 VehDyn

 Module
 VehDyn

 Test Object
 VehDyn_SCom

Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Branch (C1) Coverage	100 %

Statistics

Total Testcases	1	
Successful	1	~
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\VehDyn	
Configuration File	D:\Synergy_Work_Area\VehDyn\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml	
Target Environment	TI TMS 570 PLS UDE (Default)	
Kind of Test	Unit Test	
Linker Options		
Source File(s)		
File	\$(PROJECTROOT)\VehDyn\src\Ap_VehDyn.c	
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -Dexpf=exp -l\$(PROJECTROOT)\VehDyn\utp\contract\Ap_VehDyn -l\$(PROJECTROOT)\VehDyn \utp\contract -l\$(PROJECTROOT)\NxtrLib\include -l\$(PROJECTROOT)\StdDef\include -l\$(ProgramFiles)\Texas Instruments\ccsv4\tools \compiler\tms470\include	

Name	Text
Module 'VehDyn'	Name of Tester:Sunita Kore Code File(s) Under Test:Ap_VehDyn.c Code File(s) Version:3 Module Design Document:VehDyn_MDD.docx Module Design Document Version:4 Data Dictionary Version:5 Unit Test Plan Version:2 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30
	Total FLASH Used (Bytes):2054 Total RAM Used (Bytes):188 Total CALS Used (Bytes):107 Special Test Requirements: Test Date:9/19/2014 Comments:"NOTE1: Inline function defined in ""GlobalMacro.h"" are not unit tested. NOTE2: ""CBD_Sandbox_dbg.map"" map file is embedded for refernce. NOTE3:Regarding DD Modification:-
	DD: Received Version: 4 Modified version: 5 Range of variables "VehDyn_MinOffset_HwDeg_M_f32" and "VehDyn_MaxOffset_HwDeg_M_f32" are updated in DD with highlighted portion. "

Attributes				
Name	Value			
Compiler Install Path	<pre>\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5</pre>			
Float Precision	9			
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj			
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src			
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd			
Makefile Template	<pre>\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl</pre>			

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VehDyn_SCom



Attributes				
Name	Value			
Target Install Path	<pre>\$(ProgramFiles)\pls\UDE 3.2</pre>			
Time Unit	Cycles			
Timer Enabled	false			
Timer Prescale	0			
Timer Resolution	1			
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_uDE_12PIN_JTAG.cfg			
Workspace File	D:\Synergy_Work_Area\VehDyn\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP			

Description



Test Case 1: Boundary Test

Specification

Performance Metrics: (With "None" Instrumentation and "WithPS" Environment)

CPU Cycles:

TS1.1 589.00 Cycles

Vector Description: TS1.1Initialization

Test Step 1.1 (Repeat Count = 1)			✓	
Name	Input Value			
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn		
target_Rte_Inst_Ap_VehDyn.Pim_MotPosReset	target_Pim_MotPosReset	target_Pim_MotPosReset		
Name	Actual Value	Expected Value	Result	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0	0	~	
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	0	0	✓	

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	~

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Project	VehDyn
Module	VehDyn
Test Object	VehDyn_Init1

Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Branch (C1) Coverage	100 %
MCC Coverage	100 %
MC/DC Coverage	100 %

Statistics

Total Testcases	3	
Successful	3	✓
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\VehDyn
Configuration File	D:\Synergy_Work_Area\VehDyn\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\VehDyn\src\Ap_VehDyn.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -Dexpf=exp -l\$(PROJECTROOT)\VehDyn\utp\contract\Ap_VehDyn -l\$(PROJECTROOT)\VehDyn\utp\contract\-l\$(PROJECTROOT)\NxtrLib\include -l\$(PROJECTROOT)\StdDef\include -l\$(ProgramFiles)\Texas Instruments\ccsv4\tools \compiler\tms470\include

ame	Text
odule 'VehDyn'	**************************************
	Name of Tester:Sunita Kore
	Code File(s) Under Test:Ap_VehDyn.c
	Code File(s) Version:3
	Module Design Document:VehDyn_MDD.docx Module Design Document Version:4
	Data Dictionary Version:5
	Unit Test Plan Version:2
	Optimization Level:Level 2
	Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro
	Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30
	Total FLASH Used (Bytes):2054
	Total RAM Used (Bytes):188
	Total CALS Used (Bytes):107
	Special Test Requirements: Test Date:9/19/2014
	Comments:"NOTE1: Inline function defined in ""GlobalMacro.h"" are not unit tested.
	NOTE2: ""CBD_Sandbox_dbg.map"" map file is embedded for refernce.
	NOTE3:Regarding DD Modification:-
	DD:
	Received Version: 4 Modified version: 5
	Range of variables "VehDyn_MinOffset_HwDeg_M_f32" and "VehDyn_MaxOffset_HwDeg_M_f32" are updated in DD with highlighted portion.

Attributes	
Name	Value
Compiler Install Path	<pre>\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5</pre>
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src





Attributes	
Name	Value
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2
Time Unit	Cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\VehDyn\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Metrics Test

Specification

Performance Metrics: (With "None" Instrumentation and "WithPS" Environment)

TS1.1 4064.00 Cycles Shortest Execution Path TS1.2 3995.00 Cycles Longest Execution Path

Description Vector Description:

Test Step 1.1 (Repeat Count = 1)

 $TS1.1Shortest\ Execution\ Path=>(((Rte_Pim_MotPosReset()->NVMStoredLastPosValid_Cnt_lgc) == TRUE)\ \&\&\ (((FaultBFActive_Cnt_T_lgc\ \&\ LSLPEnableBFCheck_Cnt_lgc) == FALSE)))=FALSE \\ TS1.2Longest\ Execution\ Path=>(((Rte_Pim_MotPosReset()->NVMStoredLastPosValid_Cnt_lgc) == TRUE)\ \&\&\ (((FaultBFActive_Cnt_T_lgc\ \&\ k_SLPEnableBFCheck_Cnt_lgc) == FALSE)))=TRUE$

Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Cu	rrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00125584798		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	100		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.100000001		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.100000001		
k AutoCntrHiSpdTimer1MtrVel MtrRadpS f32	700		
k AutoCntrHiSpdTimer1PinTrq HwNm f32	20		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	255		
k_AutoCntrHiSpdTimer1_mS_u16	60000		
k_AutoCntrHiSpdTimer2_mS_u16	60000		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	100		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	700		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	20		
k AutoCntrHiSpdTimer4VehSpd kph f32	255		
k AutoCntrHiSpdTimer4 mS u16	60000		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	100		
k AutoCntrLoSpdFilt1Kn Hz f32	0.100000001		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.100000001		
k AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	700		
k AutoCntrLoSpdTimer1PinTrg HwNm f32	20		
k AutoCntrLoSpdTimer1VehSpd kph f32	255		
k_AutoCntrLoSpdTimer1_mS_u16	60000		
k AutoCntrLoSpdTimer2 mS u16	60000		
k AutoCntrPinTrqLPFCoeffKn Hz f32	0.100000001		
k SLPEnableBFCheck Cnt lgc	1		
k_SLPHwAuthority_UIs_f32	1		
	1		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc			
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1600	in Cat Inc	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFActiv	ve_Cnt_igc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1		
tgt_GetSystemTime_mS_u32_CurrentTime	4294967295		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	700	700 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	255	255 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	100	100 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	60000	60000 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	60000	60000 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4294967295	4294967295	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4294967295	4294967295	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584798 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584798 ± 1.25663627181805E-06	✓
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	700	700 ± 0.2	✓
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	255	255 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	100	100 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	60000	60000 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	60000	60000 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4294967295	4294967295	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4294967295	4294967295	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584798 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584798 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	700	700 ± 0.2	-
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	255	255 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04	_
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Test Step 1.2 (Repeat Count = 1)





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	100	100 ± 0.0625	✓
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	60000	60000 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	60000	60000 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4294967295	4294967295	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4294967295	4294967295	✓
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584798 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584798 ± 1.25663627181805E-06	✓
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00125586987	0.00125584798 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn SLPHwPos HwDeg M f32	0	0	_

T				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
VehDyn_PinTrqSV_M_str.K_Uls_f32	9.9999975e-006		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	16.8675175		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00499999989		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00779999979		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	511.249969		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	2.49991417		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	119.398392		
k_AutoCntrHiSpdTimer1_mS_u16	19956		
k_AutoCntrHiSpdTimer2_mS_u16	1111		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	47.1357269		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	577.715271		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	18.6059322		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	69.9332428		
k_AutoCntrHiSpdTimer4_mS_u16	47307		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	97.2305069		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0350000001		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0649999976		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	0		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	16.4742603		
k AutoCntrLoSpdTimer1VehSpd kph f32	113.628799		
k AutoCntrLoSpdTimer1 mS u16	49475		
k_AutoCntrLoSpdTimer2_mS_u16	38708		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989		
k_SLPEnableBFCheck_Cnt_lgc	0		
k_SLPHwAuthority_Uls_f32	0.00120000006		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	1425.14795		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFActive_Cnt_lg	С	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0		
tgt_GetSystemTime_mS_u32_CurrentTime	1720406272		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	577.715271	577.715271 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	69.9332428	69.9332428 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.6059322	18.6059322 ± 0.04	_
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	47.1357269	47.1357269 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	19956	19956 ± 2	_
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	47307	47307 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1720406272	1720406272	_
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1720406272	1720406272	~
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000439703465	0.000439725991 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000816464424	0.000816481013 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	511.249969	511.249969 ± 0.2	_
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	119.398392	119.398392 ± 0.5	_
VehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	2.49991417	2.49991417 ± 0.04	
VehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	16.8675175	16.8675175 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	19956	19956 ± 2	-
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	1111	1111 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1720406272	1720406272	-
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	1720406272	1720406272	~
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	-
	1		
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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	9.7990036e-005	9.79999968e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	0	0 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	113.628799	113.628799 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.4742603	16.4742603 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	97.2305069	97.2305069 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	49475	49475 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	38708	38708 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1720406272	1720406272	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1720406272	1720406272	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000439703465	0.000439725991 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000816464424	0.000816481013 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.00120000006	0.00120000006	~
VehDyn_SLPHwPos_HwDeg_M_f32	1425.14795	1425.14795	~

T				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

VehDyn_Init1

2014-09-19, 20:06:17+0530



Test Case 2: Boundary Test

2014-09-19, 20:06:17+0530

VehDyn_Init1



Specification

Performance Metrics: (With "None" Instrumentation and "WithPS" Environment)

CPU Cycles

TS2.1 4053.00 Cycles TS2.2 3974.00 Cycles TS2.3 3940.00 Cycles TS2.4 3940.00 Cycles TS2.4 3940.00 Cycles
TS2.5 3940.00 Cycles
TS2.5 3940.00 Cycles
TS2.6 3940.00 Cycles
TS2.7 3940.00 Cycles
TS2.8 3940.00 Cycles
TS2.9 3940.00 Cycles
TS2.10 3940.00 Cycles
TS2.11 3940.00 Cycles
TS2.12 3940.00 Cycles
TS2.13 3940.00 Cycles
TS2.14 3940.00 Cycles
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TS2.19 3940.00 Cycles TS2.19 3940.00 Cycles TS2.20 3940.00 Cycles TS2.21 3940.00 Cycles TS2.22 3940.00 Cycles TS2.23 3940.00 Cycles TS2.24 3940.00 Cycles TS2.25 3940.00 Cycles TS2.26 3940.00 Cycles TS2.27 3940.00 Cycles TS2.28 3940.00 Cycles TS2.29 3940.00 Cycles TS2.30 3940.00 Cycles TS2.31 3940.00 Cycles TS2.32 3940.00 Cycles TS2.33 3940.00 Cycles TS2.34 3940.00 Cycles TS2.33 3940.00 Cycles TS2.34 3940.00 Cycles TS2.35 3940.00 Cycles TS2.36 3940.00 Cycles TS2.37 3940.00 Cycles TS2.38 3940.00 Cycles TS2.39 3940.00 Cycles TS2.38 3940.00 Cycles TS2.39 3940.00 Cycles TS2.40 3940.00 Cycles TS2.41 3940.00 Cycles TS2.42 3940.00 Cycles TS2.43 3940.00 Cycles TS2.44 3940.00 Cycles TS2.45 3940.00 Cycles TS2.46 3940.00 Cycles TS2.47 3940.00 Cycles TS2.48 3940.00 Cycles TS2.49 3940.00 Cycles TS2.50 3940.00 Cycles TS2.51 3940.00 Cycles TS2.53 3940.00 Cycles TS2.53 3940.00 Cycles TS2.53 3940.00 Cycles TS2.55 3940.00 Cycles TS2.54 3940.00 Cycles
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TS2.67 3940.00 Cycles
TS2.69 3940.00 Cycles
TS2.71 3940.00 Cycles
TS2.71 3940.00 Cycles
TS2.72 3940.00 Cycles
TS2.73 3940.00 Cycles
TS2.74 3940.00 Cycles
TS2.73 3940.00 Cycles
TS2.74 3940.00 Cycles
TS2.75 3940.00 Cycles
TS2.77 3940.00 Cycles
TS2.78 3940.00 Cycles
TS2.79 3940.00 Cycles
TS2.79 3940.00 Cycles TS2.79 3940.00 Cycles TS2.80 3940.00 Cycles TS2.81 3940.00 Cycles TS2.82 3940.00 Cycles TS2.83 3940.00 Cycles TS2.83 3940.00 Cycles TS2.84 3940.00 Cycles TS2.85 3940.00 Cycles TS2.86 3940.00 Cycles TS2.87 3940.00 Cycles

TS2.88 3940.00 Cycles



Description Vector Description:

TS2.1All Min TS2.2All Max TS2.3k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32==>Min TS2.4k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32==>Max TS2.5k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32==>Pos TS2.6k_AutoCntrLoSpdTimer1VehSpd_kph_f32==>Min TS2.7k_AutoCntrLoSpdTimer1VehSpd_kph_f32==>Max TS2.8k_AutoCntrLoSpdTimer1VehSpd_kph_f32==>Pos TS2.9k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32==>Min TS2.9k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32==>Min TS2.10k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32==>Max TS2.11k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32==>Pos TS2.12k_AutoCntrLoSpdCntrWindow_HwDeg_f32==>Max TS2.13k_AutoCntrLoSpdCntrWindow_HwDeg_f32==>Max TS2.14k_AutoCntrLoSpdCntrWindow_HwDeg_f32==>Pos TS2.15k_AutoCntrLoSpdTimer1_mS_u16==>Min TS2.16k_AutoCntrLoSpdTimer1_mS_u16==>Max TS2.17k_AutoCntrLoSpdTimer1_mS_u16==>Pos TS2.18k_AutoCntrLoSpdTimer2_mS_u16==>Min TS2.19k_AutoCntrLoSpdTimer2_mS_u16==>Max TS2.20k_AutoCntrLoSpdTimer2_mS_u16==>Pos TS2.21k_AutoCntrLoSpdFilt1Kn_Hz_f32==>Min TS2.22k_AutoCntrLoSpdFilt1Kn_Hz_f32==>Max TS2.23k_AutoCntrLoSpdFilt1Kn_Hz_f32==>Pos TS2.24k_AutoCntrLoSpdFilt2Kn_Hz_f32==>Min TS2.25k_AutoCntrLoSpdFilt2Kn_Hz_f32==>Max TS2.26k_AutoCntrLoSpdFilt2Kn_Hz_f32==>Pos TS2.27k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32==>Min TS2.28k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32==>Max TS2.29k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32==>Pos TS2.30k_AutoCntrHiSpdTimer4VehSpd_kph_f32==>Min TS2.31k_AutoCntrHiSpdTimer4VehSpd_kph_f32==>Max TS2.32k_AutoCntrHiSpdTimer4VehSpd_kph_f32==>Pos TS2.33k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32==>Min TS2.34k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32==>Max TS2.35k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32==>Pos
TS2.36k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32==>Min
TS2.37k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32==>Max TS2.38k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32==>Pos TS2.39k_AutoCntrHiSpdTimer1_mS_u16==>Min TS2.40k_AutoCntrHiSpdTimer1_mS_u16==>Max TS2.41k_AutoCntrHiSpdTimer1_mS_u16==>Pos TS2.42k_AutoCntrHiSpdTimer4_mS_u16==>Min TS2.43k_AutoCntrHiSpdTimer4_mS_u16==>Max TS2.44k_AutoCntrHiSpdTimer4_mS_u16==>Pos TS2.45k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32==>Min TS2.46k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32==>Max TS2.47k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32==>Pos TS2.48k_AutoCntrHiSpdTimer1VehSpd_kph_f32==>Min TS2.49k_AutoCntrHiSpdTimer1VehSpd_kph_f32==>Max TS2.50k_AutoCntrHiSpdTimer1VehSpd_kph_f32==>Pos TS2.51k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32==>Min TS2.52k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32==>Max TS2.53k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32==>Pos TS2.54k_AutoCntrHiSpdCntrWindow_HwDeg_f32==>Min TS2.55k_AutoCntrHiSpdCntrWindow_HwDeg_f32==>Max TS2.56k_AutoCntrHiSpdCntrWindow_HwDeg_f32==>Pos TS2.57k_AutoCntrHiSpdTimer2_mS_u16==>Min TS2.58k_AutoCntrHiSpdTimer2_mS_u16==>Max TS2.59k_AutoCntrHiSpdTimer2_mS_u16==>Pos TS2.60k_AutoCntrHiSpdFilt1Kn_Hz_f32==>Min TS2.61k_AutoCntrHiSpdFilt1Kn_Hz_f32==>Max TS2.62k_AutoCntrHiSpdFilt1Kn_Hz_f32==>Pos TS2.63k_AutoCntrHiSpdFilt2Kn_Hz_f32==>Min TS2.64k_AutoCntrHiSpdFilt2Kn_Hz_f32==>Max TS2.65k_AutoCntrHiSpdFilt2Kn_Hz_f32==>Pos TS2.66k_AutoCntrPinTrqLPFCoeffKn_Hz_f32==>Min TS2.67k_AutoCntrPinTrqLPFCoeffKn_Hz_f32==>Max TS2.68k_AutoCntrPinTrqLPFCoeffKn_Hz_f32==>Pos TS2.69VehDyn_PinTrqSV_M_Str.K==>Min TS2.70VehDyn_PinTrqSV_M_Str.K==>Max TS2.71VehDyn_PinTrqSV_M_Str.K==>Pos TS2.72K_AutoCntrHiSpdTimer2_mS_u16==>Pos TS2.72k_AutoCntrHiSpdFilt1Kn_Hz_f32==>Min
TS2.73k_AutoCntrHiSpdFilt1Kn_Hz_f32==>Min
TS2.74k_AutoCntrHiSpdFilt1Kn_Hz_f32==>Max
TS2.75FaultBFActive_Cnt_lgc==>Min
TS2.76FaultBFActive_Cnt_lgc==>Max
TS2.77Rte_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc = Min
TS2.78Rte_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc = Max TS2.78Rte_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_Igc = Max
TS2.79k_SLPEnableBFCheck_Cnt_Igc = Min
TS2.80k_SLPEnableBFCheck_Cnt_Igc = Max
TS2.81k_SLPHwAuthority_Uls_f32 = Min
TS2.82k_SLPHwAuthority_Uls_f32 = Max
TS2.82k_SLPHwAuthority_Uls_f32 = Pos
TS2.84R_SLPHwAuthority_Uls_f32 = Pos
TS2.84R_Te_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 = Min
TS2.85R_Te_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 = Max
TS2.85R_Te_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 = Max TS2.86Rte_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 = Zero TS2.87Rte_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 = Pos TS2.88Rte_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 = Neg

Test Step 2.1 (Repeat Count = 1)	✓
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime

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Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.51000006e-006		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	0		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.000199999995		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.000199999995		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	0		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	0		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	0		
k_AutoCntrHiSpdTimer1_mS_u16	0		
k_AutoCntrHiSpdTimer2_mS_u16	0		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	0		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	0		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	0		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	0		
k_AutoCntrHiSpdTimer4_mS_u16	0		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	0		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.000199999995		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.000199999995		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	0		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	0		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	0		
k_AutoCntrLoSpdTimer1_mS_u16	0		
k_AutoCntrLoSpdTimer2_mS_u16 k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00019999995		
k SLPEnableBFCheck Cnt lgc	0.00019999999		
k_SLPHwAuthority_Uls_f32	0		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-1600		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFActive_Cnt_lg		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target Pim MotPosReset	,	
target VehDvn Init1 FaultRFActive Cnt Igc value	10		
target_VehDyn_Init1_FaultBFActive_Cnt_Igc.value tot GetSystemTime mS_u32_CurrentTime	0		
tgt_GetSystemTime_mS_u32_CurrentTime	0	Expected Value	Result
tgt_GetSystemTime_mS_u32_CurrentTime Name		Expected Value 0 ± 0.2	Result
tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	0 Actual Value	·	Result
tgt_GetSystemTime_mS_u32_CurrentTime Name	0 Actual Value 0	0 ± 0.2	~
tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	0 Actual Value 0 0	0 ± 0.2 0 ± 0.5	· ·
tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	0 Actual Value 0 0 0 0	0 ± 0.2 0 ± 0.5 0 ± 0.04	\ \ \
tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	0 Actual Value 0 0 0 0	0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625	· · · · · ·
tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	0	0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 2	***
tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	0	0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 2 0 ± 2	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0 Actual Value 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 2 0 ± 2	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0 Actual Value 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 2 0 ± 2 0 0	· · · · · · · · · · · · · · · · · · ·
tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0 Actual Value 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 2 0 ± 2 0 0 0 2.51000006e-006 ± 1.25663627181805E-06	· · · · · · · · · · · · · · · · · · ·
tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0 Actual Value 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 2 0 ± 2 0 0 2.51000006e-006 ± 1.25663627181805E-06 2.51000006e-006 ± 1.25663627181805E-06	· · · · · · · · · · · · · · · · · · ·
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tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.NelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDoSpd_M_str.VehSpd_kph_f32	0 Actual Value 0 0 0 0 0 0 0 0 0 0 0 0 2.50339508e-006 0 0 0 0 0 0 0 0 2.50339508e-006 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	$\begin{array}{c} 0 \pm 0.2 \\ 0 \pm 0.5 \\ 0 \pm 0.04 \\ 0 \pm 0.0625 \\ 0 \pm 2 \\ 0 \pm 2 \\ 0 \\ 0 \\ 2.51000006e-006 \pm 1.25663627181805E-06 \\ 2.51000006e-006 \pm 1.25663627181805E-06 \\ 0 \pm 0.2 \\ 0 \pm 0.5 \\ 0 \pm 0.04 \\ 0 \pm 0.0625 \\ 0 \pm 2 \\ 0 \\ 0 \\ 2.51000006e-006 \pm 1.25663627181805E-06 \\ 0 \pm 2 \\ 0 \\ 0 \\ 2.51000006e-006 \pm 1.25663627181805E-06 \\ 0 \pm 0.2 \\ 0 \\ 0 \\ 0 \\ 2.51000006e-006 \pm 1.25663627181805E-06 \\ 0 \pm 0.2 \\ 0 \pm 0.5 \\ \end{array}$	· · · · · · · · · · · · · · · · · · ·
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tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.NetVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.Str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.NelFwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Str.PiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	0 Actual Value 0 0 0 0 0 0 0 0 0 0 0 0 0 2.50339508e-006 2.50339508e-006 0 0 0 0 0 0 2.50339508e-006 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 2 0 ± 2 0 2.51000006e-006 ± 1.25663627181805E-06 2.51000006e-006 ± 1.25663627181805E-06 0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 2 0 ± 0.5 0 ± 0.5 0 ± 0.2 0 ± 0.5 0 ± 0.2 0 ± 0.5 0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 0.2 0 ± 0.04 0 ± 0.0625 0 ± 0.2 0 ± 0.04 0 ± 0.0625 0 ± 0.2 0 ± 0.04	· · · · · · · · · · · · · · · · · · ·
tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.NtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	0 Actual Value 0 0 0 0 0 0 0 0 0 0 0 0 0 2.50339508e-006 2.50339508e-006 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 2 0 ± 2 0 2.51000006e-006 ± 1.25663627181805E-06 2.51000006e-006 ± 1.25663627181805E-06 0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 2 0 ± 0.5 0 ± 0.04 0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 0.2 0 ± 0.5 0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 0.2 0 ± 0.5 0 ± 0.04	· · · · · · · · · · · · · · · · · · ·
tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	0 Actual Value 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2.50339508e-006 2.50339508e-006 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 2 0 ± 2 0 0 2.51000006e-006 ± 1.25663627181805E-06 2.51000006e-006 ± 1.25663627181805E-06 0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 2 0 0 2.51000006e-006 ± 1.25663627181805E-06 0 2.51000006e-006 ± 1.25663627181805E-06 0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 0.04 0 ± 0.0625 0 ± 2 0 ± 0.04	· · · · · · · · · · · · · · · · · · ·
tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0 Actual Value 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2.50339508e-006 2.50339508e-006 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 2 0 ± 2 0 0 2.51000006e-006 ± 1.25663627181805E-06 2.5100006e-006 ± 1.25663627181805E-06 0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 2 0 0 2.51000006e-006 ± 1.25663627181805E-06 0 2.51000006e-006 ± 1.25663627181805E-06 0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.04 0 ± 0.0625 0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 0.04 0 ± 0.0625 0 ± 2 0 ± 0.04	· · · · · · · · · · · · · · · · · · ·
Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.NtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u20 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd	0 Actual Value 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2.50339508e-006 2.50339508e-006 0 0 0 0 0 2.50339508e-006 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 2 0 ± 2 0 0 2.51000006e-006 ± 1.25663627181805E-06 2.5100006e-006 ± 1.25663627181805E-06 0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 2 0 ± 2 0 0 2.51000006e-006 ± 1.25663627181805E-06 0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 2 0 ±	· · · · · · · · · · · · · · · · · · ·
tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0 Actual Value 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2.50339508e-006 2.50339508e-006 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 2 0 ± 2 0 0 2.51000006e-006 ± 1.25663627181805E-06 2.5100006e-006 ± 1.25663627181805E-06 0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 2 0 0 2.51000006e-006 ± 1.25663627181805E-06 0 2.51000006e-006 ± 1.25663627181805E-06 0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.04 0 ± 0.0625 0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 0.2 0 ± 0.5 0 ± 0.04 0 ± 0.0625 0 ± 0.04 0 ± 0.0625 0 ± 2 0 ± 0.04	· · · · · · · · · · · · · · · · · · ·

Τ				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

0

0

0

0

VehDyn_SLPHwAuth_Uls_M_f32

VehDyn_SLPHwPos_HwDeg_M_f32





Test Step 2.2 (Repeat Count = 1)	In most Malace		
Name	Input Value	-	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Current	Time	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00125584798		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	100		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.100000001		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.100000001		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	700		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	20		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	255		
k_AutoCntrHiSpdTimer1_mS_u16	60000		
k_AutoCntrHiSpdTimer2_mS_u16	60000		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	100		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	700		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	20		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	255		
k_AutoCntrHiSpdTimer4_mS_u16	60000		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	100		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.100000001		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.100000001		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	700		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	20		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	255		
k_AutoCntrLoSpdTimer1_mS_u16	60000		
k_AutoCntrLoSpdTimer2_mS_u16	60000		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.100000001		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	1		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1600		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFActive_C	Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1		
tgt_GetSystemTime_mS_u32_CurrentTime	4294967295		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	700	700 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	255	255 ± 0.5	-
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04	
	20		
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	100	100 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16		100 ± 0.0625 60000 ± 2	•
	100		•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	100 60000	60000 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	100 60000 60000	60000 ± 2 60000 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	100 60000 60000 4294967295	60000 ± 2 60000 ± 2 4294967295	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	100 60000 60000 4294967295 4294967295	60000 ± 2 60000 ± 2 4294967295 4294967295	0
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	100 60000 60000 4294967295 4294967295 0.00125586987	60000 ± 2 60000 ± 2 4294967295 4294967295 0.00125584798 ± 1.25663627181805E-06	0
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	100 60000 60000 4294967295 4294967295 0.00125586987 0.00125586987	60000 ± 2 60000 ± 2 4294967295 4294967295 0.00125584798 ± 1.25663627181805E-06 0.00125584798 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	100 60000 60000 4294967295 4294967295 0.00125586987 700	60000 ± 2 60000 ± 2 4294967295 4294967295 0.00125584798 ± 1.25663627181805E-06 0.00125584798 ± 1.25663627181805E-06 700 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	100 60000 60000 4294967295 4294967295 0.00125586987 0.00125586987 700 255	60000 ± 2 60000 ± 2 4294967295 4294967295 0.00125584798 ± 1.25663627181805E-06 700 ± 0.2 255 ± 0.5	0
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	100 60000 60000 4294967295 4294967295 0.00125586987 0.00125586987 700 255 20	60000 ± 2 60000 ± 2 4294967295 4294967295 0.00125584798 ± 1.25663627181805E-06 0.00125584798 ± 1.25663627181805E-06 700 ± 0.2 255 ± 0.5 20 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	100 60000 60000 4294967295 4294967295 0.00125586987 0.00125586987 700 255 20	60000 ± 2 60000 ± 2 4294967295 4294967295 0.00125584798 ± 1.25663627181805E-06 0.00125584798 ± 1.25663627181805E-06 700 ± 0.2 255 ± 0.5 20 ± 0.04 100 ± 0.0625	0
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	100 60000 60000 4294967295 4294967295 0.00125586987 0.00125586987 700 255 20 100 60000	60000 ± 2 60000 ± 2 4294967295 4294967295 0.00125584798 ± 1.25663627181805E-06 700 ± 0.2 255 ± 0.5 20 ± 0.04 100 ± 0.0625 60000 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	100 60000 60000 4294967295 4294967295 0.00125586987 0.00125586987 700 255 20 100 60000 60000	60000 ± 2 60000 ± 2 4294967295 4294967295 $0.00125584798 \pm 1.25663627181805E-06$ $0.00125584798 \pm 1.25663627181805E-06$ 700 ± 0.2 255 ± 0.5 20 ± 0.04 100 ± 0.0625 60000 ± 2 60000 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Wtvel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	100 60000 60000 4294967295 4294967295 0.00125586987 0.00125586987 700 255 20 100 60000 60000 4294967295	60000 ± 2 60000 ± 2 4294967295 4294967295 $0.00125584798 \pm 1.25663627181805E-06$ $0.00125584798 \pm 1.25663627181805E-06$ 700 ± 0.2 255 ± 0.5 20 ± 0.04 100 ± 0.0625 60000 ± 2 4294967295	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Wtvel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	100 60000 60000 4294967295 4294967295 0.00125586987 0.00125586987 700 255 20 100 60000 60000 4294967295 4294967295	60000 ± 2 60000 ± 2 4294967295 4294967295 $0.00125584798 \pm 1.25663627181805E-06$ $0.00125584798 \pm 1.25663627181805E-06$ 700 ± 0.2 255 ± 0.5 20 ± 0.04 100 ± 0.0625 60000 ± 2 4294967295 4294967295	0
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	100 60000 60000 4294967295 4294967295 0.00125586987 0.00125586987 700 255 20 100 60000 60000 4294967295 4294967295 0.00125586987	60000 ± 2 60000 ± 2 4294967295 4294967295 $0.00125584798 \pm 1.25663627181805E-06$ $0.00125584798 \pm 1.25663627181805E-06$ 700 ± 0.2 255 ± 0.5 20 ± 0.04 100 ± 0.0625 60000 ± 2 4294967295 4294967295 $0.00125584798 \pm 1.25663627181805E-06$	0
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	100 60000 60000 4294967295 4294967295 0.00125586987 0.00125586987 700 255 20 100 60000 60000 4294967295 4294967295 0.00125586987 0.00125586987	60000 ± 2 60000 ± 2 4294967295 4294967295 $0.00125584798 \pm 1.25663627181805E-06$ $0.00125584798 \pm 1.25663627181805E-06$ 700 ± 0.2 255 ± 0.5 20 ± 0.04 100 ± 0.0625 60000 ± 2 4294967295 4294967295 $0.00125584798 \pm 1.25663627181805E-06$ $0.00125584798 \pm 1.25663627181805E-06$	0
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	100 60000 60000 4294967295 4294967295 0.00125586987 0.00125586987 700 255 20 100 60000 60000 4294967295 4294967295 0.00125586987 0.00125586987 700	60000 ± 2 60000 ± 2 4294967295 4294967295 $0.00125584798 \pm 1.25663627181805E-06$ $0.00125584798 \pm 1.25663627181805E-06$ 700 ± 0.2 255 ± 0.5 20 ± 0.04 100 ± 0.0625 60000 ± 2 4294967295 4294967295 $0.00125584798 \pm 1.25663627181805E-06$ $0.00125584798 \pm 1.25663627181805E-06$ 700 ± 0.2	0
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VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.WehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u20 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	100 60000 60000 4294967295 4294967295 0.00125586987 700 255 20 100 60000 60000 4294967295 0.00125586987 700 255 20 100 60000 4294967295 0.00125586987 700 255 20 100 60000 4294967295 0.00125586987 700 255 20 100 60000 60000 4294967295 0.00125586987 0.00125586987	60000 ± 2 60000 ± 2 4294967295 4294967295 0.00125584798 ± 1.25663627181805E-06 0.00125584798 ± 1.25663627181805E-06 700 ± 0.2 255 ± 0.5 20 ± 0.04 100 ± 0.0625 60000 ± 2 4294967295 4294967295 0.00125584798 ± 1.25663627181805E-06 700 ± 0.2 255 ± 0.5 20 ± 0.04 100 ± 0.0625 60000 ± 2 4294967295 4294967295 4294967295 4294967295 4294967295 0.00125584798 ± 1.25663627181805E-06	0



T				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	-

Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Cur	rentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
VehDyn_PinTrqSV_M_str.K_Uls_f32	9.9999975e-006		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	16.8675175		
k AutoCntrHiSpdFilt1Kn Hz f32	0.00499999989		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00779999979		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	511.249969		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	2.49991417		
k AutoCntrHiSpdTimer1VehSpd kph f32	119.398392		
k AutoCntrHiSpdTimer1 mS u16	19956		
k AutoCntrHiSpdTimer2 mS u16	1111		
k AutoCntrHiSpdTimer4CntrWindow HwDeg f32	47.1357269		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	577.715271		
k AutoCntrHiSpdTimer4PinTrg HwNm f32	18.6059322		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	69.9332428		
k_AutoCntrHiSpdTimer4_mS_u16	47307		
k AutoCntrLoSpdCntrWindow HwDeg f32	97.2305069		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0350000001		
k AutoCntrLoSpdFilt2Kn Hz f32	0.0649999976		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	0		
k AutoCntrLoSpdTimer1PinTrq HwNm f32	16.4742603		
k AutoCntrLoSpdTimer1VehSpd kph f32	113.628799		
k AutoCntrLoSpdTimer1 mS u16	49475		
AutoCntrLoSpdTimer2_mS_u16	38708		
AutoCntrPinTrqLPFCoeffKn Hz f32	0.00499999989		
SLPEnableBFCheck Cnt Igc	0		
SLPHwAuthority Uls f32	0.00120000006		
arget Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	1		
rarget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1425.14795		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target VehDyn Init1 FaultBFActiv	e Cnt lac	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	0-	
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0		
tgt_GetSystemTime_mS_u32_CurrentTime	1720406272		
Name	Actual Value	Expected Value	Res
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	577.715271	577.715271 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	69.9332428	69.9332428 ± 0.5	
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.6059322	18.6059322 ± 0.04	
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	47.1357269	47.1357269 ± 0.0625	
/ehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	19956	19956 ± 2	
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	47307	47307 ± 2	
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1720406272	1720406272	
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1720406272	1720406272	
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000439703465	0.000439725991 ± 1.25663627181805E-06	
. on 2)			
/ehDvn_AutoCntrDetSnd_M_str_RelHwPosFilt2SV_HwDeg_str_K_Uls_f32	0.000816464424	0.000816481013 + 1.25663627181805F-06	
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000816464424	0.000816481013 ± 1.25663627181805E-06	
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	511.249969	511.249969 ± 0.2	
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	511.249969 119.398392	511.249969 ± 0.2 119.398392 ± 0.5	
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	511.249969 119.398392 2.49991417	511.249969 ± 0.2 119.398392 ± 0.5 2.49991417 ± 0.04	
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	511.249969 119.398392 2.49991417 16.8675175	511.249969 ± 0.2 119.398392 ± 0.5 2.49991417 ± 0.04 16.8675175 ± 0.0625	
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	511.249969 119.398392 2.49991417 16.8675175 19956	511.249969 ± 0.2 119.398392 ± 0.5 2.49991417 ± 0.04 16.8675175 ± 0.0625 19956 ± 2	
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	511.249969 119.398392 2.49991417 16.8675175 19956	511.249969 ± 0.2 119.398392 ± 0.5 2.49991417 ± 0.04 16.8675175 ± 0.0625 19956 ± 2 1111 ± 2	
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	511.249969 119.398392 2.49991417 16.8675175 19956 1111 1720406272	511.249969 ± 0.2 119.398392 ± 0.5 2.49991417 ± 0.04 16.8675175 ± 0.0625 19956 ± 2 1111 ± 2 1720406272	
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	511.249969 119.398392 2.49991417 16.8675175 19956 1111 1720406272	511.249969 ± 0.2 119.398392 ± 0.5 2.49991417 ± 0.04 16.8675175 ± 0.0625 19956 ± 2 1111 ± 2 1720406272 1720406272	
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	511.249969 119.398392 2.49991417 16.8675175 19956 1111 1720406272 1720406272 6.28232956e-005	511.249969 ± 0.2 119.398392 ± 0.5 2.49991417 ± 0.04 16.8675175 ± 0.0625 19956 ± 2 1111 ± 2 1720406272 1720406272 6.2799998e-005 ± 1.25663627181805E-06	
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	511.249969 119.398392 2.49991417 16.8675175 19956 1111 1720406272 1720406272 6.28232956e-005 9.7990036e-005	511.249969 ± 0.2 119.398392 ± 0.5 2.49991417 ± 0.04 16.8675175 ± 0.0625 19956 ± 2 1111 ± 2 1720406272 1720406272 6.2799998e-005 ± 1.25663627181805E-06 9.79999968e-005 ± 1.25663627181805E-06	
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2_ms_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	511.249969 119.398392 2.49991417 16.8675175 19956 1111 1720406272 1720406272 6.28232956e-005 9.7990036e-005	511.249969 ± 0.2 119.398392 ± 0.5 2.49991417 ± 0.04 16.8675175 ± 0.0625 19956 ± 2 1111 ± 2 1720406272 1720406272 6.2799998e-005 ± 1.25663627181805E-06 9.79999968e-005 ± 1.25663627181805E-06 0 ± 0.2	
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	511.249969 119.398392 2.49991417 16.8675175 19956 1111 1720406272 1720406272 6.28232956e-005 9.7990036e-005 0 113.628799	511.249969 ± 0.2 119.398392 ± 0.5 2.49991417 ± 0.04 16.8675175 ± 0.0625 19956 ± 2 1111 ± 2 1720406272 1720406272 6.2799998e-005 ± 1.25663627181805E-06 9.79999968e-005 ± 1.25663627181805E-06 0 ± 0.2 113.628799 ± 0.5	
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	511.249969 119.398392 2.49991417 16.8675175 19956 1111 1720406272 1720406272 6.28232956e-005 9.7990036e-005 0 113.628799 16.4742603	511.249969 ± 0.2 119.398392 ± 0.5 2.49991417 ± 0.04 16.8675175 ± 0.0625 19956 ± 2 1111 ± 2 1720406272 1720406272 6.2799998e-005 ± 1.25663627181805E-06 9.79999968e-005 ± 1.25663627181805E-06 0 ± 0.2 113.628799 ± 0.5 16.4742603 ± 0.04	
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	511.249969 119.398392 2.49991417 16.8675175 19956 1111 1720406272 1720406272 6.28232956e-005 9.7990036e-005 0 113.628799 16.4742603 97.2305069	511.249969 ± 0.2 119.398392 ± 0.5 2.49991417 ± 0.04 16.8675175 ± 0.0625 19956 ± 2 1111 ± 2 1720406272 1720406272 6.2799998e-005 ± 1.25663627181805E-06 9.79999968e-005 ± 1.25663627181805E-06 0 ± 0.2 113.628799 ± 0.5 16.4742603 ± 0.04 97.2305069 ± 0.0625	
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	511.249969 119.398392 2.49991417 16.8675175 19956 1111 1720406272 1720406272 6.28232956e-005 9.7990036e-005 0 113.628799 16.4742603 97.2305069 49475	511.249969 ± 0.2 119.398392 ± 0.5 2.49991417 ± 0.04 16.8675175 ± 0.0625 19956 ± 2 1111 ± 2 1720406272 1720406272 6.2799998e-005 ± 1.25663627181805E-06 9.79999968e-005 ± 1.25663627181805E-06 0 ± 0.2 113.628799 ± 0.5 16.4742603 ± 0.04 97.2305069 ± 0.0625 49475 ± 2	
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	511.249969 119.398392 2.49991417 16.8675175 19956 1111 1720406272 1720406272 6.28232956e-005 9.7990036e-005 0 113.628799 16.4742603 97.2305069 49475 38708	511.249969 ± 0.2 119.398392 ± 0.5 2.49991417 ± 0.04 16.8675175 ± 0.0625 19956 ± 2 1111 ± 2 1720406272 1720406272 6.2799998e-005 ± 1.25663627181805E-06 9.79999968e-005 ± 1.25663627181805E-06 0 ± 0.2 113.628799 ± 0.5 16.4742603 ± 0.04 97.2305069 ± 0.0625 49475 ± 2 38708 ± 2	
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	511.249969 119.398392 2.49991417 16.8675175 19956 1111 1720406272 1720406272 6.28232956e-005 9.7990036e-005 0 113.628799 16.4742603 97.2305069 49475 38708 1720406272	511.249969 ± 0.2 119.398392 ± 0.5 2.49991417 ± 0.04 16.8675175 ± 0.0625 19956 ± 2 1111 ± 2 1720406272 1720406272 6.2799998e-005 ± 1.25663627181805E-06 9.79999968e-005 ± 1.25663627181805E-06 0 ± 0.2 113.628799 ± 0.5 16.4742603 ± 0.04 97.2305069 ± 0.0625 49475 ± 2 38708 ± 2 1720406272	
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	511.249969 119.398392 2.49991417 16.8675175 19956 1111 1720406272 1720406272 6.28232956e-005 9.7990036e-005 0 113.628799 16.4742603 97.2305069 49475 38708	511.249969 ± 0.2 119.398392 ± 0.5 2.49991417 ± 0.04 16.8675175 ± 0.0625 19956 ± 2 1111 ± 2 1720406272 1720406272 6.2799998e-005 ± 1.25663627181805E-06 9.79999968e-005 ± 1.25663627181805E-06 0 ± 0.2 113.628799 ± 0.5 16.4742603 ± 0.04 97.2305069 ± 0.0625 49475 ± 2 38708 ± 2	





Name	Actual Value	Expected Value	Result
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.00120000006	0.00120000006	~
VehDyn_SLPHwPos_HwDeg_M_f32	1425.14795	1425.14795	✓

T				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•

Test Step 2.4 (Repeat Count = 1) Name	Input Value		
	· ·		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTin	ie .	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2 4.99999987e-005		
VehDyn_PinTrqSV_M_str.K_Uls_f32	95.4768982		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	0.00899999961		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00899999961		
k_AutoCntrHiSpdFilt2Kn_Hz_f32 k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	202.264374		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	16.9387646		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	125.628113		
<_AutoCntrHiSpdTimer1_mS_u16	27095		
< AutoCntrHiSpdTimer2 mS u16	2222		
AutoCntrHiSpdTimer4CntrWindow HwDeg f32	45.5802307		
C_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	107.436508		
AutoCntrHiSpdTimer4PinTrq_HwNm_f32	10.2259359		
AutoCntrHiSpdTimer4VehSpd_kph_f32	172.71106		
:_AutoCntrHiSpdTimer4_mS_u16	28327		
AutoCntrLoSpdCntrWindow HwDeg f32	94.2382813		
:_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0560000017		
:_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0344000012		
AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	700		
AutoCntrLoSpdTimer1PinTrg HwNm f32	1.05551898		
:_AutoCntrLoSpdTimer1VehSpd_kph_f32	69.8743896		
:_AutoCntrLoSpdTimer1_mS_u16	43128		
AutoCntrLoSpdTimer2 mS u16	58869		
:_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00899999961		
SLPEnableBFCheck Cnt lgc	1		
SLPHwAuthority_Uls_f32	0.00779999979		
arget Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	0		
arget Pim MotPosReset.NVMStoredLastPos HwDeg f32	1401.11499		
arget Rte Inst Ap VehDyn 2.VehDyn Init1 FaultBFActive Cnt Igc	target_VehDyn_Init1_FaultBFActive_Cnt_	lac	
rarget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
arget_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1		
gt_GetSystemTime_mS_u32_CurrentTime	2659241984		
Name	Actual Value	Expected Value	Res
	107.436508	107.436508 ± 0.2	
venuvn AutoCntrDetSpd M str.MtrVel MtrRadpS t32			
	172.71106	172.71106 ± 0.5	
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	172.71106 10.2259359	172.71106 ± 0.5 10.2259359 ± 0.04	
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.2259359	10.2259359 ± 0.04	
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	10.2259359 45.5802307	10.2259359 ± 0.04 45.5802307 ± 0.0625	
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	10.2259359 45.5802307 27095	10.2259359 ± 0.04 45.5802307 ± 0.0625 27095 ± 2	
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	10.2259359 45.5802307 27095 28327	10.2259359 ± 0.04 45.5802307 ± 0.0625 27095 ± 2 28327 ± 2	
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	10.2259359 45.5802307 27095 28327 2659241984	10.2259359 ± 0.04 45.5802307 ± 0.0625 27095 ± 2	
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	10.2259359 45.5802307 27095 28327 2659241984 2659241984	10.2259359 ± 0.04 45.5802307 ± 0.0625 27095 ± 2 28327 ± 2 2659241984 2659241984	
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2_ms_u32 /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	10.2259359 45.5802307 27095 28327 2659241984 2659241984 0.000703454018	10.2259359 ± 0.04 45.5802307 ± 0.0625 27095 ± 2 28327 ± 2 2659241984 2659241984 0.000703468977 ± 1.25663627181805E-06	
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	10.2259359 45.5802307 27095 28327 2659241984 2659241984 0.000703454018 0.000432193279	10.2259359 ± 0.04 45.5802307 ± 0.0625 27095 ± 2 28327 ± 2 2659241984 2659241984 0.000703468977 ± 1.25663627181805E-06 0.000432189991 ± 1.25663627181805E-06	
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	10.2259359 45.5802307 27095 28327 2659241984 2659241984 0.000703454018 0.000432193279 202.264374	10.2259359 ± 0.04 45.5802307 ± 0.0625 27095 ± 2 28327 ± 2 2659241984 2659241984 0.000703468977 ± 1.25663627181805E-06 0.000432189991 ± 1.25663627181805E-06 202.264374 ± 0.2	
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/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt3SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	10.2259359 45.5802307 27095 28327 2659241984 2659241984 0.000703454018 0.000432193279 202.264374 125.628113 16.9387646 95.4768982 27095 2222 2659241984 2659241984 0.000113070011	10.2259359 ± 0.04 45.5802307 ± 0.0625 27095 ± 2 28327 ± 2 2659241984 2659241984 0.000703468977 ± 1.25663627181805E-06 0.000432189991 ± 1.25663627181805E-06 202.264374 ± 0.2 125.628113 ± 0.5 16.9387646 ± 0.04 95.4768982 ± 0.0625 27095 ± 2 2222 ± 2 2659241984 2659241984 0.000113091002 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.NetPosPd_kph_f32	10.2259359 45.5802307 27095 28327 2659241984 2659241984 0.000703454018 0.000432193279 202.264374 125.628113 16.9387646 95.4768982 27095 2222 2659241984 0.000113070011 0.000113070011	10.2259359 ± 0.04 45.5802307 ± 0.0625 27095 ± 2 28327 ± 2 2659241984 0.000703468977 ± 1.25663627181805E-06 0.000432189991 ± 1.25663627181805E-06 202.264374 ± 0.2 125.628113 ± 0.5 16.9387646 ± 0.04 95.4768982 ± 0.0625 27095 ± 2 2222 ± 2 2659241984 0.000113091002 ± 1.25663627181805E-06 0.000113091002 ± 1.25663627181805E-06 700 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.NelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.NelHwPosFilt2SV_HwDeg_str.K_Uls_f32	10.2259359 45.5802307 27095 28327 2659241984 2659241984 0.000703454018 0.000432193279 202.264374 125.628113 16.9387646 95.4768982 27095 2222 2659241984 2659241984 0.000113070011 0.000113070011 700 69.8743896	10.2259359 ± 0.04 45.5802307 ± 0.0625 27095 ± 2 28327 ± 2 2659241984 0.000703468977 ± 1.25663627181805E-06 0.000432189991 ± 1.25663627181805E-06 202.264374 ± 0.2 125.628113 ± 0.5 16.9387646 ± 0.04 95.4768982 ± 0.0625 27095 ± 2 2222 ± 2 2659241984 0.000113091002 ± 1.25663627181805E-06 0.000113091002 ± 1.25663627181805E-06 700 ± 0.2 69.8743896 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiitPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.NetVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwNeg_str.K_Uls_f32	10.2259359 45.5802307 27095 28327 2659241984 2659241984 0.000703454018 0.000432193279 202.264374 125.628113 16.9387646 95.4768982 27095 2222 2659241984 0.000113070011 0.000113070011 700 69.8743896 1.05551898	10.2259359 ± 0.04 45.5802307 ± 0.0625 27095 ± 2 28327 ± 2 2659241984 2659241984 0.000703468977 ± 1.25663627181805E-06 0.000432189991 ± 1.25663627181805E-06 202.264374 ± 0.2 125.628113 ± 0.5 16.9387646 ± 0.04 95.4768982 ± 0.0625 27095 ± 2 2222 ± 2 2659241984 0.000113091002 ± 1.25663627181805E-06 0.000113091002 ± 1.25663627181805E-06 700 ± 0.2 69.8743896 ± 0.5 1.05551898 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.NelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.NelHwPosFilt2SV_HwDeg_str.K_Uls_f32	10.2259359 45.5802307 27095 28327 2659241984 2659241984 0.000703454018 0.000432193279 202.264374 125.628113 16.9387646 95.4768982 27095 2222 2659241984 2659241984 0.000113070011 0.000113070011 700 69.8743896	10.2259359 ± 0.04 45.5802307 ± 0.0625 27095 ± 2 28327 ± 2 2659241984 0.000703468977 ± 1.25663627181805E-06 0.000432189991 ± 1.25663627181805E-06 202.264374 ± 0.2 125.628113 ± 0.5 16.9387646 ± 0.04 95.4768982 ± 0.0625 27095 ± 2 2222 ± 2 2659241984 0.000113091002 ± 1.25663627181805E-06 0.000113091002 ± 1.25663627181805E-06 700 ± 0.2 69.8743896 ± 0.5	

Test Step 2.5 (Repeat Count = 1)

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2659241984	2659241984	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2659241984	2659241984	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000703454018	0.000703468977 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000432193279	0.000432189991 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	✓
VehDyn SLPHwPos HwDeg M f32	0	0	~

T					✓
Actual Function	Count	Expected Function	Count	Resu	ilt
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1		•

Innut Value

Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Cu	ırrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
VehDyn_PinTrqSV_M_str.K_Uls_f32	9.00000014e-005		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	33.3349724		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0250000004		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0299999993		
k AutoCntrHiSpdTimer1MtrVel MtrRadpS f32	59.5372696		
k AutoCntrHiSpdTimer1PinTrq HwNm f32	4.59798193		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	156.923325		
k AutoCntrHiSpdTimer1 mS u16	55627		
k AutoCntrHiSpdTimer2 mS u16	3333		
k AutoCntrHiSpdTimer4CntrWindow HwDeg f32	35.0511017		
k AutoCntrHiSpdTimer4MtrVel MtrRadpS f32	556,066528		
k AutoCntrHiSpdTimer4PinTrg HwNm f32	20		
k AutoCntrHiSpdTimer4VehSpd kph f32	255		
k AutoCntrHiSpdTimer4 mS u16	4578		
k AutoCntrLoSpdCntrWindow HwDeg f32	100		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0670000017		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0458000004		
k AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	182.050003		
k AutoCntrLoSpdTimer1PinTrg HwNm f32	10.878334		
k AutoCntrLoSpdTimer1VehSpd kph f32	223.371994		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
k_AutoCntrLoSpdTimer1_mS_u16	53759		
k_AutoCntrLoSpdTimer2_mS_u16	18715		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0250000004		
k_SLPEnableBFCheck_Cnt_lgc	0		
k_SLPHwAuthority_Uls_f32	0.0143999998		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1377.08203		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFActi	ve_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0		
tgt_GetSystemTime_mS_u32_CurrentTime	2942063360		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	556.066528	556.066528 ± 0.2	·
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	255	255 ± 0.5	·
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04	-
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	35.0511017	35.0511017 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	55627	55627 ± 2	-
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	4578	4578 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2942063360	2942063360	-
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2942063360	2942063360	•
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000841617584	0.000841591973 ± 1.25663627181805E-06	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575373997 ± 1.25663627181805E-06	•
VehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	59.5372696	59.5372696 ± 0.2	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	156.923325	156.923325 ± 0.5	
VehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	4.59798193	4.59798193 ± 0.04	
VehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	33.3349724	33.3349724 ± 0.0625	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	55627	55627 ± 2	
VehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	3333	3333 ± 2	
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	2942063360	2942063360	
VehDyn AutoCntrHiSpd M str.Timer mS u32		2942063360	
	2942063360		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000376939774	0.000376920012 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	182.050003	182 ± 0.2	•
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	223.371994	223.371994 ± 0.5	~

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VehDyn_Init1

Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.878334	10.878334 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	100	100 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53759	53759 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	18715	18715 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2942063360	2942063360	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2942063360	2942063360	✓
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000841617584	0.000841591973 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575373997 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.0143999998	0.0143999998	~
VehDyn_SLPHwPos_HwDeg_M_f32	1377.08203	1377.08203	~

T				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•

Test Step 2.6 (Repeat Count = 1)	
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00013
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	96.3896027
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.063000001
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0458000004
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	498.457764
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	20
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	153.084564
k_AutoCntrHiSpdTimer1_mS_u16	26438
k_AutoCntrHiSpdTimer2_mS_u16	4444
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	4.91284609
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	300.483093
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	0.609106064
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	97.2060852
k_AutoCntrHiSpdTimer4_mS_u16	14136
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	84.7982025
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00600000005
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00499999989
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	202
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	15.8976202
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575373997 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	202	202 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	0	0 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	15.8976202	15.8976202 ± 0.04	•
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	84.7982025	84.7982025 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	13352	13352 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14442	14442 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1117112832	1117112832	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1117112832	1117112832	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.53998756e-005	7.53999993e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	✓
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0	0	•
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Τ					
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~	

Name	Input Value		
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 Cui	rentTime	
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn 2		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000169999999		
k AutoCntrHiSpdCntrWindow HwDeg f32	94.2766724		
k AutoCntrHiSpdFilt1Kn Hz f32	0.00600000005		
k AutoCntrHiSpdFilt2Kn Hz f32	0.00499999989		
k AutoCntrHiSpdTimer1MtrVel MtrRadpS f32	332.416168		
k AutoCntrHiSpdTimer1PinTrq HwNm f32	6.68982124		
k AutoCntrHiSpdTimer1VehSpd kph f32	198.46022		
k AutoCntrHiSpdTimer1 mS u16	46033		
k AutoCntrHiSpdTimer2 mS u16	5555		
k AutoCntrHiSpdTimer4CntrWindow HwDeg f32	97.4420471		
k AutoCntrHiSpdTimer4MtrVel MtrRadpS f32	381.251129		
k AutoCntrHiSpdTimer4PinTrq HwNm f32	20		
k AutoCntrHiSpdTimer4VehSpd kph f32	93.5331573		
k_AutoCntrHiSpdTimer4_mS_u16	1778		
	41.3416519		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32 k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00779999979		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00779999979		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	211		
	16.8140659		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	255		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	21364		
k_AutoCntrLoSpdTimer1_mS_u16	52716		
k_AutoCntrLoSpdTimer2_mS_u16			
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00600000005		
k_SLPEnableBFCheck_Cnt_lgc	0 0075000007		
k_SLPHwAuthority_Uls_f32	0.0275999997		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_Igc	1		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1329.01599	0.41	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFActiv	e_Cnt_igc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0		
tgt_GetSystemTime_mS_u32_CurrentTime	1736795392	1	1-
Name	Actual Value	Expected Value	Resu
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	381.251129	381.251129 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	93.5331573	93.5331573 ± 0.5	,
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	97.4420471	97.4420471 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	46033	46033 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	1778	1778 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1736795392	1736795392	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1736795392	1736795392	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	9.7990036e-005	9.79999968e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	332.416168	332.416168 ± 0.2	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	198.46022	198.46022 ± 0.5	•
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	6.68982124	6.68982124 ± 0.04	

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	46033	46033 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	5555	5555 ± 2	✓
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1736795392	1736795392	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1736795392	1736795392	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.53998756e-005	7.53999993e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	211	211 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	255	255 ± 0.5	✓
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.8140659	16.8140659 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	41.3416519	41.3416519 ± 0.0625	✓
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21364	21364 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52716	52716 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1736795392	1736795392	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1736795392	1736795392	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	9.7990036e-005	9.79999968e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	✓
VehDyn_PinTrqSV_M_str.K_Uls_f32	7.53998756e-005	7.53999993e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.0275999997	0.0275999997	~
VehDyn_SLPHwPos_HwDeg_M_f32	1329.01599	1329.01599	~

Τ					
Actual Function	Count	Expected Function	Count	Resul	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•	

Test Step 2.8 (Repeat Count = 1)				
Name	Input Value			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime			
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2			
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000209999998			
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	88.6500702			
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00779999979			
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00899999961			
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	138.568741			
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	6.97866201			
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	72.755127			
k_AutoCntrHiSpdTimer1_mS_u16	7415			
k_AutoCntrHiSpdTimer2_mS_u16	6666			
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	59.698616			
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	50.0811806			
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	17.8322964			
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	117.223816			
k_AutoCntrHiSpdTimer4_mS_u16	16156			
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	81.3328171			
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00899999961			
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0250000004			
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	543			
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	6.82931423			
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	199.050003			
k_AutoCntrLoSpdTimer1_mS_u16	33198			
k_AutoCntrLoSpdTimer2_mS_u16	7778			
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00779999979			
k_SLPEnableBFCheck_Cnt_lgc	1			
k_SLPHwAuthority_Uls_f32	0.0342000015			
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0			
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1304.98303			
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFA	ctive_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset			
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1			
tgt_GetSystemTime_mS_u32_CurrentTime	3437401088		1	
Name	Actual Value	Expected Value	Result	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	50.0811806	50.0811806 ± 0.2	~	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	117.223816	117.223816 ± 0.5	•	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	17.8322964	17.8322964 ± 0.04	~	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	59.698616	59.698616 ± 0.0625	•	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	7415	7415 ± 2	-	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	16156	16156 ± 2	•	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3437401088	3437401088	~	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3437401088	3437401088	•	
V-bD A-t-O-t-D-tOt M -t- D-IIIDEIMOV IIDt- K III 600	0.000113070011	0.000113091002 ± 1.25663627181805E-06	 	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32				

0.000314116478

 $VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32$

0.000314109988 ± 1.25663627181805E-06





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	138.568741	138.568741 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	72.755127	72.755127 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	6.97866201	6.97866201 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	88.6500702	88.6500702 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	7415	7415 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	6666	6666 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3437401088	3437401088	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3437401088	3437401088	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	9.7990036e-005	9.79999968e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	543	543 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	199.050003	199 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.82931423	6.82931423 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	81.3328171	81.3328171 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	33198	33198 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	7778	7778 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3437401088	3437401088	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3437401088	3437401088	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	9.7990036e-005	9.79999968e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

T						
Actual Function	Count	Expected Function	Count	Result		
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~		

Name	Input Value		
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 Cu	urrontTimo	
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn 2	mentime	
VehDyn PinTrqSV M str.K Uls f32	0.000250000012		
k AutoCntrHiSpdCntrWindow HwDeg f32	8.86355877		
k AutoCntrHiSpdFilt1Kn Hz f32	0.00899999961		
k AutoCntrHiSpdFilt2Kn Hz f32	0.0250000004		
k AutoCntrHiSpdTimer1MtrVel MtrRadpS f32	123.465202		
k AutoCntrHiSpdTimer1PinTrq HwNm f32	10.8994331		
k AutoCntrHiSpdTimer1VehSpd kph f32	82.6047821		
k AutoCntrHiSpdTimer1 mS u16	14014		
k AutoCntrHiSpdTimer2 mS u16	7777		
k AutoCntrHiSpdTimer4CntrWindow HwDeg f32	27.8338795		
k AutoCntrHiSpdTimer4MtrVel MtrRadpS f32	39.6259003		
k AutoCntrHiSpdTimer4PinTrq HwNm f32	6.01894903		
k AutoCntrHiSpdTimer4VehSpd kph f32	184.136215		
k AutoCntrHiSpdTimer4 mS u16	22354		
k AutoCntrLoSpdCntrWindow HwDeg f32	99.932251		
k AutoCntrLoSpdFilt1Kn Hz f32	0.029999993		
k AutoCntrLoSpdFilt2Kn Hz f32	0.063000001		
k AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	9		
k AutoCntrLoSpdTimer1PinTrg HwNm f32	0		
k AutoCntrLoSpdTimer1VehSpd kph f32	65.6970062		
k AutoCntrLoSpdTimer1 mS u16	21335		
k AutoCntrLoSpdTimer2 mS u16	34188		
k AutoCntrPinTrqLPFCoeffKn Hz f32	0.00899999961		
k SLPEnableBFCheck Cnt Igc	0		
k_SLPHwAuthority_Uls_f32	0.0408000015		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	1280.94995		
target Rte Inst Ap VehDyn 2.VehDyn Init1 FaultBFActive Cnt Igc	target VehDyn Init1 FaultBFActi	ve Cnt lac	
target Rte Inst Ap VehDyn 2.Pim MotPosReset	target Pim MotPosReset	vo_one_igo	
target VehDyn Init1 FaultBFActive Cnt lgc.value	0		
tgt_GetSystemTime_mS_u32_CurrentTime	3494315776		
Name		Expected Value	Result
	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	39.6259003	39.6259003 ± 0.2	_
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	184.136215	184.136215 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.01894903	6.01894903 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	27.8338795	27.8338795 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	14014 22354	14014 ± 2 22354 ± 2	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3494315776	3494315776	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3494315776	3494315776	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000376939774	0.000376920012 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	123.465202	123.465202 ± 0.2	•
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	82.6047821	82.6047821 ± 0.5	•
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10.8994331	10.8994331 ± 0.04	•
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	8.86355877	8.86355877 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	14014	14014 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	7777	7777 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3494315776	3494315776	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3494315776	3494315776	✓
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	✓
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	9	9 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	65.6970062	65.6970062 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	0	0 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	99.932251	99.932251 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21335	21335 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	34188	34188 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3494315776	3494315776	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3494315776	3494315776	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000376939774	0.000376920012 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	✓
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.0408000015	0.0408000015	~
VehDyn_SLPHwPos_HwDeg_M_f32	1280.94995	1280.94995	

Τ					
Actual Function	Count	Expected Function	Count	Res	ult
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1		~

Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn 2	
VehDyn PinTrqSV M str.K Uls f32	0.000289999996	
k AutoCntrHiSpdCntrWindow HwDeg f32	26.9095516	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0344000012	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.063000001	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	162.400772	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	14.9627428	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	114.852692	
k_AutoCntrHiSpdTimer1_mS_u16	48224	
k_AutoCntrHiSpdTimer2_mS_u16	8888	
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	47.4006882	
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	585.574707	
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	4.31293392	
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	65.4458923	
k_AutoCntrHiSpdTimer4_mS_u16	32015	
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	26.1026459	
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0458000004	
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00200000009	
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	533	
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	20	
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	23.0135193	
k_AutoCntrLoSpdTimer1_mS_u16	12258	
k_AutoCntrLoSpdTimer2_mS_u16	36416	
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0344000012	
k_SLPEnableBFCheck_Cnt_lgc	1	
k_SLPHwAuthority_Uls_f32	0.0474000014	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0	
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1256.91699	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFActive_Cnt_Igc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1	
tgt_GetSystemTime_mS_u32_CurrentTime	463842816	
Name	Actual Value Expected Value	Resul
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	585.574707 585.574707 ± 0.2	•
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	65.4458923 65.4458923 ± 0.5	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.31293392	4.31293392 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	47.4006882	47.4006882 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	48224	48224 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	32015	32015 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	463842816	463842816	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	463842816	463842816	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575373997 ± 1.25663627181805E-06	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	162.400772	162.400772 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	114.852692	114.852692 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.9627428	14.9627428 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	26.9095516	26.9095516 ± 0.0625	•
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	48224	48224 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	8888	8888 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	463842816	463842816	-
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	463842816	463842816	✓
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000432193279	0.000432189991 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	533	533 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	23.0135193	23.0135193 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	26.1026459	26.1026459 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	12258	12258 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36416	36416 ± 2	✓
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	463842816	463842816	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	463842816	463842816	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575373997 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000432193279	0.000432189991 ± 1.25663627181805E-06	-
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

T				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.11 (Repeat Count = 1)	· ·
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00033000001
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	49.6496849
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0458000004
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00200000009
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	546.656738
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	11.7334461
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	136.718338
k_AutoCntrHiSpdTimer1_mS_u16	4828
k_AutoCntrHiSpdTimer2_mS_u16	9999
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	33.7199783
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	689.916992
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	9.30665016
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	223.376236
k_AutoCntrHiSpdTimer4_mS_u16	49523
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	17.6228924
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00499999989
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00499999989
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	570
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	7.05000019
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	7.9233551
k_AutoCntrLoSpdTimer1_mS_u16	34738
k_AutoCntrLoSpdTimer2_mS_u16	36612
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0458000004
k_SLPEnableBFCheck_Cnt_lgc	0
k_SLPHwAuthority_Uls_f32	0.0540000014
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1232.88403
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFActive_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0





Name	Input Value		
tgt_GetSystemTime_mS_u32_CurrentTime	1759885568		
Name	Actual Value	Expected Value	Resu
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	689.916992	689.916992 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	223.376236	223.376236 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	9.30665016	9.30665016 ± 0.04	•
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	33.7199783	33.7199783 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	4828	4828 ± 2	١ ،
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	49523	49523 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1759885568	1759885568	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1759885568	1759885568	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	546.656738	546.656738 ± 0.2	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	136.718338	136.718338 ± 0.5	•
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	11.7334461	11.7334461 ± 0.04	•
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	49.6496849	49.6496849 ± 0.0625	•
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	4828	4828 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	9999	9999 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1759885568	1759885568	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1759885568	1759885568	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575373997 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	570	570 ± 0.2	
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	7.9233551	7.9233551 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.05000019	7.05000019 ± 0.04	
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	17.6228924	17.6228924 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	34738	34738 ± 2	
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36612	36612 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1759885568	1759885568	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1759885568	1759885568	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000575363636	0.000575373997 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0.0540000014	0.0540000014	•
VehDyn SLPHwPos HwDeg M f32	1232.88403	1232.88403	

Т				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.12 (Repeat Count = 1) Name	Input Value
	·
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000369999994
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	97.9824524
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00499999989
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00499999989
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	650.888245
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	14.2269373
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	83.2932739
k_AutoCntrHiSpdTimer1_mS_u16	13561
k_AutoCntrHiSpdTimer2_mS_u16	11110
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	84.8904648
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	13.5116568
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	14.3859873
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	200.00708
k_AutoCntrHiSpdTimer4_mS_u16	3778
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	0
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00899999961
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00520000001
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	497
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	19.0077152
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	82.6157227
k_AutoCntrLoSpdTimer1_mS_u16	37799
k AutoCntrLoSpdTimer2 mS u16	41632
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989
k SLPEnableBFCheck Cnt lgc	1
k SLPHwAuthority Uls f32	0.0606000014
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	0

VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32

VehDyn AutoCntrLoSpd M str.Timer2 mS u32

VehDyn_PinTrqSV_M_str.K_Uls_f32

VehDyn_SLPHwAuth_Uls_M_f32 VehDyn_SLPHwPos_HwDeg_M_f32

VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32

VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16

VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32

VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32

VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32

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VehDyn_Init1 Input Value target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 1208.85095 target_VehDyn_Init1_FaultBFActive_Cnt_lgc $target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc$ target Rte Inst Ap VehDyn 2.Pim MotPosReset target Pim MotPosReset target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value tgt_GetSystemTime_mS_u32_CurrentTime 1662097408 **Actual Value Expected Value** Result VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 13.5116568 13.5116568 ± 0.2 VehDyn AutoCntrDetSpd M str.VehSpd kph f32 200.00708 200.00708 ± 0.5 $VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32$ 14.3859873 14.3859873 ± 0.04 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 84.8904648 84.8904648 ± 0.0625 VehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16 13561 13561 + 2VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 3778 3778 ± 2 1662097408 1662097408 VehDyn AutoCntrDetSpd M str.Timer1 mS u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 1662097408 1662097408 VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32 0.000113070011 0.000113091002 + 1.25663627181805F-06 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 6.53266907e-005 6.53000025e-005 ± 1.25663627181805E-06 650.888245 650.888245 ± 0.2 VehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 83.2932739 83.2932739 ± 0.5 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 14.2269373 14.2269373 ± 0.04 $VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32$ 97.9824524 97.9824524 ± 0.0625 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 13561 13561 ± 2 $VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16$ 11110 11110 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 1662097408 1662097408 $VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32$ 1662097408 1662097408 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-06 $VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32$ 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 497 ± 0.2

T				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

82.6157227

19.0077152

1662097408

1662097408

0.000113070011

6.53266907e-005

6.28232956e-005

0

0

37799

41632

82.6157227 ± 0.5

19.0077152 ± 0.04

0 ± 0.0625

37799 ± 2

41632 ± 2

1662097408

1662097408

0

0.000113091002 ± 1.25663627181805E-06

6.53000025e-005 ± 1.25663627181805E-06

6.2799998e-005 ± 1.25663627181805E-06

Test Step 2.13 (Repeat Count = 1)	u de la companya de
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000410000008
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	76.7621613
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00899999961
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00520000001
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	203.632965
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	11.2671566
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	127.052841
k_AutoCntrHiSpdTimer1_mS_u16	2974
k_AutoCntrHiSpdTimer2_mS_u16	12221
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	71.4314346
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	460.300537
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	5.9040184
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	118.848923
k_AutoCntrHiSpdTimer4_mS_u16	41925
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	100
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0250000004
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0320999995
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	31
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	18.3913727
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	202.272995
k_AutoCntrLoSpdTimer1_mS_u16	8366
k_AutoCntrLoSpdTimer2_mS_u16	51002





Name	Input Value		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00899999961		
k_SLPEnableBFCheck_Cnt_lgc	0		
k_SLPHwAuthority_Uls_f32	0.0671999976		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1184.81799		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFAct	ive_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0		
tgt_GetSystemTime_mS_u32_CurrentTime	2127166208		
Name	Actual Value	Expected Value	Result
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	460.300537	460.300537 ± 0.2	~
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	118.848923	118.848923 ± 0.5	~
VehDyn AutoCntrDetSpd M str.FiltPinTrq HwNm f32	5.9040184	5.9040184 ± 0.04	~
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	71.4314346	71.4314346 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	2974	2974 ± 2	~
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	41925	41925 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2127166208	2127166208	~
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	2127166208	2127166208	~
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	~
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000403285027	0.000403298996 ± 1.25663627181805E-06	~
VehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	203.632965	203.632965 ± 0.2	~
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	127.052841	127.052841 ± 0.5	~
VehDyn AutoCntrHiSpd M str.FiltPinTrq HwNm f32	11.2671566	11.2671566 ± 0.04	~
VehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	76.7621613	76.7621613 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2974	2974 ± 2	-
VehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	12221	12221 ± 2	~
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	2127166208	2127166208	~
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	2127166208	2127166208	~
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	~
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	6.53266907e-005	6.53000025e-005 ± 1.25663627181805E-06	~
VehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	31	31 ± 0.2	-
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	202.272995	202.272995 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.3913727	18.3913727 ± 0.04	~
VehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	100	100 ± 0.0625	~
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	8366	8366 ± 2	-
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	51002	51002 ± 2	✓
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	2127166208	2127166208	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2127166208	2127166208	✓
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	-
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000403285027	0.000403298996 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.0671999976	0.0671999976	-
VehDyn SLPHwPos HwDeg M f32	1184.81799	1184.81799	-

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.14 (Repeat Count = 1)	
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000449999992
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	65.7764893
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0250000004
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0320999995
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	152.768814
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	15.771925
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	73.3210144
k_AutoCntrHiSpdTimer1_mS_u16	14150
k_AutoCntrHiSpdTimer2_mS_u16	13332
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	89.3387299
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	668.902588
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	20
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	32.1202698
k_AutoCntrHiSpdTimer4_mS_u16	40995
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	67.0500031
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.063000001
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.039999991
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	290





Name	Input Value		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	8.74961567		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	76.098053		
k_AutoCntrLoSpdTimer1_mS_u16	3658		
k_AutoCntrLoSpdTimer2_mS_u16	5853		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0250000004		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.0737999976		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1160.78503		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFAc	ctive_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target Pim MotPosReset		
target VehDyn Init1 FaultBFActive Cnt Igc.value	1		
tgt_GetSystemTime_mS_u32_CurrentTime	4243378688		
Name	Actual Value	Expected Value	Result
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	668.902588	668.902588 ± 0.2	~
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	32.1202698	32.1202698 ± 0.5	✓
VehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	20	20 ± 0.04	-
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	89.3387299	89.3387299 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	14150	14150 ± 2	-
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	40995	40995 ± 2	•
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	4243378688	4243378688	_
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	4243378688	4243378688	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	-
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.00050252676	0.000502528972 ± 1.25663627181805E-06	•
VehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	152.768814	152.768814 ± 0.2	-
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	73.3210144	73.3210144 ± 0.5	•
VehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	15.771925	15.771925 ± 0.04	-
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	65.7764893	65.7764893 ± 0.0625	~
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	14150	14150 ± 2	-
VehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	13332	13332 ± 2	~
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	4243378688	4243378688	
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	4243378688	4243378688	
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	,
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000314110478	0.000314109988 ± 1.25063627181805E-06	·
· - · ·	290	290 ± 0.2	,
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	76.098053	76.098053 ± 0.5	· ·
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	8.74961567	8.74961567 ± 0.04	
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32			
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	67.0500031	67 ± 0.0625	,
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	3658	3658 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	5853	5853 ± 2	-
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4243378688	4243378688	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4243378688	4243378688	✓
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00050252676	0.000502528972 ± 1.25663627181805E-06	V
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Τ				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.15 (Repeat Count = 1)	✓
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000490000006
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	38.6106339
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.063000001
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0850000009
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	58.1886024
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.81883907
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	49.8758698
k_AutoCntrHiSpdTimer1_mS_u16	23629
k_AutoCntrHiSpdTimer2_mS_u16	14443
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	20.9637165
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	84.1278992
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	3.85283899
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	50.9156036
k_AutoCntrHiSpdTimer4_mS_u16	14512

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Input Value



Name



k_AutoCntrLoSpdCntrWindow_HwDeg_f32	69.9473343		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00200000009		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0350000001		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	604		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	2.58473921		
k AutoCntrLoSpdTimer1VehSpd kph f32	60.232254		
k AutoCntrLoSpdTimer1 mS u16	0		
k AutoCntrLoSpdTimer2 mS u16	23667		
k AutoCntrPinTrqLPFCoeffKn Hz f32	0.063000001		
k SLPEnableBFCheck Cnt Igc	0		
k SLPHwAuthority Uls f32	0.0803999975		
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	1		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1136.75195		
target Rte Inst Ap VehDyn 2.VehDyn Init1 FaultBFActive Cnt Igc	target VehDyn Init1 FaultBFActive Cnt	Igc	
target Rte Inst Ap VehDyn 2.Pim MotPosReset	target Pim MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_Igc.value	0		
tgt_GetSystemTime_mS_u32_CurrentTime	1050692864		
Name	Actual Value	Expected Value	Result
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	84.1278992	84.1278992 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	50.9156036	50.9156036 ± 0.5	✓
VehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	3.85283899	3.85283899 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	20.9637165	20.9637165 ± 0.0625	~
VehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	23629	23629 ± 2	
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	14512	14512 ± 2	~
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	1050692864	1050692864	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1050692864	1050692864	~
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000439703465	0.000439725991 ± 1.25663627181805E-06	~
VehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	58.1886024	58.1886024 ± 0.2	-
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	49.8758698	49.8758698 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.81883907	8.81883907 ± 0.04	
VehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	38.6106339	38.6106339 ± 0.0625	~
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	23629	23629 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	14443	14443 ± 2	V
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	1050692864	1050692864	
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	1050692864	1050692864	V
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	_
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00106757879	0.00106757099 ± 1.25663627181805E-06	~
VehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	604	604 ± 0.2	
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	60.232254	60.232254 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	2.58473921	2.58473921 ± 0.04	
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	69.9473343	69.9473343 ± 0.0625	~
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	0	0 ± 2	
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	23667	23667 ± 2	V
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1050692864	1050692864	
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	1050692864	1050692864	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000439703465	0.000439725991 ± 1.25663627181805E-06	~
VehDyn PinTrqSV M str.K Uls f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	
VehDyn_SLPHwAuth_Uls_M_f32	0.0803999975	0.0803999975	~
VehDyn SLPHwPos HwDeg M f32	1136.75195	1136.75195	
VOID JII_OEI TIWI OO_TIWDOG_INI_IOZ	1.130.73103	1100.70100	
T			✓

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Name	Innut Value	
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000530000019	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	41.6642952	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00200000009	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00899999961	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	338.634766	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.68194199	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	18.1331787	
k_AutoCntrHiSpdTimer1_mS_u16	42430	
k_AutoCntrHiSpdTimer2_mS_u16	15554	
k AutoCntrHiSpdTimer4CntrWindow HwDeg f32	11.2356644	





Name	Input Value		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	269.545135		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	13.7515726		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	62.7014771		
k_AutoCntrHiSpdTimer4_mS_u16	28023		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	11.1490717		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00499999989		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0560000017		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	554		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	20		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	123.001526		
k_AutoCntrLoSpdTimer1_mS_u16	60000		
k_AutoCntrLoSpdTimer2_mS_u16	49369		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00200000009		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.0869999975		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1112.71899		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFActive_0	Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1		
tgt_GetSystemTime_mS_u32_CurrentTime	3039943680		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	269.545135	269.545135 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	62.7014771	62.7014771 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	13.7515726	13.7515726 ± 0.04	-
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	11.2356644	11.2356644 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	42430	42430 ± 2	-
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	28023	28023 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3039943680	3039943680	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3039943680	3039943680	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000703454018	0.000703468977 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	338.634766	338.634766 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	18.1331787	18.1331787 ± 0.5	•
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.68194199	8.68194199 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	41.6642952	41.6642952 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	42430	42430 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	15554	15554 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3039943680	3039943680	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3039943680	3039943680	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	554	554 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	123.001526	123.001526 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	11.1490717	11.1490717 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	60000	60000 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	49369	49369 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3039943680	3039943680	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3039943680	3039943680	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000703454018	0.000703468977 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.17 (Repeat Count = 1)		✓
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000569999975	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	34.2725372	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00499999989	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00100000005	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	339.617279	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	13.0185966	

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VehDyn_Init1



Auto-Certification of March 1997 1997	Name	Input Value		
AutoContribipationert.mg.urg.urg.urg.urg.urg.urg.urg.urg.urg.ur	k AutoCntrHiSpdTimer1VehSpd kph f32	•		
### AutoContribigationsetWork (Mindreg 1928) 522		35564		
AutoChristRetTimeRetPrint_Horthm.fts2 104481328	k_AutoCntrHiSpdTimer2_mS_u16	16665		
AuthOnHisperTimerRePrinty Nohem, 192 24.48.28.29.2	k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	47.4165878		
AutoChriftSpaTimerk*UniSpa*UniSpa*Un	k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	345.451324		
AuthOrticle Sport Filt AuthOrticle Sport F	k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	1.04481328		
\$\text{AutoCirclasSpdTintNinnow, HwDeg_Q2}	k_AutoCntrHiSpdTimer4VehSpd_kph_f32	254.828232		
K.AutSchrichsSpdfiritten 1st 252 0.00520000001	k_AutoCntrHiSpdTimer4_mS_u16	46550		
AutoCartioSpeffinerAmy/AuthFatges_512	k_AutoCntrLoSpdCntrWindow_HwDeg_f32	11.0835915		
KAUSCHICKSSCHIME** PhiTiq MM/192 15/1435442	k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00520000001		
K_AUBCORT LOSPOT TIMEN** The NAME The The The NAME The The NAME The The The The NAME The	k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0670000017		
K_AutoCnit aSpdTimert \	k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	261.848846		
K_AutoCntrisSpdTimert_ms_us_16	k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	16.7432442		
\$\text{kunchtsispdfilmerz_ms_urls_k_122}	k_AutoCntrLoSpdTimer1VehSpd_kph_f32	65.1780853		
K_SLPEnableBChoke, Crt. Igo Larget, Pim, MoPoReseet, MMStored LasPos/ HuOpg, 122 Larget, Pim, MoPoReseet, MMStored LasPos, HuOpg, 122 Larget, Pim, MoPoReseet, MMStored LasPos, HuOpg, 122 Larget, Pim, MoPoReseet, MMStored LasPos, HuOpg, 122 Larget, Rel. Inst. Ap., VehDyn, 2 Pim, MoPoReseet, Crt. Igo: Larget, Pim, MoPoReseet, Pim, MoPoReseet, Pim, MoPoReseet, Pim, MoPoReseet, Pim, MoPoReseet, Pim, MoPoReseet, Pim, MoPo	k_AutoCntrLoSpdTimer1_mS_u16	18774		
K_SLPHwAuthority_Us_152	k_AutoCntrLoSpdTimer2_mS_u16	16088		
Light Plank Underlyn, Uis, 132 1088.68004 1088.6800	k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989		
Isrget_Pim_MorPosReset.NVMStored.safPos_HwDeg_1732 1088.88604 1879 1979	k_SLPEnableBFCheck_Cnt_lgc	0		
target_Rei_inst_Ap_VehDyn_2VehDyn_init1_FaultBFActive_Cnt_ipc target_Rei_inst_Ap_VehDyn_2VehDyn_init1_FaultBFActive_Cnt_ipc target_VehDyn_init1_FaultBFActive_Cnt_ipc_value t	k_SLPHwAuthority_Uls_f32	0.0935999975		
target Rie Inst. Ap. VehDyn. 2 VehDyn. Init! FaultBFActive Cnt. Igc target Rie. Inst. Ap. VehDyn. 2 Pim. Moffor Reset target Lymby. Init! FaultBFActive Cnt. Igc value 1316564736 Name	target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Nein_Inst_Ap_VeinDyn_1 2Pm_MotiPscReset target_VeinDyn_Initi_FaultBFActive_Cnt_lgcvalue tyr_CelsiystenTime_ms_U32_CurrentTime 116664736 Name Actual Value Expected Value Result VeinDyn_AutoCntrDetSpd_M_str_MtVei_MtRadpS_t92 345,451324	target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1088.68604		
target LyehDyn_Init_FaultEPActive_Crit_lgc.value tgt_GetSystemTime_mS_u32_currentTime Actual Value Actual Value Actual Value Actual Value Expected Value Result VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 345.451324 345.451324 345.451324±0.2 ✓ VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 254.822322 254.822232 254.822832 ±0.5 ✓ VehDyn_AutoCntrDetSpd_M_str.FiliPinTrq_Hwhm_f32 1.04481328 1.04481328 1.04481328 4.74168878 4.74168878 4.74168878 ±0.0625 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer1Tresh_mS_u16 35664 35664 35664 53664.2 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer1Tresh_mS_u16 46550 46550 ±2 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer1Tresh_mS_u16 46550 46550 ±2 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer1Tresh_mS_u32 1316564736 1316564736 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 1316564736 1316564736 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 1316564736 ✓ VehDyn_AutoCntrDetSpd_M_str.Relh+woSpit185V_HwDeg_strk_Uis_f32 0.000841617584 0.000841617584 0.000841591973±1_25663627181005E-06 ✓ VehDyn_AutoCntrHiSpd_M_str.Wtel_MtrRadps_f32 339.617279 338.617279 338.617279±2 338.617279±2 338.617279±2 338.617279±3	target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFActive_Cnt_lgc		
Name	target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
Name Actual Value Expected Value Result VehDyn_AutoCntrDetSpd_M_str.MirVel_MtrRadpS_f32 345.451324 345.451324 ± 0.2 ✓ VehDyn_AutoCntrDetSpd_M_str.ChriSpd_kph_f32 254.828232 254.828232 ± 0.5 ✓ VehDyn_AutoCntrDetSpd_M_str.ChriVindow_HwDeg_f32 1.04481328 1.04481328 ± 0.04 ✓ VehDyn_AutoCntrDetSpd_M_str.ChriVindow_HwDeg_f32 47.4168878 47.4168878 ± 0.0625 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 35564 35564 ± 2 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 1316564736 46550 ± 2 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 1316564736 1316564736 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 1316564736 1316564736 ✓ VehDyn_AutoCntrDetSpd_M_str.RetHwDesFittISV_HwDeg_str.K_UIs_f32 6.53268097e-005 6.53000256-005 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrHiSpd_M_str.MirVel_MtrRadpS_f32 339.617279 339.617279 ± 0.2 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u52 83.596288 83.596286 ± 0.5 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u16 13665 130.186966 <td>target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value</td> <td>0</td> <td></td> <td></td>	target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0		
VehDyn_AutoCntrDetSpd_M_str.NtrVel_MtrRadpS_f32 345.451324 345.451324 ± 0.2 ✓ VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 254.828232 254.828232 ± 0.5 ✓ VehDyn_AutoCntrDetSpd_M_str.FiliPinTrq_HwNm_f32 1.04481328 1.04481328 ± 0.04 ✓ VehDyn_AutoCntrDetSpd_M_str.FiliPinTrq_HwNm_f32 47.4165878 47.4165878 ± 0.0625 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 35564 35564 ± 2 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 46550 46550 ± 2 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 1316564736 1316564736 1316564736 VehDyn_AutoCntrDetSpd_M_str.Rell+WpoSeritItSV_HwDeg_str.K_Uls_f32 6.53268907e-005 6.5300025e-005 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrDetSpd_M_str.Rell+WpoSeritItSV_HwDeg_str.K_Uls_f32 30.9617279 339.817279 ± 0.2 ✓ VehDyn_AutoCntrHiSpd_M_str.MirkPal_MradpS_f32 33.556628 85.556268 ± 0.5 ✓ VehDyn_AutoCntrHiSpd_M_str.FiliPinTrq_HwNm_f32 13.0185966 13.0185966 ± 0.04 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 35564 35564 ± 2 ✓ VehDyn_AutoCntrHiSpd_M_st	tgt_GetSystemTime_mS_u32_CurrentTime	1316564736		
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 254.828232 254.828232 ± 0.5 ✓ VehDyn_AutoCntrDetSpd_M_str.FillPhTrq_Hwhm_f32 1.04481328 1.04481328 47.4168878 ± 0.0625 ✓ VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 47.4168878 47.4168878 ± 0.0625 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 35564 35564 ± 2 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 46550 46550 ± 2 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 1316564736 1316564736 1316564736 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 1316564736 1316564736 6.530000256-005 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrDetSpd_M_str.RetHwPosFittSV_HwDeg_str.K_Uls_f32 0.000841617584 0.000841619173 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrHispd_M_str.RetHwPosFittSV_HwDeg_str.K_Uls_f32 339.617279 339.617279 ± 0.2 ✓ VehDyn_AutoCntrHispd_M_str.Timer1_mFun_f32 13.0185966 13.0185961 ± 0.04 ✓ VehDyn_AutoCntrHispd_M_str.Timer1_mS_us_f6 35564 35564 ± 2 ✓ VehDyn_AutoCntrHispd_M_str.Timer2_mS_us2 1316564736 1316564736	Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 254.828232 254.828232 ± 0.5 ✓ VehDyn_AutoCntrDetSpd_M_str.FilliPhiTrq_HwNm_f32 1.04481328 1.04481328 ± 0.04 ✓ VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 47.4165878 47.4165878 47.4165878 √ VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 35564 35564 ± 2 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 1316564736 1316564736 1316564736 1316564736 1316564736 35664 ± 2 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 1316564736 1316564736 1316564736 530000256-005 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrDetSpd_M_str.RetHwPosFiltSV_HwDeg_str.K_Uls_f32 0.000841617584 0.000841691973 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrHispd_M_str.RetHwPosFiltSV_HwDeg_str.K_Uls_f32 339.617279 339.617279 ± 0.2 ✓ VehDyn_AutoCntrHispd_M_str.Timer1_mS_u5 35566288 83.5966268 ± 0.5 ✓ VehDyn_AutoCntrHispd_M_str.Timer1_mS_u5 13.0185966 13.0185966 ± 0.04 ✓ VehDyn_AutoCntrHispd_M_str.Timer1_mS_u32 1316564736 1316564736 1316564736 ✓	VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	345.451324	345.451324 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 1.04481328 1.04481328 ± 0.04 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer1Trmss_M_s_16 35564 35564 ± 2 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer1Trmss_M_s_16 46550 46550 ± 2 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2Trresh_mS_u18 46550 46550 ± 2 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2Trresh_mS_u22 1316564736 1316564736 1316564736 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 1316564738 1316564736 ✓ VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitISV_HwDeg_str.K_Uls_132 0.000841617584 0.00000564736 € VehDyn_AutoCntrHiSpd_M_str.Well_MtrRadpS_f32 339.017279 339.017279± 0.2 ✓ VehDyn_AutoCntrHiSpd_M_str.Well_MtrRadpS_f32 43.0185668 83.5962268 83.5962268 83.5962268 ± 0.5 ✓ VehDyn_AutoCntrHiSpd_M_str.Well_MtrRadpS_f32 43.2725372 34.2725372 34.2725372 34.2725372 34.2725372 34.2725372 34.2725372 34.2725372 34.2725372 34.2725372 34.2725372 34.2725372 34.2725372 34.2725372 34.2725372 34.2725372 34.2725372 34.2725372 34.272537		254.828232	254.828232 ± 0.5	✓
VehDyn_AutoCntrDetSpd_M_str. CntrWindow_HwDeg_f32 47.4168878 47.4168878 ± 0.0625 ✓ VehDyn_AutoCntrDetSpd_M_str. Timer1Thresh_mS_u16 35564 35564 ± 2 ✓ VehDyn_AutoCntrDetSpd_M_str. Timer1_mS_u32 1316564736 1316564736 ✓ VehDyn_AutoCntrDetSpd_M_str. Timer2_mS_u32 1316564736 1316564736 ✓ VehDyn_AutoCntrDetSpd_M_str. RelHwPosFitItSV_HwDeg_str.K_UIs_f32 0.65269076-005 6.530000256-005 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrDetSpd_M_str. RelHwPosFitItSV_HwDeg_str.K_UIs_f32 0.000841617584 0.000841591973 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrHiSpd_M_str. VehSpd_kph_f32 339.617279 339.617279 ± 0.2 ✓ VehDyn_AutoCntrHiSpd_M_str. VehSpd_kph_f32 13.0185966 13.0185966 ± 0.0 ✓ VehDyn_AutoCntrHiSpd_M_str. Timer1Thresh_mS_u16 35564 35564 ± 2 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 35564 35564 ± 2 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 1316564736 1316564736 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 1316564736 1316564736 ✓ ✓ VehDyn_AutoCntrHiSpd_M_str.		1.04481328	1.04481328 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 46550 46550 ± 2 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 46550 46550 ± 2 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 1316564736 1316564736 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 1316564736 1316564736 ✓ VehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.K_UIs_f32 6.53268907e-005 6.53000025e-005 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrHiSpd_M_str.RelHwPosFittSV_HwDeg_str.K_UIs_f32 0.000841617584 0.00084159173 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrHiSpd_M_str.RelHwPosFittSV_HwDeg_str.K_UIs_f32 339.617279 339.617279 ± 0.2 ✓ VehDyn_AutoCntrHiSpd_M_str.NetSpd_kph_f32 43.0185966 13.0185966 ± 0.5 ✓ VehDyn_AutoCntrHiSpd_M_str.FittPinTrq_HwMm_f32 13.0185966 13.0185966 ± 0.04 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer1_mrs_mS_u16 35564 35564 ± 2 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 1316564736 1316564736 1316564736 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 1316564736 1316564736 1316564736 ✓		47.4165878	47.4165878 ± 0.0625	✓
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32 1316564736 1316564736 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 1316564736 1316564736 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 1316564736 1316564736 ✓ VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 6.53266907e-005 6.53000025e-005±1.25663627181805E-06 ✓ VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 0.000841617584 0.000841591973±1.25663627181805E-06 ✓ VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 339.617279 339.617279±0.2 342.725372 342.725372±0.2 342.72537		35564	35564 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 1316564736 1316564736 1316564736 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 1316564736 1316564736 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 4316564736 1316564736 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitItSV_HwDeg_str.K_UIs_f32 0.000841617584 0.000841591973 ±1.25663627181805E-06 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitItSV_HwDeg_str.K_UIs_f32 0.000841617584 0.000841591973 ±1.25663627181805E-06 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitIdSV_HwDeg_str.K_UIs_f32 339.617279 339.617279 ±0.2 VehDyn_AutoCntrHiSpd_M_str.Window_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_hwS_u16 13.0185966 13.0185966 ±0.04 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_hwS_u16 35564 35564 ±2 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_hwS_u16 16665 16665 ±2 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 1316564736 1316564736 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 1316564736 1316564736 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 1316564736 1316564736 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitI15V_HwDeg_str.K_UIs_f32 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLiCopd_M_str.RelHwPosFitI15V_HwDeg_str.K_UIs_f32 261.848846 261.848846 ±0.2 VehDyn_AutoCntrLiCopd_M_str.RelHwPosFitI25V_HwDeg_str.K_UIs_f32 461.7432442 16.74		46550	46550 ± 2	✓
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 1316564736 1316564736 ✓ VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitItSV_HwDeg_str.K_UIs_f32 6.53266907e-005 6.53000025e-005 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitItSV_HwDeg_str.K_UIs_f32 0.000841617584 0.000841591973 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 339.617279 339.617279 ± 0.2 ✓ VehDyn_AutoCntrHiSpd_M_str.FitPinTq_HwNtr_f32 13.0185966 13.0185966 ± 0.04 ✓ VehDyn_AutoCntrHiSpd_M_str.FitPinTq_HwNtr_f32 34.2725372 34.2725372 ± 0.06625 ✓ VehDyn_AutoCnttHiSpd_M_str.Timer1_mS_u16 35564 35564 ± 2 ✓ VehDyn_AutoCnttHiSpd_M_str.Timer1_mS_u32 1316564736 1316564736 316564736 VehDyn_AutoCnttHiSpd_M_str.Timer1_mS_u32 1316564736 1316564736 ✓ VehDyn_AutoCnttHiSpd_M_str.RelHwPosFitItSV_HwDeg_str.K_UIs_f32 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-06 ✓ VehDyn_AutoCnttLoSpd_M_str.RelHwPosFitItSV_HwDeg_str.K_UIs_f32 261.848846 261.848846 ± 0.2 ✓ VehDyn_AutoCnttLoSpd_M_str.RelHwPosFitItSV_HwDeg_str.K_UIs_f32 65.1780853 65.17808		1316564736	1316564736	~
VehDyn_AutoCntrDelSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 0.000841617584 0.000841591973 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 339.617279 339.617279 ± 0.2 VehDyn_AutoCntrHiSpd_M_str.NehSpd_kph_f32 83.5956268 83.5956268 ± 0.5 VehDyn_AutoCntrHiSpd_M_str.FiltPrinrq_HwNm_f32 13.0185966 13.0185966 ± 0.04 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 35564 35564 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 35564 35564 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 16665 16665 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer1Pm_su32 1316564736 1316564736 VehDyn_AutoCntrHiSpd_M_str.Timer2m_su32 1316564736 1316564736 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 261.848846 261.848846 ± 0.2 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 65.1780853 ± 0.5 46.17432442 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.FiltPinTq_HwNm_f32 16.7432442 16.7432442 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 18074 18774 ±	VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1316564736	1316564736	•
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 339.617279 339.617279 ± 0.2 ✓ VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 83.5956268 83.5956268 ± 0.5 ✓ VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 13.0185966 13.0185966 ± 0.04 ✓ VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 34.2725372 34.2725372 ± 0.0625 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 35564 35564 ± 2 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 16665 16665 ± 2 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 1316564736 1316564736 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 1316564736 1316564736 ✓ VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_UIs_f32 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_UIs_f32 261.848846 261.848846 ± 0.2 ✓ VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 65.1780853 65.1780853 ± 0.5 ✓ VehDyn_AutoCntrLoSpd_M_str.Timer1_mHwnm_f32 16.7432442 16.7432442 ± 0.04 ✓ VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.53266907e-005	6.53000025e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 83.5956268 83.5956268 ± 0.5 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 13.0185966 13.0185966 ± 0.04 VehDyn_AutoCntrHiSpd_M_str.CnttWindow_HwDeg_f32 34.2725372 34.2725372 ± 0.0625 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 35564 35564 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer1ms_u32 1316564736 1316564736 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 1316564736 1316564736 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 1316564736 1316564736 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFittSV_HwDeg_str.K_UIs_f32 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIs_f32 12.57658e-005 1.26000004e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIs_f32 261.848846 261.848846 ± 0.2 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 65.1780853 65.1780853 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 16.7432442 16.7432442 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u16 18774 18774 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 16088 16088 ± 2	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000841617584	0.000841591973 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 13.0185966 13.0185966 ± 0.04 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 34.2725372 34.2725372 ± 0.0625 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 35564 35564 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 1316564736 1316564736 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 1316564736 1316564736 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 1316564736 1316564736 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 1.257658e-005 1.26000004e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 261.848846 261.848846 ± 0.2 VehDyn_AutoCntrLoSpd_M_str.PitPinTrq_HwNm_f32 65.780853 65.1780853 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.FitPinTrq_HwNm_f32 16.7432442 16.7432442 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 18774 18774 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 18774 18774 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 1316564736 1316564736 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	339.617279	339.617279 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_Hwbeg_f32 34.2725372 34.2725372 ± 0.0625 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 35564 35564 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 16665 16665 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 1316564736 1316564736 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 1316564736 1316564736 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiilt15V_HwDeg_str.K_UIs_f32 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLiSpd_M_str.RelHwPosFiilt2SV_HwDeg_str.K_UIs_f32 1.257658e-005 1.26000004e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RitrVel_MtrRadpS_f32 261.848846 261.848846 ± 0.2 VehDyn_AutoCntrLoSpd_M_str.RitPinTra_HwNm_f32 65.1780853 65.1780853 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.FiltPinTra_HwNm_f32 16.7432442 16.7432442 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 11.0835915 11.0835915 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 18774 18774 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u32 1316564736 1316564736 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 1316564736 1316564736 <td>VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32</td> <td>83.5956268</td> <td>83.5956268 ± 0.5</td> <td>~</td>	VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	83.5956268	83.5956268 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 35564 35564 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 16665 16665 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 1316564736 1316564736 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 1316564736 1316564736 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 1.257658e-005 1.2600004e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 261.848846 261.848846 ± 0.2 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 261.848846 261.848846 ± 0.2 VehDyn_AutoCntrLoSpd_M_str.PiltPinTrq_HwNm_f32 65.1780853 65.1780853 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 11.0835915 11.0835915 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 18774 18774 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 1316564736 1316564736 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 1316564736 1316564736 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFittSV_HwDeg_str.K_UIs_f32 6.53266907e-005 6.532000	VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	13.0185966	13.0185966 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 16665 16665 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 1316564736 1316564736 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 1316564736 1316564736 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 1.257658e-005 1.26000004e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 1.257658e-005 1.26000004e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 1.257658e-005 1.26000004e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt3SV_HwDeg_str.K_UIs_f32 65.1780853 65.1780853 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.FilterImTrq_HwNm_f32 16.7432442 16.7432442 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 11.0835915 11.0835915 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u16 18774 18774 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 1316564736 1316564736 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 1316564736 1316564736 VehDyn_AutoCntrLoSpd_M_str.Ti	VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	34.2725372	34.2725372 ± 0.0625	✓
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 1316564736 1316564736 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 1316564736 1316564736 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_UIs_f32 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_UIs_f32 1.257658e-005 1.26000004e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 261.848846 261.848846 ± 0.2 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 65.1780853 65.1780853 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 16.7432442 16.7432442 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 11.0835915 11.0835915 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 18774 18774 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 1316564736 1316564736 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 1316564736 1316564736 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 1316564736 1316564736 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_UIs_f32 6.53266907e-005 6.53000025e-005 ± 1.25663627181805E-06 VehDyn_PinTrqSV_M_str.K_UIs_f32 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-06 Veh	VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	35564	35564 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 1316564736 1316564736 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 1.257658e-005 1.26000004e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 261.848846 261.848846 ± 0.2 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 65.1780853 65.1780853 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 16.7432442 16.7432442 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 11.0835915 11.0835915 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 18774 18774 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 16088 16088 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 1316564736 1316564736 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 6.53266907e-005 6.53000025e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000841617584 0.000841591973 ± 1.25663627181805E-06 VehDyn_PinTrqSV_M_str.K_UIs_f32 6.28232956e-005 6.2879998e-005 ± 1.25663627181805E-06 VehDyn_SLPHwAuth_UIs_M_f32 0.0935999975	VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	16665	16665 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Rell+wPosFilt1SV_HwDeg_str.K_UIs_f32 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 1.257658e-005 1.26000004e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 261.848846 261.848846 ± 0.2 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 65.1780853 65.1780853 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 16.7432442 16.7432442 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 11.0835915 11.0835915 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 18774 18774 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 16088 16088 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 1316564736 1316564736 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 1316564736 1316564736 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 6.53266907e-005 6.53000025e-005 ± 1.25663627181805E-06 VehDyn_PinTrqSV_M_str.K_UIs_f32 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-06 VehDyn_SLPHwAuth_UIs_M_f32 0.0935999975 0.0935999975	VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1316564736	1316564736	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 1.257658e-005 1.26000004e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 261.848846 261.848846 ± 0.2 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 65.1780853 65.1780853 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 16.7432442 16.7432442 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 11.0835915 11.0835915 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 18774 18774 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 16088 16088 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 1316564736 1316564736 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 1316564736 1316564736 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 6.53266907e-005 6.53000025e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 0.000841617584 0.000841591973 ± 1.25663627181805E-06 VehDyn_PinTrqSV_M_str.K_Uls_f32 0.0935999975 0.0935999975	VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1316564736	1316564736	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 261.848846 261.848846 ± 0.2 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 65.1780853 65.1780853 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 16.7432442 16.7432442 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 11.0835915 11.0835915 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 18774 18774 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 16088 16088 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 1316564736 1316564736 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 1316564736 1316564736 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 6.53266907e-005 6.53000025e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000841617584 0.000841591973 ± 1.25663627181805E-06 VehDyn_PinTrqSV_M_str.K_UIs_f32 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-06 VehDyn_SLPHwAuth_UIs_M_f32 0.0935999975 0.0935999975	VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 65.1780853 65.1780853 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 16.7432442 16.7432442 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 11.0835915 11.0835915 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 18774 18774 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 16088 16088 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 1316564736 1316564736 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 1316564736 1316564736 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 6.53266907e-005 6.53000025e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000841617584 0.000841591973 ± 1.25663627181805E-06 VehDyn_PinTrqSV_M_str.K_UIs_f32 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-06 VehDyn_SLPHwAuth_UIs_M_f32 0.0935999975 0.0935999975		1.257658e-005	1.26000004e-005 ± 1.25663627181805E-06	✓
VehDyn_AutoCntrLoSpd_M_str.FiitPinTrq_HwNm_f32 16.7432442 16.7432442 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 11.0835915 11.0835915 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 18774 18774 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 16088 16088 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 1316564736 1316564736 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 1316564736 1316564736 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 6.53266907e-005 6.53000025e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000841617584 0.000841591973 ± 1.25663627181805E-06 VehDyn_PinTrqSV_M_str.K_UIs_f32 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-06 VehDyn_SLPHwAuth_UIs_M_f32 0.0935999975 0.0935999975	VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	261.848846	261.848846 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 11.0835915 11.0835915 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 18774 18774 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 16088 16088 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 1316564736 1316564736 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 1316564736 1316564736 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 6.53266907e-005 6.53000025e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000841617584 0.000841591973 ± 1.25663627181805E-06 VehDyn_PinTrqSV_M_str.K_UIs_f32 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-06 VehDyn_SLPHwAuth_UIs_M_f32 0.0935999975 0.0935999975	VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	65.1780853	65.1780853 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 18774 18774 ± 2 ✓ VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 16088 16088 ± 2 ✓ VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 1316564736 1316564736 ✓ VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 1316564736 1316564736 ✓ VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 6.53266907e-005 6.53000025e-005 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000841617584 0.000841591973 ± 1.25663627181805E-06 ✓ VehDyn_PinTrqSV_M_str.K_UIs_f32 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-06 ✓ VehDyn_SLPHwAuth_UIs_M_f32 0.0935999975 0.0935999975 ✓	VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.7432442	16.7432442 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 18774 18774 ± 2 ✔ VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 16088 16088 ± 2 ✔ VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 1316564736 1316564736 ✓ VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 1316564736 1316564736 ✓ VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 6.53266907e-005 6.53000025e-005 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000841617584 0.000841591973 ± 1.25663627181805E-06 ✓ VehDyn_PinTrqSV_M_str.K_UIs_f32 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-06 ✓ VehDyn_SLPHwAuth_UIs_M_f32 0.0935999975 0.0935999975 ✓	VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	11.0835915	11.0835915 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 16088 16088 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 1316564736 1316564736 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 1316564736 1316564736 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 6.53266907e-005 6.53000025e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000841617584 0.000841591973 ± 1.25663627181805E-06 VehDyn_PinTrqSV_M_str.K_UIs_f32 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-06 VehDyn_SLPHwAuth_UIs_M_f32 0.0935999975 0.0935999975		18774	18774 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 1316564736 1316564736 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 1316564736 1316564736 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 6.53266907e-005 6.53000025e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000841617584 0.000841591973 ± 1.25663627181805E-06 VehDyn_PinTrqSV_M_str.K_UIs_f32 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-06 VehDyn_SLPHwAuth_UIs_M_f32 0.0935999975 0.0935999975		16088	16088 ± 2	✓
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 1316564736 1316564736 ✓ VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 6.53266907e-005 6.53000025e-005 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000841617584 0.000841591973 ± 1.25663627181805E-06 ✓ VehDyn_PinTrqSV_M_str.K_UIs_f32 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-06 ✓ VehDyn_SLPHwAuth_UIs_M_f32 0.0935999975 0.0935999975 ✓				~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 6.53266907e-005 6.53000025e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 0.000841617584 0.000841591973 ± 1.25663627181805E-06 VehDyn_PinTrqSV_M_str.K_Uls_f32 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-06 VehDyn_SLPHwAuth_Uls_M_f32 0.0935999975 0.0935999975				•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 0.000841617584 0.000841591973 ± 1.25663627181805E-06 VehDyn_PinTrqSV_M_str.K_Uls_f32 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-06 VehDyn_SLPHwAuth_Uls_M_f32 0.0935999975 0.0935999975			6.53000025e-005 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-06 VehDyn_SLPHwAuth_Uls_M_f32 0.0935999975 0.0935999975				✓
VehDyn_SLPHwAuth_Uls_M_f32 0.0935999975 0.0935999975				~
				~

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.18 (Repeat Count = 1)		✓
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000609999988	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	44.8276367	





			112 1616
Name	Input Value		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00520000001		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00200000009		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	219.394257		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	18.4182396		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	216.505157		
k_AutoCntrHiSpdTimer1_mS_u16	53799		
k_AutoCntrHiSpdTimer2_mS_u16	17776		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	12.5710239		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	630.946533		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	18.3842678		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	3.99484253		
k_AutoCntrHiSpdTimer4_mS_u16	50044		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	29.3483315		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0320999995		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00600000005		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	674.329163		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	14.6219854		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	87.195282		
k_AutoCntrLoSpdTimer1_mS_u16	25496		
k_AutoCntrLoSpdTimer2_mS_u16	0		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00520000001		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.100199997		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1064.65295		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFAct	target_VehDyn_Init1_FaultBFActive_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	target_Pim_MotPosReset	
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1		
tgt_GetSystemTime_mS_u32_CurrentTime	2075080192		
Name	Actual Value	Expected Value	Resul
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	630.946533	630.946533 ± 0.2	•
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	3.99484253	3.99484253 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.3842678	18.3842678 ± 0.04	•

tg_cotoystem inc_mc_doz_contint inc	2010000102		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	630.946533	630.946533 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	3.99484253	3.99484253 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.3842678	18.3842678 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	12.5710239	12.5710239 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53799	53799 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	50044	50044 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2075080192	2075080192	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2075080192	2075080192	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000403285027	0.000403298996 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	7.53998756e-005	7.53999993e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	219.394257	219.394257 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	216.505157	216.505157 ± 0.5	✓
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18.4182396	18.4182396 ± 0.04	~
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	44.8276367	44.8276367 ± 0.0625	~
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53799	53799 ± 2	~
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	17776	17776 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2075080192	2075080192	~
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2075080192	2075080192	~
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.53266907e-005	6.53000025e-005 ± 1.25663627181805E-06	•
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	•
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	674.329163	674.329163 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	87.195282	87.195282 ± 0.5	✓
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.6219854	14.6219854 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	29.3483315	29.3483315 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	25496	25496 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	0	0 ± 2	✓
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2075080192	2075080192	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2075080192	2075080192	✓
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000403285027	0.000403298996 ± 1.25663627181805E-06	•
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	7.53998756e-005	7.53999993e-005 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.53266907e-005	6.53000025e-005 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn SLPHwPos HwDeg M f32	0	0	_

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~





Test Step 2.19 (Repeat Count = 1)			✓
Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Current	Гіте	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000650000002		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	66.9603653		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.063000001		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0450000018		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	11.8271809		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	3.42799282		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	157.885941		
k_AutoCntrHiSpdTimer1_mS_u16	47432		
k_AutoCntrHiSpdTimer2_mS_u16	18887		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	15.953599 118.757027		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32 k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	1.14587283		
k AutoCntrHiSpdTimer4VehSpd kph f32	83.8543854		
k AutoCntrHiSpdTimer4 mS u16	53593		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	40.2867165		
k AutoCntrLoSpdFilt1Kn Hz f32	0.0850000009		
k AutoCntrLoSpdFilt2Kn Hz f32	0.00779999979		
k AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	610.883545		
k AutoCntrLoSpdTimer1PinTrg HwNm f32	8.43369675		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	11.503067		
k_AutoCntrLoSpdTimer1_mS_u16	11226		
k AutoCntrLoSpdTimer2 mS u16	60000		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.063000001		
k_SLPEnableBFCheck_Cnt_lgc	0		
k_SLPHwAuthority_Uls_f32	0.106799997		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1040.62		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFActive_C	nt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_Igc.value	0		
tgt_GetSystemTime_mS_u32_CurrentTime	954802432		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	118.757027	118.757027 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	83.8543854	83.8543854 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	1.14587283	1.14587283 ± 0.04	•
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	15.953599	15.953599 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16			
	47432	47432 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	53593	53593 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	53593 954802432	53593 ± 2 954802432	•
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	53593 954802432 954802432	53593 ± 2 954802432 954802432	\ \ \
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	53593 954802432 954802432 0.00106757879	53593 ± 2 954802432 954802432 0.00106757099 ± 1.25663627181805E-06	\ \ \
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	53593 954802432 954802432 0.00106757879 9.7990036e-005	53593 ± 2 954802432 954802432 0.00106757099 ± 1.25663627181805E-06 9.79999968e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	53593 954802432 954802432 0.00106757879 9.7990036e-005 11.8271809	53593 ± 2 954802432 954802432 0.00106757099 ± 1.25663627181805E-06 9.79999968e-005 ± 1.25663627181805E-06 11.8271809 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	53593 954802432 954802432 0.00106757879 9.7990036e-005 11.8271809 157.885941	53593 ± 2 954802432 954802432 0.00106757099 ± 1.25663627181805E-06 9.79999968e-005 ± 1.25663627181805E-06 11.8271809 ± 0.2 157.885941 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	53593 954802432 954802432 0.00106757879 9.7990036e-005 11.8271809 157.885941 3.42799282	53593 ± 2 954802432 954802432 0.00106757099 ± 1.25663627181805E-06 9.79999968e-005 ± 1.25663627181805E-06 11.8271809 ± 0.2 157.885941 ± 0.5 3.42799282 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	53593 954802432 954802432 0.00106757879 9.7990036e-005 11.8271809 157.885941 3.42799282 66.9603653	53593 ± 2 954802432 954802432 0.00106757099 ± 1.25663627181805E-06 9.79999968e-005 ± 1.25663627181805E-06 11.8271809 ± 0.2 157.885941 ± 0.5 3.42799282 ± 0.04 66.9603653 ± 0.0625	0
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53593 954802432 954802432 0.00106757879 9.7990036e-005 11.8271809 157.885941 3.42799282 66.9603653 47432	53593 ± 2 954802432 954802432 0.00106757099 ± 1.25663627181805E-06 9.79999968e-005 ± 1.25663627181805E-06 11.8271809 ± 0.2 157.885941 ± 0.5 3.42799282 ± 0.04 66.9603653 ± 0.0625 47432 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	53593 954802432 954802432 0.00106757879 9.7990036e-005 11.8271809 157.885941 3.42799282 66.9603653 47432 18887	53593 ± 2 954802432 954802432 0.00106757099 ± 1.25663627181805E-06 9.79999968e-005 ± 1.25663627181805E-06 11.8271809 ± 0.2 157.885941 ± 0.5 3.42799282 ± 0.04 66.9603653 ± 0.0625	0
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	53593 954802432 954802432 0.00106757879 9.7990036e-005 11.8271809 157.885941 3.42799282 66.9603653 47432 18887 954802432	53593 ± 2 954802432 954802432 0.00106757099 ± 1.25663627181805E-06 9.79999968e-005 ± 1.25663627181805E-06 11.8271809 ± 0.2 157.885941 ± 0.5 3.42799282 ± 0.04 66.9603653 ± 0.0625 47432 ± 2 18887 ± 2 954802432	0
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	53593 954802432 954802432 0.00106757879 9.7990036e-005 11.8271809 157.885941 3.42799282 66.9603653 47432 18887	53593 ± 2 954802432 954802432 0.00106757099 ± 1.25663627181805E-06 9.79999968e-005 ± 1.25663627181805E-06 11.8271809 ± 0.2 157.885941 ± 0.5 3.42799282 ± 0.04 66.9603653 ± 0.0625 47432 ± 2 18887 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	53593 954802432 954802432 0.00106757879 9.7990036e-005 11.8271809 157.885941 3.42799282 66.9603653 47432 18887 954802432 954802432	53593 ± 2 954802432 954802432 0.00106757099 ± 1.25663627181805E-06 9.79999968e-005 ± 1.25663627181805E-06 11.8271809 ± 0.2 157.885941 ± 0.5 3.42799282 ± 0.04 66.9603653 ± 0.0625 47432 ± 2 18887 ± 2 954802432 954802432	
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VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Wtvel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53593 954802432 954802432 0.00106757879 9.7990036e-005 11.8271809 157.885941 3.42799282 66.9603653 47432 18887 954802432 0.000791370869 0.000565350056 610.883545 11.503067 8.43369675 40.2867165 11226	53593 ± 2 954802432 954802432 0.00106757099 ± 1.25663627181805E-06 9.79999968e-005 ± 1.25663627181805E-06 11.8271809 ± 0.2 157.885941 ± 0.5 3.42799282 ± 0.04 66.9603653 ± 0.0625 47432 ± 2 18887 ± 2 954802432 0.000791368017 ± 1.25663627181805E-06 0.000565327005 ± 1.25663627181805E-06 610.883545 ± 0.2 11.503067 ± 0.5 8.43369675 ± 0.04 40.2867165 ± 0.0625 11226 ± 2	
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VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Wtvel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	53593 954802432 954802432 0.00106757879 9.7990036e-005 11.8271809 157.885941 3.42799282 66.9603653 47432 18887 954802432 954802432 0.000791370869 0.000565350056 610.883545 11.503067 8.43369675 40.2867165 11226 60000 954802432	53593 ± 2 954802432 954802432 0.00106757099 ± 1.25663627181805E-06 9.79999968e-005 ± 1.25663627181805E-06 11.8271809 ± 0.2 157.885941 ± 0.5 3.42799282 ± 0.04 66.9603653 ± 0.0625 47432 ± 2 18887 ± 2 954802432 0.000791368017 ± 1.25663627181805E-06 610.883545 ± 0.2 11.503067 ± 0.5 8.43369675 ± 0.04 40.2867165 ± 0.0625 11226 ± 2 60000 ± 2 954802432	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thes_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	53593 954802432 954802432 0.00106757879 9.7990036e-005 11.8271809 157.885941 3.42799282 66.9603653 47432 18887 954802432 954802432 0.000791370869 0.000565350056 610.883545 11.503067 8.43369675 40.2867165 11226 60000 954802432 954802432	53593 ± 2 954802432 954802432 0.00106757099 ± 1.25663627181805E-06 9.79999968e-005 ± 1.25663627181805E-06 11.8271809 ± 0.2 157.885941 ± 0.5 3.42799282 ± 0.04 66.9603653 ± 0.0625 47432 ± 2 18887 ± 2 954802432 0.000791368017 ± 1.25663627181805E-06 610.883545 ± 0.2 11.503067 ± 0.5 8.43369675 ± 0.04 40.2867165 ± 0.0625 11226 ± 2 60000 ± 2 954802432 954802432	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u26 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	53593 954802432 954802432 0.00106757879 9.7990036e-005 11.8271809 157.885941 3.42799282 66.9603653 47432 18887 954802432 954802432 0.000791370869 0.000565350056 610.883545 11.503067 8.43369675 40.2867165 11226 60000 954802432 954802432 954802432 954802432	53593 ± 2 954802432 954802432 0.00106757099 ± 1.25663627181805E-06 9.79999968e-005 ± 1.25663627181805E-06 11.8271809 ± 0.2 157.885941 ± 0.5 3.42799282 ± 0.04 66.9603653 ± 0.0625 47432 ± 2 18887 ± 2 954802432 0.000791368017 ± 1.25663627181805E-06 610.883545 ± 0.2 11.503067 ± 0.5 8.43369675 ± 0.04 40.2867165 ± 0.0625 11226 ± 2 60000 ± 2 954802432 0.00106757099 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u26 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u26 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	53593 954802432 954802432 0.00106757879 9.7990036e-005 11.8271809 157.885941 3.42799282 66.9603653 47432 18887 954802432 954802432 0.000791370869 0.000565350056 610.883545 11.503067 8.43369675 40.2867165 11226 60000 954802432 954802432 0.00106757879 9.7990036e-005	53593 ± 2 954802432 954802432 0.00106757099 ± 1.25663627181805E-06 9.79999968e-005 ± 1.25663627181805E-06 11.8271809 ± 0.2 157.885941 ± 0.5 3.42799282 ± 0.04 66.9603653 ± 0.0625 47432 ± 2 18887 ± 2 954802432 0.000791368017 ± 1.25663627181805E-06 610.883545 ± 0.2 11.503067 ± 0.5 8.43369675 ± 0.04 40.2867165 ± 0.04 40.2867165 ± 0.0625 11226 ± 2 60000 ± 2 954802432 954802432 0.00106757099 ± 1.25663627181805E-06 9.79999968e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Nerlyel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_PinTrqSV_M_str.K_Uls_f32	53593 954802432 954802432 0.00106757879 9.7990036e-005 11.8271809 157.885941 3.42799282 66.9603653 47432 18887 954802432 0.000791370869 0.000565350056 610.883545 11.503067 8.43369675 40.2867165 11226 60000 954802432 954802432 0.00106757879 9.7990036e-005 0.000791370869	53593 ± 2 954802432 954802432 0.00106757099 ± 1.25663627181805E-06 9.79999968e-005 ± 1.25663627181805E-06 11.8271809 ± 0.2 157.885941 ± 0.5 3.42799282 ± 0.04 66.9603653 ± 0.0625 47432 ± 2 18887 ± 2 954802432 954802432 0.000791368017 ± 1.25663627181805E-06 610.883545 ± 0.2 11.503067 ± 0.5 8.43369675 ± 0.04 40.2867165 ± 0.0625 11226 ± 2 60000 ± 2 954802432 0.00106757099 ± 1.25663627181805E-06 9.79999968e-005 ± 1.25663627181805E-06	



T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•

Test Step 2.20 (Repeat Count = 1) Name	Input Value		
	Input Value		
GetSystemTime_mS_u32(CurrentTime) Rte Inst Ap VehDyn	tgt_GetSystemTime_mS_u32_CurrentTime target Rte Inst Ap VehDyn 2		
VehDyn PinTrqSV M str.K Uls f32	0.000690000015		
k AutoCntrHiSpdCntrWindow HwDeg f32	85.3555756		
k AutoCntrHiSpdFilt1Kn Hz f32	0.00200000009		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00899999961		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	192.424347		
k AutoCntrHiSpdTimer1PinTrq HwNm f32	1.4601928		
k AutoCntrHiSpdTimer1VehSpd kph f32	193.415466		
	37774		
k_AutoCntrHiSpdTimer1_mS_u16	1998		
k_AutoCntrHiSpdTimer2_mS_u16 k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	50.4557152		
k AutoCntrHiSpdTimer4MtrVel MtrRadpS f32	578.624756		
k AutoCntrHiSpdTimer4PinTrq HwNm f32	10.2086525		
	182.197632		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	27106		
k_AutoCotrl oSpdCotrl/Viodovy HuDog #22	56.4612427		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32			
k_AutoCotrl oSpdFilt1Kn_Hz_f32	0.00899999961 0.00899999961		
k_AutoCotrl oSpdFilt2Kn_Hz_f32			
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	39.4220428		
k_AutoCotrl oSpdTimer1VohSpd_kph_f32	3		
k_AutoCotrl oSpdTimer1 wS_v16	123.501587		
k_AutoCotrl oSpdTimer1_mS_u16	29729 33804		
k_AutoCntrLoSpdTimer2_mS_u16	0.00200000009		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	1		
k_SLPEInableBFCheck_Cnt_lgc	0.113399997		
k_SLPHwAuthority_Uls_f32			
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_Igc	0		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1016.58698	Out Inc	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFActive_0	ont_igc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1 2728878080		
tgt_GetSystemTime_mS_u32_CurrentTime		Formanda d Walton	l
Name	Actual Value	Expected Value	Resu
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	578.624756	578.624756 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	182.197632	182.197632 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.2086525	10.2086525 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	50.4557152	50.4557152 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	37774	37774 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27106	27106 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2728878080	2728878080	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2728878080	2728878080	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	192.424347	192.424347 ± 0.2	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	193.415466	193.415466 ± 0.5	
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	1.4601928	1.4601928 ± 0.04	
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	85.3555756	85.3555756 ± 0.0625	
		37774 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	37774		
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	19998	19998 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	19998 2728878080	2728878080	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	19998 2728878080 2728878080	2728878080 2728878080	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	19998 2728878080 2728878080 2.51531601e-005	2728878080 2728878080 2.51000001e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	19998 2728878080 2728878080 2.51531601e-005 0.000113070011	2728878080 2728878080 2.51000001e-005 ± 1.25663627181805E-06 0.000113091002 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	19998 2728878080 2728878080 2.51531601e-005 0.000113070011 39.4220428	2728878080 2728878080 2.51000001e-005 ± 1.25663627181805E-06 0.000113091002 ± 1.25663627181805E-06 39.4220428 ± 0.2	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	19998 2728878080 2728878080 2.51531601e-005 0.000113070011 39.4220428 123.501587	2728878080 2728878080 2.51000001e-005 ± 1.25663627181805E-06 0.000113091002 ± 1.25663627181805E-06 39.4220428 ± 0.2 123.501587 ± 0.5	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	19998 2728878080 2728878080 2.51531601e-005 0.000113070011 39.4220428 123.501587	2728878080 2728878080 2.51000001e-005 ± 1.25663627181805E-06 0.000113091002 ± 1.25663627181805E-06 39.4220428 ± 0.2 123.501587 ± 0.5 3 ± 0.04	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	19998 2728878080 2728878080 2.51531601e-005 0.000113070011 39.4220428 123.501587 3 56.4612427	2728878080 2728878080 2.51000001e-005 ± 1.25663627181805E-06 0.000113091002 ± 1.25663627181805E-06 39.4220428 ± 0.2 123.501587 ± 0.5 3 ± 0.04 56.4612427 ± 0.0625	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	19998 2728878080 2728878080 2.51531601e-005 0.000113070011 39.4220428 123.501587 3 56.4612427 29729	2728878080 2728878080 2.51000001e-005 ± 1.25663627181805E-06 0.000113091002 ± 1.25663627181805E-06 39.4220428 ± 0.2 123.501587 ± 0.5 3 ± 0.04 56.4612427 ± 0.0625 29729 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	19998 2728878080 2728878080 2.51531601e-005 0.000113070011 39.4220428 123.501587 3 56.4612427 29729 33804	2728878080 2728878080 2.51000001e-005 ± 1.25663627181805E-06 0.000113091002 ± 1.25663627181805E-06 39.4220428 ± 0.2 123.501587 ± 0.5 3 ± 0.04 56.4612427 ± 0.0625 29729 ± 2 33804 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	19998 2728878080 2728878080 2.51531601e-005 0.000113070011 39.4220428 123.501587 3 56.4612427 29729 33804 2728878080	2728878080 2728878080 2.51000001e-005 ± 1.25663627181805E-06 0.000113091002 ± 1.25663627181805E-06 39.4220428 ± 0.2 123.501587 ± 0.5 3 ± 0.04 56.4612427 ± 0.0625 29729 ± 2 33804 ± 2 2728878080	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	19998 2728878080 2728878080 2.51531601e-005 0.000113070011 39.4220428 123.501587 3 56.4612427 29729 33804 2728878080 2728878080	2728878080 2728878080 2.51000001e-005 ± 1.25663627181805E-06 0.000113091002 ± 1.25663627181805E-06 39.4220428 ± 0.2 123.501587 ± 0.5 3 ± 0.04 56.4612427 ± 0.0625 29729 ± 2 33804 ± 2 2728878080 2728878080	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	19998 2728878080 2728878080 2.51531601e-005 0.000113070011 39.4220428 123.501587 3 56.4612427 29729 33804 2728878080	2728878080 2728878080 2.51000001e-005 ± 1.25663627181805E-06 0.000113091002 ± 1.25663627181805E-06 39.4220428 ± 0.2 123.501587 ± 0.5 3 ± 0.04 56.4612427 ± 0.0625 29729 ± 2 33804 ± 2 2728878080	





Name	Actual Value	Expected Value	Result
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-	06
VehDyn_SLPHwAuth_Uls_M_f32	0	Ō	~
VehDyn SLPHwPos HwDeg M f32	0	0	✓

Τ				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.21 (Repeat Count = 1)	Innut Value		
Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000730000029		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	47.2272682		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00499999989		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0250000004		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	407.382568		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	5.11670542		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	171.811264		
k_AutoCntrHiSpdTimer1_mS_u16	44272		
k_AutoCntrHiSpdTimer2_mS_u16	21109		
k AutoCntrHiSpdTimer4CntrWindow HwDeg f32	84.4373398		
k AutoCntrHiSpdTimer4MtrVel MtrRadpS f32	457.561249		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	9.91502762		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	73.4022675		
k_AutoCntrHiSpdTimer4_mS_u16	15330		
k_AutoCotrloSpdCntrWindow_HwDeg_f32	31.4061165		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00019999995		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0231999997		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	665.639221		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	3.52301908		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	52.7404022		
k_AutoCntrLoSpdTimer1_mS_u16	58388		
k_AutoCntrLoSpdTimer2_mS_u16	25970		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989		
k SLPEnableBFCheck Cnt lgc	0		
k_SLPHwAuthority_UIs_f32	0.119999997		
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	1		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	992.554016		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFActive_Cnt_lgc		
toward Dischart As Volonia O Disc Mathematica	Assess Disc. MadDeaDeast		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0		
target_VehDyn_Init1_FaultBFActive_Cnt_Igc.value tgt_GetSystemTime_mS_u32_CurrentTime			
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0 824746752	spected Value	Resul
target_VehDyn_Init1_FaultBFActive_Cnt_Igc.value tgt_GetSystemTime_mS_u32_CurrentTime	0 824746752 Actual Value Ex	x pected Value 7.561249 ± 0.2	
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value tgt_GetSystemTime_mS_u32_CurrentTime Name	0 824746752 Actual Value Ex 457.561249 457	•	•
target_VehDyn_Init1_FaultBFActive_Cnt_Igc.value tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	0 824746752 Actual Value Ex 457.561249 457 73.4022675 73.	7.561249 ± 0.2	,
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	0 824746752 Actual Value Ex 457.561249 457 73.4022675 73. 9.91502762 9.9	7.561249 ± 0.2 .4022675 ± 0.5	•
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	0 824746752 Actual Value 457.561249 457 73.4022675 9.91502762 84.4373398 84.	7.561249 ± 0.2 .4022675 ± 0.5 01502762 ± 0.04 .4373398 ± 0.0625	
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	0 824746752 Actual Value 457.561249 73.4022675 9.91502762 84.4373398 84. 44272 442	7.561249 ± 0.2 .4022675 ± 0.5 01502762 ± 0.04 .4373398 ± 0.0625 272 ± 2	•
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	0 824746752 Actual Value Ex 457.561249 457 73.4022675 73.9.91502762 9.9 84.4373398 84.4272 44272 15330 153	7.561249 ± 0.2 .4022675 ± 0.5 01502762 ± 0.04 .4373398 ± 0.0625 272 ± 2 330 ± 2	
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0 824746752 Actual Value 457.561249 457 73.4022675 9.91502762 9.9 84.4373398 44272 442 15330 153 824746752 824	7.561249 ± 0.2 .4022675 ± 0.5 01502762 ± 0.04 .4373398 ± 0.0625 272 ± 2 330 ± 2 4746752	
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target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.NtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0 824746752 Actual Value 457.561249 457.3.4022675 9.91502762 84.4373398 44.272 15330 153 824746752 824746752 824824746752 2.50339508e-006 2.5 0.00291526318 407.382568 171.811264 171 5.11670542 47.2272682 44272 21109 824746752 824 22109 824746752 824 22109 824746752 824 25.0039508e-006 0.00391526318 0.00 0.00391526318 0.00 0.00391526318 0.00 0.00391526318 0.00 0.00391526318 0.00 0.00391526318 0.00 0.00391526318 0.00 0.00391526318 0.00 0.00391526318 0.00 0.00391541848 0.00 0.003915418478 0.00 0.003914116478 0.00 0.003914116478 0.00 0.003914116478 0.00 0.003914116478 0.00 0.003914116478 0.00 0.003914116478 0.00 0.003914116478 0.00 0.003914116478 0.00 0.003914116478 0.00 0.003914116478 0.00 0.003914116478 0.00 0.003914116478 0.00 0.003914116478 0.00 0.003914116478 0.00 0.003914116478 0.00 0.003914116478 0.00 0.003914116478	7.561249 ± 0.2 .4022675 ± 0.5 .61502762 ± 0.04 .4373398 ± 0.0625 .272 ± 2 .330 ± 2 .4746752 .4746752 .6100029149701 ± 1.25663627181805E-06 .7.382568 ± 0.2 .1.811264 ± 0.5 .1670542 ± 0.04 .2272682 ± 0.0625 .272 ± 2 .109 ± 2 .4746752	
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target_VehDyn_Init1_FaultBFActive_Cnt_Igc.value tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.NetVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	0 824746752 Actual Value 457.561249 457 73.4022675 9.91502762 84.4373398 44272 15330 824746752 824746752 824746752 2.50339508e-006 2.5 0.000291526318 407.382568 171.811264 171 5.11670542 47.2272682 44272 444272 44422 21109 824746752 824 21109 824746752 824 21109 824746752 824 21109 824746752 824 21109 824746752 824 21109 824746752 824 21109 824746752 824 21109 824746752 824 250.000314116478 0.00 665.639221 665 52.7404022 3.52301908 3.55 31.4061165	7.561249 ± 0.2 .4022675 ± 0.5 .31502762 ± 0.04 .4373398 ± 0.0625 .272 ± 2 .330 ± 2 .4746752 .4746752 .5100006e-006 ± 1.25663627181805E-06 .0029149701 ± 1.25663627181805E-06 .7.382568 ± 0.2 1.811264 ± 0.5 .1670542 ± 0.04 .2272682 ± 0.0625 .272 ± 2 .4746752 .474	
target_VehDyn_Init1_FaultBFActive_Cnt_Igc.value tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.NtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	0 824746752 Actual Value 457.561249 457 73.4022675 9.91502762 84.4373398 44272 15330 824746752 824746752 824746752 2.50339508e-006 2.5 0.000291526318 407.382568 171.811264 171 5.11670542 47.2272682 44272 44272 444272 444272 444272 444272 444272 444272 444272 444272 444272 444272 444272 444272 444272 44472 49.665.639256e-005 6.26 0.000314116478 665.639221 665 658388 583	7.561249 ± 0.2 .4022675 ± 0.5 .61502762 ± 0.04 .4373398 ± 0.0625 .272 ± 2 .330 ± 2 .4746752 .4746752 .6100029149701 ± 1.25663627181805E-06 .0029149701 ± 1.25663627181805E-06 .01029149701 ± 1.25663627181805E-06 .01029149701 ± 0.5 .01670542 ± 0.04 .01670542 ± 0.04 .01670542 ± 0.04 .01670542 ± 0.0625 .01670542 ±	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	824746752	824746752	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	824746752	824746752	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.50339508e-006	2.51000006e-006 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000291526318	0.00029149701 ± 1.25663627181805E-06	✓
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.119999997	0.119999997	✓
VehDyn_SLPHwPos_HwDeg_M_f32	992.554016	992.554016	~

T			✓	
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•

Test Step 2.22 (Repeat Count = 1) Name	Input Value		
GetSystemTime mS u32(CurrentTime)	•	Timo	
	tgt_GetSystemTime_mS_u32_Current	rinie	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2 0.000769999984		
VehDyn_PinTrqSV_M_str.K_Uls_f32			
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	3.12775111		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00520000001		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.063000001		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	602.94635		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	10.0753288		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	221.670746		
k_AutoCntrHiSpdTimer1_mS_u16	58454		
k_AutoCntrHiSpdTimer2_mS_u16	22220		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	68.7160416		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	155.820129		
<_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	2.29925823		
<_AutoCntrHiSpdTimer4VehSpd_kph_f32	81.0852356		
k_AutoCntrHiSpdTimer4_mS_u16	20609		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	29.8536549		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.100000001		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00249999994		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	255.177094		
<_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	3.44891739		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	221.320831		
<_AutoCntrLoSpdTimer1_mS_u16	46162		
c_AutoCntrLoSpdTimer2_mS_u16	50158		
<_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00520000001		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.126599997		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	968.520996		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFActive_C	nt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1		
tgt_GetSystemTime_mS_u32_CurrentTime	309385728		
Name	Actual Value	Expected Value	Res
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	155.820129	155.820129 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	81.0852356	81.0852356 ± 0.5	
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.29925823	2.29925823 ± 0.04	
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	68.7160416	68.7160416 ± 0.0625	
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	58454	58454 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	20609	20609 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	309385728	309385728	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	309385728	309385728	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584798 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.NeiHWPosFilt2SV_HwDeg_str.N_ois_i32	3.14116478e-005	3.1399999e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	602.94635	602.94635 ± 0.2	
VenDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	221.670746	221.670746 ± 0.5	
VenDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10.0753288	10.0753288 ± 0.04	
VenDyn_AutoCntrniSpd_M_str.FiitPinTrq_nwntin_is2 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	3.12775111	3.12775111 ± 0.0625	
	58454	58454 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16			
	22220	22220 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	309385728	309385728	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	309385728	309385728	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.53266907e-005	6.53000025e-005 ± 1.25663627181805E-06	
		0.000704260047 4.256626274040055 06	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	0.000791370869 255.177094	0.000791368017 ± 1.25663627181805E-06 255.177094 ± 0.2	

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3.44891739	3.44891739 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	29.8536549	29.8536549 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	46162	46162 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	50158	50158 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	309385728	309385728	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	309385728	309385728	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584798 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	3.14116478e-005	3.1399999e-005 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.53266907e-005	6.53000025e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Τ				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.23 (Repeat Count = 1)		•
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000809999998	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	23.8171101	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0759999976	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00200000009	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	79.877243	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	3.8524735	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	164.951675	
k_AutoCntrHiSpdTimer1_mS_u16	16138	
k_AutoCntrHiSpdTimer2_mS_u16	23331	
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	78.1467133	
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	32.7761002	
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	2.07399654	
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	38.1457062	
k_AutoCntrHiSpdTimer4_mS_u16	46166	
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	81.6020432	
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.000199999995	
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00600000005	
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	367.93277	
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	10.7041206	
k AutoCntrLoSpdTimer1VehSpd kph f32	150.688919	
k_AutoCntrLoSpdTimer1_mS_u16	22835	
k_AutoCntrLoSpdTimer2_mS_u16	13127	
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0759999976	
k SLPEnableBFCheck Cnt lgc	0	
k_SLPHwAuthority_UIs_f32	0.133200005	
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	1	
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	944.487976	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFActive_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0	
tgt_GetSystemTime_mS_u32_CurrentTime	4164171008	
Name	Actual Value Expected Value	Resul
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	32.7761002 32.7761002 ± 0.2	rtoou
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	38.1457062 38.1457062 ± 0.5	
VehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	2.07399654 2.07399654 ± 0.04	
	78.1467133 78.1467133 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	16138 16138 ± 2	
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	46166 46166 ± 2	
	4164171008 4164171008	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4164171008 4164171008	
VehDyn AutoCntrDetSpd_M_str.RelHwPosFilt1SV HwDeg_str.K Uls_f32	2.50339508e-006 2.51000006e-006 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	7.53998756e-005 7.53999993e-005 ± 1.25663627181805E-00 79.877243 79.877243 ± 0.2	6
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32		
VehDyn_AutoCotrl-liSpd_M_str.VehSpd_kph_f32	164.951675 164.951675 ± 0.5 3.8524735 3.8524735 ± 0.04	
VehDyn_AutoCottrHiSpd_M_str.FiltPinTrq_HwNm_f32		1
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	23.8171101 23.8171101 ± 0.0625	1
	16138 ± 2	1
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2004	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	23331 23331 ± 2 4164171008 4164171008	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000954568386	0.000954588002 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	367.93277	367.93277 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	150.688919	150.688919 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.7041206	10.7041206 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	81.6020432	81.6020432 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	22835	22835 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	13127	13127 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4164171008	4164171008	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4164171008	4164171008	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.50339508e-006	2.51000006e-006 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	7.53998756e-005	7.53999993e-005 ± 1.25663627181805E-06	✓
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000954568386	0.000954588002 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.133200005	0.133200005	~
VehDyn_SLPHwPos_HwDeg_M_f32	944.487976	944.487976	~

T			✓	
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Name	Input Value		
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 Curre	ntTime	
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn 2		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000850000011		
k AutoCntrHiSpdCntrWindow HwDeg f32	37.7641106		
k AutoCntrHiSpdFilt1Kn Hz f32	0.0225000009		
k AutoCntrHiSpdFilt2Kn Hz f32	0.00499999989		
k AutoCntrHiSpdTimer1MtrVel MtrRadpS f32	12.4052467		
k AutoCntrHiSpdTimer1PinTrg HwNm f32	16.2494946		
k AutoCntrHiSpdTimer1VehSpd kph f32	168.530762		
k AutoCntrHiSpdTimer1 mS u16	18642		
k AutoCntrHiSpdTimer2 mS u16	24442		
k AutoCntrHiSpdTimer4CntrWindow HwDeg f32	5.24184275		
k AutoCntrHiSpdTimer4MtrVel MtrRadpS f32	638.897888		
k AutoCntrHiSpdTimer4PinTrg HwNm f32	7.65499401		
k AutoCntrHiSpdTimer4VehSpd kph f32	82.6361694		
k_AutoCntrHiSpdTimer4_mS_u16	51569		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	31.2713699		
k AutoCntrLoSpdFilt1Kn Hz f32	0.0350000001		
k AutoCntrLoSpdFilt2Kn Hz f32	0.00019999995		
k AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	537.7453		
k AutoCntrLoSpdTimer1PinTrg HwNm f32	8.52731705		
k AutoCntrLoSpdTimer1VehSpd kph f32	193.256531		
k AutoCntrLoSpdTimer1 mS u16	29076		
k AutoCntrLoSpdTimer2 mS u16	43868		
k AutoCntrPinTrgLPFCoeffKn Hz f32	0.0225000009		
k SLPEnableBFCheck Cnt lgc	1		
k SLPHwAuthority Uls f32	0.139799997		
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	0		
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	920.455017		
target Rte Inst Ap VehDyn 2.VehDyn Init1 FaultBFActive Cnt Igc	target VehDyn Init1 FaultBFActive	Cot lac	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset		_Cnt_igc	
target VehDyn Init1 FaultBFActive Cnt Igc.value	target_Pim_MotPosReset		
tgt GetSystemTime mS u32 CurrentTime	437658624		
Name	Actual Value	Expected Value	Resul
			Resul
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	638.897888	638.897888 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	82.6361694	82.6361694 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	7.65499401	7.65499401 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	5.24184275	5.24184275 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	18642	18642 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	51569	51569 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	437658624	437658624	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	437658624	437658624	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000439703465	0.000439725991 ± 1.25663627181805E-06	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.50339508e-006	2.51000006e-006 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	12.4052467	12.4052467 ± 0.2	•
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	168.530762	168.530762 ± 0.5	•
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.2494946	16.2494946 ± 0.04	١ .

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	18642	18642 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	24442	24442 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	437658624	437658624	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	437658624	437658624	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00028270483	0.000282702997 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	537.7453	537.7453 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	193.256531	193.256531 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.52731705	8.52731705 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	31.2713699	31.2713699 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	29076	29076 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	43868	43868 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	437658624	437658624	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	437658624	437658624	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000439703465	0.000439725991 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.50339508e-006	2.51000006e-006 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00028270483	0.000282702997 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

T				•
Actual Function	Count	Expected Function	Count	Resul
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•

Test Step 2.25 (Repeat Count = 1)				
Name	Input Value	nput Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Curren	gt GetSystemTime mS u32 CurrentTime		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2			
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000890000025			
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	39.3153801			
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.063000001			
<_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0491000004			
<_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	349.296539			
_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	1.81056666			
<_AutoCntrHiSpdTimer1VehSpd_kph_f32	65.5278778			
c_AutoCntrHiSpdTimer1_mS_u16	35706			
c_AutoCntrHiSpdTimer2_mS_u16	25553			
<_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	23.2325249			
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	344.000977			
_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	1.13386405			
_AutoCntrHiSpdTimer4VehSpd_kph_f32	122.149155			
_AutoCntrHiSpdTimer4_mS_u16	10394			
_AutoCntrLoSpdCntrWindow_HwDeg_f32	37.9574203			
_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0560000017			
_AutoCntrLoSpdFilt2Kn_Hz_f32	0.100000001			
_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	37.5066719			
_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	2.22880888			
x_AutoCntrLoSpdTimer1VehSpd_kph_f32	237.538071			
_AutoCntrLoSpdTimer1_mS_u16	32821			
x_AutoCntrLoSpdTimer2_mS_u16	53946			
_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.063000001			
_SLPEnableBFCheck_Cnt_lgc	0			
_SLPHwAuthority_Uls_f32	0.146400005			
arget_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1			
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	896.421997			
arget_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFActive_0	Cnt_lgc		
arget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset			
arget_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0			
gt_GetSystemTime_mS_u32_CurrentTime	3941357312			
Name	Actual Value	Expected Value	Resu	
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	344.000977	344.000977 ± 0.2		
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	122.149155	122.149155 ± 0.5		
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	1.13386405	1.13386405 ± 0.04		
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	23.2325249	23.2325249 ± 0.0625		
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	35706	35706 ± 2		
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	10394	10394 ± 2		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3941357312	3941357312		
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3941357312	3941357312		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000703454018	0.000703468977 ± 1.25663627181805E-06		

0.00125586987

 $VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32$

0.00125584798 ± 1.25663627181805E-06





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	349.296539	349.296539 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	65.5278778	65.5278778 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	1.81056666	1.81056666 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	39.3153801	39.3153801 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	35706	35706 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	25553	25553 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3941357312	3941357312	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3941357312	3941357312	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000616788864	0.000616818026 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	37.5066719	37.5066719 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	237.538071	237.538071 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	2.22880888	2.22880888 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	37.9574203	37.9574203 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	32821	32821 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	53946	53946 ± 2	✓
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3941357312	3941357312	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3941357312	3941357312	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000703454018	0.000703468977 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584798 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.146400005	0.146400005	~
VehDyn_SLPHwPos_HwDeg_M_f32	896.421997	896.421997	~

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Name	Input Value		
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 CurrentTime		
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn 2		
VehDyn PinTrgSV M str.K Uls f32	0.00092999998		
k AutoCntrHiSpdCntrWindow HwDeg f32	100		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00200000009		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00899999961		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	643.884338		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	7.05844259		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	123.333405		
k_AutoCntrHiSpdTimer1_mS_u16	57034		
k_AutoCntrHiSpdTimer2_mS_u16	26664		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	60.1197929		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	469.973907		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	20		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	236.657074		
k_AutoCntrHiSpdTimer4_mS_u16	25061		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	40.504673		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0670000017		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00019999995		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	415.313232		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	5.79858875		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	84.7403259		
k_AutoCntrLoSpdTimer1_mS_u16	40437		
k_AutoCntrLoSpdTimer2_mS_u16	13059		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00200000009		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.152999997		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	872.388977		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFActi	ve_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1		
tgt_GetSystemTime_mS_u32_CurrentTime	3304439296		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	469.973907	469.973907 ± 0.2	-
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	236.657074	236.657074 ± 0.5	•
VehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	20	20 ± 0.04	•
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	60.1197929	60.1197929 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	57034	57034 ± 2	•
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	25061	25061 ± 2	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3304439296	3304439296	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3304439296	3304439296	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000841617584	0.000841591973 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.50339508e-006	2.51000006e-006 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	643.884338	643.884338 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	123.333405	123.333405 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	7.05844259	7.05844259 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	100	100 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	57034	57034 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	26664	26664 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3304439296	3304439296	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3304439296	3304439296	✓
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	✓
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	415.313232	415.313232 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	84.7403259	84.7403259 ± 0.5	✓
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	5.79858875	5.79858875 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	40.504673	40.504673 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	40437	40437 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	13059	13059 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3304439296	3304439296	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3304439296	3304439296	✓
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000841617584	0.000841591973 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.50339508e-006	2.51000006e-006 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Τ					
Actual Function	Count	Expected Function	Count	Resu	lt
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1		

Name	Input Value			
GetSystemTime mS u32(CurrentTime)		tgt GetSystemTime mS u32 CurrentTime		
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn 2			
VehDyn PinTrgSV M str.K Uls f32	0.000969999994			
k AutoCntrHiSpdCntrWindow HwDeg f32	43.0070915			
k AutoCntrHiSpdFilt1Kn Hz f32	0.00499999989			
k AutoCntrHiSpdFilt2Kn Hz f32	0.0340000018			
k AutoCntrHiSpdTimer1MtrVel MtrRadpS f32	532.273438			
k AutoCntrHiSpdTimer1PinTrg HwNm f32	14.9590406			
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	239.526199			
k_AutoCntrHiSpdTimer1_mS_u16	56740			
k_AutoCntrHiSpdTimer2_mS_u16	27775			
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	99.817543			
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	0			
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	20			
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	9.99269104			
k_AutoCntrHiSpdTimer4_mS_u16	18881			
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	84.9841919			
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00600000005			
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00449999981			
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	328.558777			
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	13.5039825			
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	138.992935			
k_AutoCntrLoSpdTimer1_mS_u16	2291			
k_AutoCntrLoSpdTimer2_mS_u16	58929			
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989			
k_SLPEnableBFCheck_Cnt_lgc	0			
k_SLPHwAuthority_Uls_f32	0.159600005			
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1			
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	848.356018			
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFA	ctive_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset			
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0			
tgt_GetSystemTime_mS_u32_CurrentTime	2167769344			
Name	Actual Value	Expected Value	Resul	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	0	0 ± 0.2		
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	9.99269104	9.99269104 ± 0.5		





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	99.817543	99.817543 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	56740	56740 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	18881	18881 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2167769344	2167769344	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2167769344	2167769344	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.53998756e-005	7.53999993e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	5.65648079e-005	5.65000009e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	532.273438	532.273438 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	239.526199	239.526199 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.9590406	14.9590406 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	43.0070915	43.0070915 ± 0.0625	•
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	56740	56740 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	27775	27775 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2167769344	2167769344	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2167769344	2167769344	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000427186489	0.00042716501 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	328.558777	328.558777 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	138.992935	138.992935 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	13.5039825	13.5039825 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	84.9841919	84.9841919 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	2291	2291 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	58929	58929 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2167769344	2167769344	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2167769344	2167769344	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.53998756e-005	7.53999993e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	5.65648079e-005	5.65000009e-005 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.159600005	0.159600005	~
VehDyn_SLPHwPos_HwDeg_M_f32	848.356018	848.356018	~

T				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.28 (Repeat Count = 1) Name	Input Value
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 CurrentTime
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn 2
VehDyn PinTrgSV M str.K Uls f32	1.9999995e-005
k AutoCntrHiSpdCntrWindow HwDeg f32	84.4737091
k AutoCntrHiSpdFilt1Kn Hz f32	0.00520000001
k AutoCntrHiSpdFilt2Kn Hz f32	0.0458000004
k AutoCntrHiSpdTimer1MtrVel MtrRadpS f32	609.83606
k AutoCntrHiSpdTimer1PinTrg HwNm f32	3.01206732
k AutoCntrHiSpdTimer1VehSpd kph f32	158.11969
k AutoCntrHiSpdTimer1 mS u16	42810
k_AutoCntrHiSpdTimer2_mS_u16	28886
k AutoCntrHiSpdTimer4CntrWindow HwDeg f32	78.8331146
k AutoCntrHiSpdTimer4MtrVel MtrRadpS f32	700
k AutoCntrHiSpdTimer4PinTrg HwNm f32	12.0596523
k AutoCntrHiSpdTimer4VehSpd kph f32	195.407715
k AutoCntrHiSpdTimer4 mS u16	10213
k AutoCntrLoSpdCntrWindow HwDeg f32	41.3693123
k AutoCntrLoSpdFilt1Kn Hz f32	0.00779999979
k AutoCntrLoSpdFilt2Kn Hz f32	0.0430000015
k AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	209.013977
k AutoCntrLoSpdTimer1PinTrg HwNm f32	17.8311005
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	20.6569824
k_AutoCntrLoSpdTimer1_mS_u16	38868
k_AutoCntrLoSpdTimer2_mS_u16	57944
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00520000001
k_SLPEnableBFCheck_Cnt_lgc	1
k_SLPHwAuthority_Uls_f32	0.166199997
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	824.322998
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFActive_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset
target VehDyn Init1 FaultBFActive Cnt Igc.value	1





Name	Input Value		
tgt_GetSystemTime_mS_u32_CurrentTime	3714197504		
Name	Actual Value	Expected Value	Resul
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	700	700 ± 0.2	•
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	195.407715	195.407715 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.0596523	12.0596523 ± 0.04	•
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	78.8331146	78.8331146 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	42810	42810 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	10213	10213 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3714197504	3714197504	-
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3714197504	3714197504	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	9.7990036e-005	9.79999968e-005 ± 1.25663627181805E-06	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000540196896	0.000540208013 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	609.83606	609.83606 ± 0.2	-
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	158.11969	158.11969 ± 0.5	•
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	3.01206732	3.01206732 ± 0.04	
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	84.4737091	84.4737091 ± 0.0625	•
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	42810	42810 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	28886	28886 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3714197504	3714197504	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3714197504	3714197504	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.53266907e-005	6.53000025e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575373997 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	209.013977	209.013977 ± 0.2	-
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	20.6569824	20.6569824 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	17.8311005	17.8311005 ± 0.04	•
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	41.3693123	41.3693123 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	38868	38868 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	57944	57944 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3714197504	3714197504	-
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3714197504	3714197504	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	9.7990036e-005	9.79999968e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000540196896	0.000540208013 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.53266907e-005	6.53000025e-005 ± 1.25663627181805E-06	
VehDyn_SLPHwAuth_Uls_M_f32	0	0	•
VehDyn SLPHwPos HwDeg M f32	0	0	

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.29 (Repeat Count = 1)	✓
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
VehDyn_PinTrqSV_M_str.K_Uls_f32	3.999999e-005
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	15.5979691
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0320999995
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0049999989
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	579.395874
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	7.52602291
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	32.8235931
k_AutoCntrHiSpdTimer1_mS_u16	20288
k_AutoCntrHiSpdTimer2_mS_u16	29997
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	17.897419
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	334.049988
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	0.106655896
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	18.8970184
k_AutoCntrHiSpdTimer4_mS_u16	39085
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	73.1804352
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00899999961
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0250000004
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	436.510376
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	10.4573536
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	162.399216
k_AutoCntrLoSpdTimer1_mS_u16	53970
k_AutoCntrLoSpdTimer2_mS_u16	52282
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0320999995
k_SLPEnableBFCheck_Cnt_lgc	0
k_SLPHwAuthority_Uls_f32	0.172800004
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1





Name	Input Value		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	800.289978		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFActive	target_VehDyn_Init1_FaultBFActive_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	target_Pim_MotPosReset	
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0		
tgt_GetSystemTime_mS_u32_CurrentTime	3323480832		
Name	Actual Value	Expected Value	Resul
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	334.049988	334 ± 0.2	
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	18.8970184	18.8970184 ± 0.5	
VehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	0.106655896	0.106655896 ± 0.04	
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	17.897419	17.897419 ± 0.0625	
VehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	20288	20288 ± 2	-
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	39085	39085 ± 2	•
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	3323480832	3323480832	
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	3323480832	3323480832	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	•
VehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	579.395874	579.395874 ± 0.2	
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	32.8235931	32.8235931 ± 0.5	•
VehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	7.52602291	7.52602291 ± 0.04	-
VehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	15.5979691	15.5979691 ± 0.0625	•
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	20288	20288 ± 2	-
VehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	29997	29997 ± 2	•
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	3323480832	3323480832	
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	3323480832	3323480832	•
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000403285027	0.000403298996 ± 1.25663627181805E-06	
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	•
VehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	436.510376	436.510376 ± 0.2	
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	162.399216	162.399216 ± 0.5	•
VehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	10.4573536	10.4573536 ± 0.04	-
VehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	73.1804352	73.1804352 ± 0.0625	•
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	53970	53970 ± 2	
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	52282	52282 ± 2	•
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	3323480832	3323480832	
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	3323480832	3323480832	•
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000403285027	0.000403298996 ± 1.25663627181805E-06	
VehDyn_SLPHwAuth_Uls_M_f32	0.172800004	0.172800004	•
VehDyn SLPHwPos HwDeg M f32	800.289978	800.289978	

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Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.30 (Repeat Count = 1)	la de la companya de
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
VehDyn_PinTrqSV_M_str.K_Uls_f32	5.9999985e-005
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	49.3403549
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0850000009
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00899999961
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	370.660736
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	13.1525526
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	221.258759
k_AutoCntrHiSpdTimer1_mS_u16	7034
k_AutoCntrHiSpdTimer2_mS_u16	31108
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	61.0589485
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	147.148361
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	12.9904881
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	0
k_AutoCntrHiSpdTimer4_mS_u16	119
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	66.5350952
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0344000012
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.063000001
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	454.12265
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	3.94327784
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	104.969391
k_AutoCntrLoSpdTimer1_mS_u16	20423
k_AutoCntrLoSpdTimer2_mS_u16	31368





Name	Input Value		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0850000009		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.179399997		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	776.257019		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFAc	ctive_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1		
tgt_GetSystemTime_mS_u32_CurrentTime	71426560		
Name	Actual Value	Expected Value	Resul
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	147.148361	147.148361 ± 0.2	•
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	0	0 ± 0.5	•
VehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	12.9904881	12.9904881 ± 0.04	-
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	61.0589485	61.0589485 ± 0.0625	•
VehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	7034	7034 ± 2	
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	119	119 ± 2	
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	71426560	71426560	
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	71426560	71426560	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000432193279	0.000432189991 ± 1.25663627181805E-06	٠,
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	370.660736	370.660736 ± 0.2	
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	221.258759	221.258759 ± 0.5	
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	13.1525526	13.1525526 ± 0.04	
VehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	49.3403549	49.3403549 ± 0.0625	
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	7034	7034 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	31108	31108 ± 2	
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	71426560	71426560	٠,
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	71426560	71426560	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00106757879	0.00106757099 ± 1.25663627181805E-06	
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	
VehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	454.12265	454.12265 ± 0.2	
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	104.969391	104.969391 ± 0.5	
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3.94327784	3.94327784 ± 0.04	
VehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	66.5350952	66.5350952 ± 0.0625	
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	20423	20423 ± 2	
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	31368	31368 ± 2	
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	71426560	71426560	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	71426560	71426560	
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000432193279	0.000432189991 ± 1.25663627181805E-06	•
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	
VehDyn PinTrgSV M str.K Uls f32	0.00106757879	0.00106757099 ± 1.25663627181805E-06	
VehDyn SLPHwAuth Uls M f32	0	0	
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	_

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Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.31 (Repeat Count = 1)		✓
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
VehDyn_PinTrqSV_M_str.K_Uls_f32	7.999998e-005	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	81.7051773	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00899999961	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0250000004	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	275.970886	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	16.2052765	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	10.3126373	
k_AutoCntrHiSpdTimer1_mS_u16	30504	
k_AutoCntrHiSpdTimer2_mS_u16	32219	
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	66.4485626	
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	625.957947	
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	15.7019682	
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	255	
k_AutoCntrHiSpdTimer4_mS_u16	45323	
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	41.044548	
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0458000004	
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00200000009	
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	184.918839	

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Input Value



Name



k AutoCntrLoSpdTimer1PinTrg HwNm f32	18.828949			
k AutoCntrLoSpdTimer1VehSpd kph f32	245.86824			
k AutoCntrLoSpdTimer1 mS u16		7034		
k AutoCntrLoSpdTimer2 mS u16		39056		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00899999961			
k SLPEnableBFCheck Cnt lgc	0			
k SLPHwAuthority Uls f32	0.186000004			
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	1			
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	752.223999			
target Rte Inst Ap VehDyn 2.VehDyn Init1 FaultBFActive Cnt Igc	target VehDyn Init1 FaultBFAc	tive Cnt lac		
target Rte Inst Ap VehDyn 2.Pim MotPosReset	target Pim MotPosReset			
target VehDyn Init1 FaultBFActive Cnt Igc.value	0			
tgt GetSystemTime mS u32 CurrentTime	2430672128			
Name	Actual Value	Even eta d Value	Danulé	
		Expected Value	Result	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	625.957947	625.957947 ± 0.2	~	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	255	255 ± 0.5	~	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	15.7019682	15.7019682 ± 0.04		
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	66.4485626	66.4485626 ± 0.0625	~	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	30504	30504 ± 2	~	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	45323	45323 ± 2	~	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2430672128	2430672128	~	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2430672128	2430672128	~	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575373997 ± 1.25663627181805E-06	~	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06		
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	275.970886	275.970886 ± 0.2	~	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	10.3126373	10.3126373 ± 0.5	~	
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.2052765	16.2052765 ± 0.04	~	
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	81.7051773	81.7051773 ± 0.0625	~	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	30504	30504 ± 2	~	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	32219	32219 ± 2	~	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2430672128	2430672128	~	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2430672128	2430672128	✓	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	~	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	✓	
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	184.918839	184.918839 ± 0.2	-	
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	245.86824	245.86824 ± 0.5	~	
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.828949	18.828949 ± 0.04	~	
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	41.044548	41.044548 ± 0.0625	~	
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	7034	7034 ± 2	-	
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	39056	39056 ± 2	~	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2430672128	2430672128	~	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2430672128	2430672128	✓	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575373997 ± 1.25663627181805E-06	~	
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	~	
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	~	
VehDyn_SLPHwAuth_Uls_M_f32	0.186000004	0.186000004	~	
VehDyn_SLPHwPos_HwDeg_M_f32	752.223999	752.223999	_	

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Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.32 (Repeat Count = 1)	✓
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
VehDyn_PinTrqSV_M_str.K_Uls_f32	9.9999975e-005
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	32.0222664
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00499999989
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.063000001
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	575.91394
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.9376688
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	204.072876
k_AutoCntrHiSpdTimer1_mS_u16	5222
k_AutoCntrHiSpdTimer2_mS_u16	33330
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	93.8445969
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	312.352844
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	8.16609764
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	68.0500031
k_AutoCntrHiSpdTimer4_mS_u16	31042





Name	Input Value		
k AutoCntrLoSpdCntrWindow HwDeg f32	95.9834061		
k AutoCntrLoSpdFilt1Kn Hz f32	0.00499999989		
k AutoCntrLoSpdFilt2Kn Hz f32	0.00499999989		
k AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	195.818787		
k AutoCntrLoSpdTimer1PinTrg HwNm f32	7.82910013		
k AutoCntrLoSpdTimer1VehSpd kph f32	29.3435669		
k AutoCntrLoSpdTimer1 mS u16	25532		
k AutoCntrLoSpdTimer2 mS u16	27401		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.192599997		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	728.190979		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFActive_0	Cnt Igc	
target Rte Inst Ap VehDyn 2.Pim MotPosReset	target Pim MotPosReset		
target VehDyn Init1 FaultBFActive Cnt Igc.value	1		
tgt_GetSystemTime_mS_u32_CurrentTime	2242866176		
Name	Actual Value	Expected Value	Result
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	312.352844	312.352844 ± 0.2	~
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	68.0500031	68 ± 0.5	~
VehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	8.16609764	8.16609764 ± 0.04	_
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	93.8445969	93.8445969 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	5222	5222 ± 2	_
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	31042	31042 ± 2	•
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	2242866176	2242866176	_
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2242866176	2242866176	~
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	_
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	575.91394	575.91394 ± 0.2	_
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	204.072876	204.072876 ± 0.5	•
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.9376688	8.9376688 ± 0.04	~
VehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	32.0222664	32.0222664 ± 0.0625	•
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	5222	5222 ± 2	
VehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	33330	33330 ± 2	~
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	2242866176	2242866176	
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	2242866176	2242866176	✓
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	✓
VehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	195.818787	195.818787 ± 0.2	~
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	29.3435669	29.3435669 ± 0.5	✓
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.82910013	7.82910013 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	95.9834061	95.9834061 ± 0.0625	~
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	25532	25532 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27401	27401 ± 2	~
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	2242866176	2242866176	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2242866176	2242866176	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

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Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000119999997	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	7.2738266	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0089999961	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00200000009	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	460.901886	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.00629902	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	92.026535	
k_AutoCntrHiSpdTimer1_mS_u16	16931	
k_AutoCntrHiSpdTimer2_mS_u16	34441	
k AutoCntrHiSpdTimer4CntrWindow HwDeg f32	51.3993683	





Name	Input Value		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	119.134666		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	0		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	103.723984		
k_AutoCntrHiSpdTimer4_mS_u16	51145		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	65.2026672		
k AutoCntrLoSpdFilt1Kn Hz f32	0.00899999961		
k AutoCntrLoSpdFilt2Kn Hz f32	0.0250000004		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	581.690918		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	6.79465103		
k AutoCntrLoSpdTimer1VehSpd kph f32	236.401962		
k AutoCntrLoSpdTimer1 mS u16	46296		
k AutoCntrLoSpdTimer2 mS u16	9393		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00899999961		
k SLPEnableBFCheck Cnt lgc	0		
k_SLPHwAuthority_Uls_f32	0.199200004		
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	1		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	704.15802		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFActive_	Cnt lac	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0		
tgt GetSystemTime mS u32 CurrentTime	2269150976		
		Form a stand Walter	D
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	119.134666	119.134666 ± 0.2	•
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	103.723984	103.723984 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	0	0 ± 0.04	•
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	51.3993683	51.3993683 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	16931	16931 ± 2	-
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	51145	51145 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2269150976	2269150976	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2269150976	2269150976	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	460.901886	460.901886 ± 0.2	•
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	92.026535	92.026535 ± 0.5	•
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.00629902	8.00629902 ± 0.04	•
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	7.2738266	7.2738266 ± 0.0625	•
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	16931	16931 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	34441	34441 ± 2	-
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2269150976	2269150976	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2269150976	2269150976	·
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	-
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	581.690918	581.690918 ± 0.2	-
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	236.401962	236.401962 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.79465103	6.79465103 ± 0.04	-
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	65.2026672	65.2026672 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	46296	46296 ± 2	-
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	9393	9393 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2269150976	2269150976	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2269150976	2269150976	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	-
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	-
VehDyn PinTrgSV M str.K Uls f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	-
VehDyn SLPHwAuth Uls M f32	0.199200004	0.199200004	-
VehDyn SLPHwPos HwDeg M f32	704.15802	704.15802	-
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Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.34 (Repeat Count = 1)		✓
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000140000004	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	91.5981827	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0250000004	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00499999989	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	160.17424	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	4.19048309	





Name	Input Value		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	28.4624329		
k_AutoCntrHiSpdTimer1_mS_u16	20459		
k_AutoCntrHiSpdTimer2_mS_u16	35552		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	53.1939697		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	201.577209		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	20		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	194.557587		
k_AutoCntrHiSpdTimer4_mS_u16	55301		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	52.1249008		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0250000004		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.063000001		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	578.046082		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	16.1874886		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	158.773651		
k_AutoCntrLoSpdTimer1_mS_u16	21486		
k_AutoCntrLoSpdTimer2_mS_u16	38584		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0250000004		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.205799997		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	680.125		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFActive_Cnt_Ig	3	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target VehDyn Init1 FaultBFActive Cnt Igc.value	1		
tgt_GetSystemTime_mS_u32_CurrentTime	3533260288		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	201.577209	201.577209 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	194.557587	194.557587 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04	-
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	53.1939697	53.1939697 ± 0.0625	~
VehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	20459	20459 ± 2	-
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresil_inS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	55301	55301 ± 2	-
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3533260288	3533260288	
	3533260288	3533260288	-
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314110478	0.000791368017 ± 1.25663627181805E-06	-
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	160.17424	160.17424 ± 0.2	
	28.4624329	28.4624329 ± 0.5	-
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32		4.19048309 ± 0.04	
	4.19048309	91.5981827 ± 0.0625	-
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	91.5981827	1 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20459	20459 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	35552	35552 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3533260288	3533260288	-
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3533260288	3533260288	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	V
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	578.046082	578.046082 ± 0.2	V
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	158.773651	158.773651 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.1874886	16.1874886 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.1249008	52.1249008 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21486	21486 ± 2	V
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	38584	38584 ± 2	V
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3533260288	3533260288	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3533260288	3533260288	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	V
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

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Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.35 (Repeat Count = 1)		✓
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000159999996	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	29.3254967	





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Name	Input Value		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.063000001		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00520000001		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	677.585876		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	7.90520477		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	186.264114		
k_AutoCntrHiSpdTimer1_mS_u16	55165		
k_AutoCntrHiSpdTimer2_mS_u16	36663		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	39.3708954		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	525.822998		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	14.0500002		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	44.416153		
k_AutoCntrHiSpdTimer4_mS_u16	40693		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	22.5556393		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.063000001		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00200000009		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	413.003265		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	4.57800722		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	89.0179596		
k_AutoCntrLoSpdTimer1_mS_u16	24720		
k_AutoCntrLoSpdTimer2_mS_u16	36760		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.063000001		
k_SLPEnableBFCheck_Cnt_lgc	0		
k_SLPHwAuthority_Uls_f32	0.212400004		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	656.09198		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFAct	ive_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0		
tgt_GetSystemTime_mS_u32_CurrentTime	812314880		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	525.822998	525.822998 ± 0.2	✓
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	44.416153	44.416153 ± 0.5	✓
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.0500002	14.0100002 ± 0.04	•
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	39.3708954	39.3708954 ± 0.0625	✓
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	55165	55165 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	40693	40693 ± 2	✓
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	812314880	812314880	•

tg_cotoystem inc_mc_doz_contint inc	012014000		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	525.822998	525.822998 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	44.416153	44.416153 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.0500002	14.0100002 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	39.3708954	39.3708954 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	55165	55165 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	40693	40693 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	812314880	812314880	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	812314880	812314880	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	677.585876	677.585876 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	186.264114	186.264114 ± 0.5	✓
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	7.90520477	7.90520477 ± 0.04	~
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	29.3254967	29.3254967 ± 0.0625	~
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	55165	55165 ± 2	~
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36663	36663 ± 2	~
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	812314880	812314880	~
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	812314880	812314880	~
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	~
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.53266907e-005	6.53000025e-005 ± 1.25663627181805E-06	•
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	413.003265	413.003265 ± 0.2	~
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	89.0179596	89.0179596 ± 0.5	✓
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.57800722	4.57800722 ± 0.04	~
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	22.5556393	22.5556393 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	24720	24720 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36760	36760 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	812314880	812314880	~
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	812314880	812314880	✓
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	~
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.212400004	0.212400004	~
VehDyn SLPHwPos HwDeg M f32	656.09198	656.09198	✓

Τ				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~





Test Step 2.36 (Repeat Count = 1)	Immut Value	
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000180000003	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	92.2299118 0.0049999989	
k_AutoCntrHiSpdFilt1Kn_Hz_f32		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00980000012	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	235.852432 18.6467209	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	179.530945	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	51432	
k_AutoCntrHiSpdTimer1_mS_u16 k_AutoCntrHiSpdTimer2_mS_u16	37774	
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	0	
k AutoCntrHiSpdTimer4MtrVel MtrRadpS f32	598.552856	
k AutoCntrHiSpdTimer4PinTrg HwNm f32	4.44533634	
k AutoCntrHiSpdTimer4VehSpd kph f32	239.762329	
k AutoCntrHiSpdTimer4 mS u16	57193	
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	58.8585777	
k AutoCntrLoSpdFilt1Kn Hz f32	0.00200000009	
k AutoCntrLoSpdFilt2Kn Hz f32	0.0049999989	
k AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	691.251282	
k AutoCntrLoSpdTimer1PinTrg HwNm f32	9.38685799	
k AutoCntrLoSpdTimer1VehSpd kph f32	38.2069092	
k AutoCntrLoSpdTimer1 mS u16	44855	
k AutoCntrLoSpdTimer2 mS u16	51238	
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989	
k SLPEnableBFCheck Cnt lgc	1	
k_SLPHwAuthority_Uls_f32	0.218999997	
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0	
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	632.059021	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFActive_Cnt_Igc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1	
tgt_GetSystemTime_mS_u32_CurrentTime	3345084416	
Name	Actual Value Expected Value	Result
VobDura AutoCatrDotCad M. otr MtrVol MtrDodac 500	·	
vendyn Autochtidetopa ivi str.ivitrvel Mtrkaapo 132	598.552856 ± 0.2	- - ✓
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	598.552856 598.552856 ± 0.2 239.762329 239.762329 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	239.762329 ± 0.5	-
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	239.762329 239.762329 ± 0.5 4.44533634 4.44533634 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	239.762329 239.762329 ± 0.5 4.44533634 4.44533634 ± 0.04 0 0 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	239.762329 239.762329 ± 0.5 4.44533634 4.44533634 ± 0.04 0 0 ± 0.0625 51432 51432 ± 2	0
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	239.762329 239.762329 ± 0.5 4.44533634 4.44533634 ± 0.04 0 0 ± 0.0625 51432 51432 ± 2 57193 57193 ± 2	0
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	239.762329 239.762329 ± 0.5 4.44533634 4.44533634 ± 0.04 0 0 ± 0.0625 51432 51432 ± 2 57193 57193 ± 2 3345084416 3345084416	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	239.762329 239.762329 ± 0.5 4.44533634 4.44533634 ± 0.04 0 0 ± 0.0625 51432 51432 ± 2 57193 57193 ± 2 3345084416 3345084416 3345084416 3345084416	06
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	239.762329 239.762329 ± 0.5 4.44533634 4.44533634 ± 0.04 0 0 ± 0.0625 51432 51432 ± 2 57193 57193 ± 2 3345084416 3345084416 3345084416 3345084416 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-	06
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	239.762329 239.762329 ± 0.5 4.44533634 4.44533634 ± 0.04 0 0 ± 0.0625 51432 51432 ± 2 57193 57193 ± 2 3345084416 3345084416 3345084416 3345084416 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-6 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-0	06
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	239.762329 239.762329 ± 0.5 4.44533634 4.44533634 ± 0.04 0 0 ± 0.0625 51432 51432 ± 2 57193 57193 ± 2 3345084416 3345084416 3345084416 3345084416 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-0 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-0 235.852432 235.852432 ± 0.2	06
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	239.762329 239.762329 ± 0.5 4.44533634 4.44533634 ± 0.04 0 0 ± 0.0625 51432 51432 ± 2 57193 57193 ± 2 3345084416 3345084416 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-0 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-0 235.852432 235.852432 ± 0.2 179.530945 179.530945 ± 0.5	06
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	239.762329 239.762329 ± 0.5 4.44533634 4.44533634 ± 0.04 0 0 ± 0.0625 51432 51432 ± 2 57193 57193 ± 2 3345084416 3345084416 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-0 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-0 235.852432 235.852432 ± 0.2 179.530945 179.530945 ± 0.5 18.6467209 18.6467209 ± 0.04	06
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	239.762329 239.762329 ± 0.5 4.44533634 4.44533634 ± 0.04 0 0 ± 0.0625 51432 51432 ± 2 57193 57193 ± 2 3345084416 3345084416 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-0 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-0 235.852432 235.852432 ± 0.2 179.530945 179.530945 ± 0.5 18.6467209 18.6467209 ± 0.04 92.2299118 92.2299118 ± 0.0625	000000000000000000000000000000000000000
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	239.762329 239.762329 ± 0.5 4.44533634 4.44533634 ± 0.04 0 0 ± 0.0625 51432 51432 ± 2 57193 57193 ± 2 3345084416 3345084416 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-0 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-0 235.852432 235.852432 ± 0.2 179.530945 179.530945 ± 0.5 18.6467209 18.6467209 ± 0.04 92.2299118 92.2299118 ± 0.0625 51432 51432 ± 2	000000000000000000000000000000000000000
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	239.762329 239.762329 ± 0.5 4.44533634 4.44533634 ± 0.04 0 0 ± 0.0625 51432 51432 ± 2 57193 57193 ± 2 3345084416 3345084416 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-0 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-0 235.852432 235.852432 ± 0.2 179.530945 179.530945 ± 0.5 18.6467209 18.6467209 ± 0.04 92.2299118 92.2299118 ± 0.0625 51432 51432 ± 2 37774 37774 ± 2	006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	239.762329 239.762329 ± 0.5 4.44533634 4.44533634 ± 0.04 0 0 ± 0.0625 51432 51432 ± 2 57193 57193 ± 2 3345084416 3345084416 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-0 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-0 235.852432 235.852432 ± 0.2 179.530945 179.530945 ± 0.5 18.6467209 18.6467209 ± 0.04 92.2299118 92.2299118 ± 0.0625 51432 51432 ± 2 37774 37774 ± 2 3345084416 3345084416 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-0	006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	239.762329 239.762329 ± 0.5 4.44533634 4.44533634 ± 0.04 0 0 ± 0.0625 51432 51432 ± 2 57193 57193 ± 2 3345084416 3345084416 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-0 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-0 235.852432 235.852432 ± 0.2 179.530945 179.530945 ± 0.5 18.6467209 18.6467209 ± 0.04 92.2299118 92.2299118 ± 0.0625 51432 51432 ± 2 37774 37774 ± 2 3345084416 3345084416 3345084416 3345084416 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-0 0.000123143196 0.000123143007 ± 1.25663627181805E-0	006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.NtrVel_MtrRadps_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	239.762329 239.762329 ± 0.5 4.44533634 4.44533634 ± 0.04 0 0 ± 0.0625 51432 51432 ± 2 57193 57193 ± 2 3345084416 3345084416 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-0 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-0 235.852432 235.852432 ± 0.2 179.530945 179.530945 ± 0.5 18.6467209 18.6467209 ± 0.04 92.2299118 92.2299118 ± 0.0625 51432 51432 ± 2 37774 37774 ± 2 3345084416 3345084416 3345084416 3345084416 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-0 0.000123143196 0.000123143007 ± 1.25663627181805E-0 691.251282 691.251282 ± 0.2	36 36 36
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.NtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.NelPhyPosFilt2SV_HwDeg_str.K_Uls_f32	239.762329 239.762329 ± 0.5 4.44533634 4.44533634 ± 0.04 0 0 ± 0.0625 51432 51432 ± 2 57193 57193 ± 2 3345084416 3345084416 3345084416 3345084416 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-0 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-0 235.852432 235.852432 ± 0.2 179.530945 ± 0.5 18.6467209 ± 0.04 92.2299118 92.2299118 ± 0.0625 51432 51432 ± 2 37774 37774 ± 2 3345084416 3345084416 3345084416 3345084416 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-0 0.000123143196 0.000123143007 ± 1.25663627181805E-0 691.251282 691.251282 ± 0.2 38.2069092 38.2069092 ± 0.5	006
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VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.NelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	239.762329 239.762329 ± 0.5 4.44533634 4.44533634 ± 0.04 0 0 ± 0.0625 51432 51432 ± 2 57193 57193 ± 2 3345084416 3345084416 3345084416 3345084416 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-0 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-0 235.852432 235.852432 ± 0.2 179.530945 179.530945 ± 0.5 18.6467209 18.6467209 ± 0.04 92.2299118 92.2299118 ± 0.0625 51432 51432 ± 2 37774 37774 ± 2 3345084416 3345084416 3345084416 3345084416 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-0 0.000123143196 0.000123143007 ± 1.25663627181805E-0 691.251282 691.251282 ± 0.2 38.2069092 38.2069092 ± 0.5 9.38685799 9.38685799 ± 0.04 58.8585777 58.8585777 ± 0.0625	666
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VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WitrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.WitrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	239.762329 239.762329 ± 0.5 4.44533634 4.44533634 ± 0.04 0 0 ± 0.0625 51432 51432 ± 2 57193 57193 ± 2 3345084416 3345084416 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-0 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-0 235.852432 235.852432 ± 0.2 179.530945 179.530945 ± 0.5 18.6467209 18.6467209 ± 0.04 92.2299118 92.2299118 ± 0.0625 51432 51432 ± 2 37774 37774 ± 2 3345084416 3345084416 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-0 0.000123143196 0.000123143007 ± 1.25663627181805E-0 691.251282 691.251282 ± 0.2 38.2069092 38.2069092 ± 0.5 9.38685799 9.38685799 ± 0.04 58.8585777 58.8585777 ± 0.0625 44855 44855 ± 2 51238 51238 ± 2 3345084416 3345084416 3345084416 3345084416	3 3 6 6
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Witvel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u20 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_m	239.762329 239.762329 ± 0.5 4.44533634 4.44533634 ± 0.04 0 0 ± 0.0625 51432 51432 ± 2 57193 57193 ± 2 3345084416 3345084416 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-0 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-0 235.852432 235.852432 ± 0.2 179.530945 179.530945 ± 0.5 18.6467209 18.6467209 ± 0.04 92.2299118 92.2299118 ± 0.0625 51432 51432 ± 2 37774 37774 ± 2 3345084416 3345084416 3345084416 3345084416 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-0 0.000123143196 0.000123143007 ± 1.25663627181805E-0 691.251282 691.251282 ± 0.2 38.2069092 38.2069092 ± 0.5 9.38685799 9.38685799 ± 0.04 58.8585777 58.8585777 ± 0.0625 44855 44855 ± 2 51238 51238 ± 2 3345084416 3345084416 3345084416 3345084416 2.51531601e-005	66
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_Auto	239.762329 239.762329 ± 0.5 4.44533634 4.44533634 ± 0.04 0 0 ± 0.0625 51432 51432 ± 2 57193 57193 ± 2 3345084416 3345084416 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-0 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-0 235.852432 235.852432 ± 0.2 179.530945 179.530945 ± 0.5 18.6467209 18.6467209 ± 0.04 92.2299118 92.2299118 ± 0.0625 51432 51432 ± 2 37774 37774 ± 2 3345084416 3345084416 3345084416 3345084416 62.8232956e-005 6.2799998e-005 ± 1.25663627181805E-0 0.000123143196 0.000123143007 ± 1.25663627181805E-0 601.251282 691.251282 ± 0.2 38.2069092 38.2069092 ± 0.5 9.38685799 9.38685799 ± 0.04 58.8585777 58.8585777 ± 0.0625 44855 44855 ± 2 51238 51238 ± 2 3345084416 3345084416 2.51531601e-005 6.28232956e-005 6.2799998e-005 ± 1.25663627181	66 06 06 06 06 06 06 06 06 06 06 06 06 0
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Witvel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u20 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_m	239.762329 239.762329 ± 0.5 4.44533634 4.44533634 ± 0.04 0 0 ± 0.0625 51432 51432 ± 2 57193 57193 ± 2 3345084416 3345084416 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-0 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-0 235.852432 235.852432 ± 0.2 179.530945 179.530945 ± 0.5 18.6467209 18.6467209 ± 0.04 92.2299118 92.2299118 ± 0.0625 51432 51432 ± 2 37774 37774 ± 2 3345084416 3345084416 3345084416 3345084416 6.28232956e-005 6.2799998e-005 ± 1.25663627181805E-0 0.000123143196 0.000123143007 ± 1.25663627181805E-0 691.251282 691.251282 ± 0.2 38.2069092 38.2069092 ± 0.5 9.38685799 9.38685799 ± 0.04 58.8585777 58.8585777 ± 0.0625 44855 44855 ± 2 51238 51238 ± 2 3345084416 3345084416 3345084416 3345084416 2.51531601e-005	66 66



Т					/
Actual Function	Count	Expected Function	Count	Resu	lt
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1		~

Test Step 2.37 (Repeat Count = 1)		
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000199999995	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	41.6950645	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0250000004	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00989999995	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	463.985962	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.70262909	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	255	
k_AutoCntrHiSpdTimer1_mS_u16	12734	
k_AutoCntrHiSpdTimer2_mS_u16	38885	
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	100	
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	179.399078	
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	12.4598589	
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	82.9581757	
k_AutoCntrHiSpdTimer4_mS_u16	10910	
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	75.6018066	
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00499999989	
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0344000012	
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	638.585999	
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	4.9565835	
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	122.874435	
k_AutoCntrLoSpdTimer1_mS_u16	26195	
k_AutoCntrLoSpdTimer2_mS_u16	22037	
k AutoCntrPinTrqLPFCoeffKn Hz f32	0.0250000004	
k SLPEnableBFCheck Cnt lgc	0	
k_SLPHwAuthority_Uls_f32	0.225600004	
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	1	
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	608.026001	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target VehDyn Init1 FaultBFActive Cnt Igc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0 2704864000	
tgt_GetSystemTime_mS_u32_CurrentTime		D.
Name	Actual Value Expected Value	Re
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	179.399078 179.399078 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	82.9581757 82.9581757 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.4598589 12.4598589 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	100 100 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	12734 12734 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	10910 10910 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2704864000 2704864000	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2704864000 2704864000	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005 6.2799998e-005 ±	1.25663627181805E-06
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000432193279 0.000432189991 ±	
		: 1.2566362/181805E-06
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	463.985962 463.985962 ± 0.2	: 1.25663627181805E-06
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	463.985962 463.985962 ± 0.2 255 255 ± 0.5	: 1.2566362/181805E-06
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	255 ± 0.5	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	255 255 ± 0.5 8.70262909 8.70262909 ± 0.04	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	255 255 ± 0.5 8.70262909 8.70262909 ± 0.04 41.6950645 41.6950645 ± 0.06	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	255 255 ± 0.5 8.70262909 8.70262909 ± 0.04 41.6950645 41.6950645 ± 0.06 12734 12734 ± 2	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	255 255 ± 0.5 8.70262909 8.70262909 ± 0.04 41.6950645 41.6950645 ± 0.06 12734 12734 ± 2 38885 38885 ± 2	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	255 255 ± 0.5 8.70262909 8.70262909 ± 0.04 41.6950645 41.6950645 ± 0.06 12734 12734 ± 2 38885 38885 ± 2 2704864000 2704864000 2704864000 2704864000	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	255 255 ± 0.5 8.70262909 8.70262909 ± 0.04 41.6950645 41.6950645 ± 0.06 12734 12734 ± 2 38885 38885 ± 2 2704864000 2704864000 2704864000 0.000314116478 0.0003141109988 ± 0.000314109988 ±	:25
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	255 255 ± 0.5 8.70262909 8.70262909 ± 0.04 41.6950645 41.6950645 ± 0.06 12734 12734 ± 2 38885 38885 ± 2 2704864000 2704864000 2704864000 0.000314116478 0.0003141109988 ± 0.000314109988 ±	: 1.25663627181805E-06
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	255 255 ± 0.5 8.70262909 8.70262909 ± 0.04 41.6950645 41.6950645 ± 0.06 12734 12734 ± 2 38885 38885 ± 2 2704864000 2704864000 2704864000 0.000314116478 0.000124394894 0.000124398997 ±	: 1.25663627181805E-06
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	255 255 ± 0.5 8.70262909 8.70262909 ± 0.04 41.6950645 41.6950645 ± 0.06 12734 12734 ± 2 38885 38885 ± 2 2704864000 2704864000 2704864000 2704864000 0.000314116478 0.000314109988 ± 0.000124394894 0.000124398997 ± 638.585999 638.585999 ± 0.2 122.874435 122.874435 ± 0.5	: 1.25663627181805E-06
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Wtvel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	255 255 ± 0.5 8.70262909 8.70262909 ± 0.04 41.6950645 41.6950645 ± 0.06 12734 12734 ± 2 38885 38885 ± 2 2704864000 2704864000 2704864000 2704864000 0.000314116478 0.000314109988 ± 0.000124394894 0.000124398997 ± 638.585999 638.585999 ± 0.2 122.874435 122.874435 ± 0.5 4.9565835 4.9565835 ± 0.04	: 1.25663627181805E-06 : 1.25663627181805E-06
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.NtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	255 255 ± 0.5 8.70262909 8.70262909 ± 0.04 41.6950645 41.6950645 ± 0.06 12734 12734 ± 2 38885 38885 ± 2 2704864000 2704864000 2704864000 2704864000 0.000314116478 0.000314109988 ± 0.000124394894 0.000124398997 ± 638.585999 638.585999 ± 0.2 122.874435 4.9565835 ± 0.04 75.6018066 75.6018066 ± 0.06	: 1.25663627181805E-06 : 1.25663627181805E-06
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.NtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	255 255 ± 0.5 8.70262909 8.70262909 ± 0.04 41.6950645 41.6950645 ± 0.06 12734 12734 ± 2 38885 38885 ± 2 2704864000 2704864000 2704864000 2704864000 0.000314116478 0.000314109988 ± 0.000124394894 0.000124398997 ± 638.585999 638.585999 ± 0.2 122.874435 122.874435 ± 0.5 4.9565835 4.9565835 ± 0.04 75.6018066 75.6018066 ± 0.06 26195 26195 ± 2	: 1.25663627181805E-06 : 1.25663627181805E-06
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.WtVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	255 255 ± 0.5 8.70262909 8.70262909 ± 0.04 41.6950645 41.6950645 ± 0.06 12734 12734 ± 2 38885 38885 ± 2 2704864000 2704864000 2704864000 2704864000 0.000314116478 0.000314109988 ± 0.000124394894 0.000124398997 ± 638.585999 638.585999 ± 0.2 122.874435 122.874435 ± 0.5 4.9565835 4.9565835 ± 0.04 75.6018066 75.6018066 ± 0.06 26195 26195 ± 2 22037 22037 ± 2	1.25663627181805E-06 1.25663627181805E-06
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Wtvel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	255 255 ± 0.5 8.70262909 8.70262909 ± 0.04 41.6950645 41.6950645 ± 0.06 12734 12734 ± 2 38885 38885 ± 2 2704864000 2704864000 0.000314116478 0.000314109988 ± 0.000124394894 0.000124398997 ± 638.585999 638.585999 ± 0.2 122.874435 4.9565835 ± 0.04 75.6018066 75.6018066 ± 0.06 26195 26195 ± 2 22037 22037 ± 2 2704864000 2704864000	1.25663627181805E-06 1.25663627181805E-06
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Wtvel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	255 255 ± 0.5 8.70262909 8.70262909 ± 0.04 41.6950645 41.6950645 ± 0.06 12734 12734 ± 2 38885 38885 ± 2 2704864000 2704864000 2704864000 2704864000 0.000314116478 0.000314109988 ± 0.000124394894 0.000124398997 ± 638.585999 638.585999 ± 0.2 122.874435 122.874435 ± 0.5 4.9565835 4.9565835 ± 0.04 75.6018066 75.6018066 ± 0.06 26195 26195 ± 2 22037 22037 ± 2 2704864000 2704864000 2704864000 2704864000	1.25663627181805E-06 1.25663627181805E-06

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VehDyn_Init1

Name	Actual Value	Expected Value	Result
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.225600004	0.225600004	~
VehDyn_SLPHwPos_HwDeg_M_f32	608.026001	608.026001	✓

Т					
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~	

Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Curre	entTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000220000002		
k AutoCntrHiSpdCntrWindow HwDeg f32	75.4518967		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.063000001		
k AutoCntrHiSpdFilt2Kn Hz f32	0.00749999983		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	573.473022		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	1.88103604		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	99.2100525		
k AutoCntrHiSpdTimer1 mS u16	4764		
k AutoCntrHiSpdTimer2 mS u16	39996		
k AutoCntrHiSpdTimer4CntrWindow HwDeg f32	79.0500031		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	243.44046		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	17.900116		
<pre>c_AutoCntrHiSpdTimer4VehSpd_kph_f32</pre>	17.667511		
AutoCntrHiSpdTimer4_mS_u16	16349		
<_AutoCntrLoSpdCntrWindow_HwDeg_f32	46.103508		
<pre></pre>	0.00520000001		
 <_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0458000004		
<pre></pre> <pre><_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32</pre>	159.033066		
<pre>dutoCntrLoSpdTimer1PinTrq_HwNm_f32</pre>	18.4460754		
AutoCntrLoSpdTimer1VehSpd_kph_f32	56.1687317		
c_AutoCntrLoSpdTimer1_mS_u16	43190		
x_AutoCntrLoSpdTimer2_mS_u16	3186		
AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.063000001		
k_SLPEnableBFCheck_Cnt_lgc	1		
<pre>SLPHwAuthority_Uls_f32</pre>	0.232199997		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	583.992981		
	583.992981 target_VehDyn_Init1_FaultBFActive	e_Cnt_lgc	
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32		e_Cnt_lgc	
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFActive	e_Cnt_lgc	
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 arget_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc arget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset arget_VehDyn_Init1_FaultBFActive_Cnt_Igc.value	target_VehDyn_Init1_FaultBFActive target_Pim_MotPosReset	e_Cnt_lgc	
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 arget_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc arget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset arget_VehDyn_Init1_FaultBFActive_Cnt_Igc.value gt_GetSystemTime_mS_u32_CurrentTime	target_VehDyn_Init1_FaultBFActive target_Pim_MotPosReset 1	e_Cnt_lgc Expected Value	Resu
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 arget_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc arget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset arget_VehDyn_Init1_FaultBFActive_Cnt_Igc.value gt_GetSystemTime_mS_u32_CurrentTime	target_VehDyn_Init1_FaultBFActive target_Pim_MotPosReset 1 662694400		Resu
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 arget_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc arget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset arget_VehDyn_Init1_FaultBFActive_Cnt_Igc.value gt_GetSystemTime_mS_u32_CurrentTime Name /ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	target_VehDyn_Init1_FaultBFActive target_Pim_MotPosReset 1 662694400 Actual Value	Expected Value	Resu
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 arget_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc arget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset arget_VehDyn_Init1_FaultBFActive_Cnt_Igc.value gt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	target_VehDyn_Init1_FaultBFActive target_Pim_MotPosReset 1 662694400 Actual Value 243.44046	Expected Value 243.44046 ± 0.2	Resu
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 arget_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc arget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset arget_VehDyn_Init1_FaultBFActive_Cnt_Igc.value gt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	target_VehDyn_Init1_FaultBFActive target_Pim_MotPosReset 1 662694400 Actual Value 243.44046 17.667511	Expected Value 243.44046 ± 0.2 17.667511 ± 0.5	Resu
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 arget_Rte_inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc arget_Rte_inst_Ap_VehDyn_2.Pim_MotPosReset arget_VehDyn_Init1_FaultBFActive_Cnt_lgc.value gt_GetSystemTime_mS_u32_CurrentTime Name /ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	target_VehDyn_Init1_FaultBFActive target_Pim_MotPosReset 1 662694400 Actual Value 243.44046 17.667511 17.900116	Expected Value 243.44046 ± 0.2 17.667511 ± 0.5 17.900116 ± 0.04	Resu
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 arget_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc arget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset arget_VehDyn_Init1_FaultBFActive_Cnt_Igc.value gt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	target_VehDyn_Init1_FaultBFActive target_Pim_MotPosReset 1 662694400 Actual Value 243.44046 17.667511 17.900116 79.0500031	Expected Value 243.44046 ± 0.2 17.667511 ± 0.5 17.900116 ± 0.04 79.0500031 ± 0.0625	Resu
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 arget_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc arget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset arget_VehDyn_Init1_FaultBFActive_Cnt_Igc.value gt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	target_VehDyn_Init1_FaultBFActive target_Pim_MotPosReset 1 662694400 Actual Value 243.44046 17.667511 17.900116 79.0500031	Expected Value 243.44046 ± 0.2 17.667511 ± 0.5 17.900116 ± 0.04 79.0500031 ± 0.0625 4764 ± 2	Resu
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 arget_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc arget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset arget_VehDyn_Init1_FaultBFActive_Cnt_Igc.value gt_GetSystemTime_mS_u32_CurrentTime Name /ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 /ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	target_VehDyn_Init1_FaultBFActive target_Pim_MotPosReset 1 662694400 Actual Value 243.44046 17.667511 17.900116 79.0500031 4764 16349	Expected Value 243.44046 ± 0.2 17.667511 ± 0.5 17.900116 ± 0.04 79.0500031 ± 0.0625 4764 ± 2 16349 ± 2	Resu
carget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 carget_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc carget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset carget_VehDyn_Init1_FaultBFActive_Cnt_Igc.value cgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	target_VehDyn_Init1_FaultBFActive target_Pim_MotPosReset 1 662694400 Actual Value 243.44046 17.667511 17.900116 79.0500031 4764 16349 662694400	Expected Value 243.44046 ± 0.2 17.667511 ± 0.5 17.900116 ± 0.04 79.0500031 ± 0.0625 4764 ± 2 16349 ± 2 662694400	
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 arget_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc arget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset arget_VehDyn_Init1_FaultBFActive_Cnt_lgc.value gt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	target_VehDyn_Init1_FaultBFActive target_Pim_MotPosReset 1 662694400 Actual Value 243.44046 17.667511 17.900116 79.0500031 4764 16349 662694400 662694400	Expected Value 243.44046 ± 0.2 17.667511 ± 0.5 17.900116 ± 0.04 79.0500031 ± 0.0625 4764 ± 2 16349 ± 2 662694400 662694400	Resu
carget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 carget_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc carget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset carget_VehDyn_Init1_FaultBFActive_Cnt_Igc.value cgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	target_VehDyn_Init1_FaultBFActive target_Pim_MotPosReset 1 662694400 Actual Value 243.44046 17.667511 17.900116 79.0500031 4764 16349 662694400 662694400 6.53266907e-005	Expected Value 243.44046 ± 0.2 17.667511 ± 0.5 17.900116 ± 0.04 79.0500031 ± 0.0625 4764 ± 2 16349 ± 2 662694400 662694400 6.53000025e-005 ± 1.25663627181805E-06	Resu
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_VehDyn_Init1_FaultBFActive target_Pim_MotPosReset 1 662694400 Actual Value 243.44046 17.667511 17.900116 79.0500031 4764 16349 662694400 662694400 6.53266907e-005 0.000575363636	Expected Value 243.44046 ± 0.2 17.667511 ± 0.5 17.900116 ± 0.04 79.0500031 ± 0.0625 4764 ± 2 16349 ± 2 662694400 662694400 6.53000025e-005 ± 1.25663627181805E-06 0.000575373997 ± 1.25663627181805E-06	Resu
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	target_VehDyn_Init1_FaultBFActive target_Pim_MotPosReset 1 662694400 Actual Value 243.44046 17.667511 17.900116 79.0500031 4764 16349 662694400 662694400 6.53266907e-005 0.000575363636 573.473022	Expected Value 243.44046 ± 0.2 17.667511 ± 0.5 17.900116 ± 0.04 79.0500031 ± 0.0625 4764 ± 2 16349 ± 2 662694400 662694400 6.53000025e-005 ± 1.25663627181805E-06 0.000575373997 ± 1.25663627181805E-06 573.473022 ± 0.2	Resu
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset target_VehDyn_Init1_FaultBFActive_Cnt_Igc.value tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	target_VehDyn_Init1_FaultBFActive target_Pim_MotPosReset 1 662694400 Actual Value 243.44046 17.667511 17.900116 79.0500031 4764 16349 662694400 662694400 6.53266907e-005 0.000575363636 573.473022 99.2100525	Expected Value 243.44046 ± 0.2 17.667511 ± 0.5 17.900116 ± 0.04 79.0500031 ± 0.0625 4764 ± 2 16349 ± 2 662694400 662694400 6.53000025e-005 ± 1.25663627181805E-06 0.000575373997 ± 1.25663627181805E-06 573.473022 ± 0.2 99.2100525 ± 0.5	Resu
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	target_VehDyn_Init1_FaultBFActive target_Pim_MotPosReset 1 662694400 Actual Value 243.44046 17.667511 17.900116 79.0500031 4764 16349 662694400 662694400 6.53266907e-005 0.000575363636 573.473022 99.2100525 1.88103604	Expected Value 243.44046 ± 0.2 17.667511 ± 0.5 17.900116 ± 0.04 79.0500031 ± 0.0625 4764 ± 2 16349 ± 2 662694400 662694400 $6.53000025e-005 \pm 1.25663627181805E-06$ $0.000575373997 \pm 1.25663627181805E-06$ 573.473022 ± 0.2 99.2100525 ± 0.5 1.88103604 ± 0.04	Resu
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target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset target_VehDyn_Init1_FaultBFActive_Cnt_Igc.value tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	target_VehDyn_Init1_FaultBFActive target_Pim_MotPosReset 1 662694400 Actual Value 243.44046 17.667511 17.900116 79.0500031 4764 16349 662694400 662694400 6.53266907e-005 0.000575363636 573.473022 99.2100525 1.88103604 75.4518967 4764 39996 662694400 662694400 0.000791370869 9.42349434e-005	Expected Value 243.44046 ± 0.2 17.667511 ± 0.5 17.900116 ± 0.04 79.0500031 ± 0.0625 4764 ± 2 16349 ± 2 662694400 $6.53000025e-005 \pm 1.25663627181805E-06$ $0.000575373997 \pm 1.25663627181805E-06$ 573.473022 ± 0.2 99.2100525 ± 0.5 1.88103604 ± 0.04 75.4518967 ± 0.0625 4764 ± 2 39996 ± 2 662694400 662694400 $0.000791368017 \pm 1.25663627181805E-06$ $9.4199997e-005 \pm 1.25663627181805E-06$	
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset target_VehDyn_Init1_FaultBFActive_Cnt_Igc.value tigt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiitPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.NtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.TimPrinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.TimPrinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.TimPrinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.TimPrinTrq_HwNm_g132 VehDyn_AutoCntrHiSpd_M_str.TimPrinTry_hyNm_g132 VehDyn_Au	target_VehDyn_Init1_FaultBFActive target_Pim_MotPosReset 1 662694400 Actual Value 243.44046 17.667511 17.900116 79.0500031 4764 16349 662694400 662694400 6.53266907e-005 0.000575363636 573.473022 99.2100525 1.88103604 75.4518967 4764 39996 662694400 0.000791370869 9.42349434e-005 159.033066	Expected Value 243.44046 ± 0.2 17.667511 ± 0.5 17.900116 ± 0.04 79.0500031 ± 0.0625 4764 ± 2 16349 ± 2 662694400 $6.53000025e-005 \pm 1.25663627181805E-06$ $0.000575373997 \pm 1.25663627181805E-06$ 573.473022 ± 0.2 99.2100525 ± 0.5 1.88103604 ± 0.04 75.4518967 ± 0.0625 4764 ± 2 39996 ± 2 662694400 662694400 $0.000791368017 \pm 1.25663627181805E-06$ $9.4199997e-005 \pm 1.25663627181805E-06$ 159.033066 ± 0.2	
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset target_VehDyn_Init1_FaultBFActive_Cnt_Igc.value tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.NtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.TitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.TitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.TitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer3_mS_u32 Ve	target_VehDyn_Init1_FaultBFActive target_Pim_MotPosReset 1 662694400 Actual Value 243.44046 17.667511 17.900116 79.0500031 4764 16349 662694400 662694400 6.53266907e-005 0.000575363636 573.473022 99.2100525 1.88103604 75.4518967 4764 39996 662694400 662694400 0.000791370869 9.42349434e-005 159.033066 56.1687317 18.4460754	Expected Value 243.44046 ± 0.2 17.667511 ± 0.5 17.900116 ± 0.04 79.0500031 ± 0.0625 4764 ± 2 16349 ± 2 662694400 $6.53000025e-005 \pm 1.25663627181805E-06$ $0.000575373997 \pm 1.25663627181805E-06$ 573.473022 ± 0.2 99.2100525 ± 0.5 1.88103604 ± 0.04 75.4518967 ± 0.0625 4764 ± 2 39996 ± 2 662694400 662694400 $0.000791368017 \pm 1.25663627181805E-06$ $9.4199997e-005 \pm 1.25663627181805E-06$ 159.033066 ± 0.2 56.1687317 ± 0.5 18.4460754 ± 0.04	Resu
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset target_VehDyn_Init1_FaultBFActive_Cnt_Igc.value tgt_GetSystemTime_mS_u32_CurrentTime Name VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrDetSpd_M_str.FiitPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.NtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.TitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.TitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.TitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.TitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.TitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.TitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.TitPinTrq_HwNm_g132 VehDyn_AutoCntrHiSpd_M_str.Titmer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Titmer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Titmer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Titmer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Titmer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Titmer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Titmer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Titmer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.NelHyPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	target_VehDyn_Init1_FaultBFActive target_Pim_MotPosReset 1 662694400 Actual Value 243.44046 17.667511 17.900116 79.0500031 4764 16349 662694400 662694400 6.53266907e-005 0.000575363636 573.473022 99.2100525 1.88103604 75.4518967 4764 39996 662694400 0.000791370869 9.42349434e-005 159.033066 56.1687317	Expected Value 243.44046 ± 0.2 17.667511 ± 0.5 17.900116 ± 0.04 79.0500031 ± 0.0625 4764 ± 2 16349 ± 2 662694400 $6.53000025e-005 \pm 1.25663627181805E-06$ $0.000575373997 \pm 1.25663627181805E-06$ 573.473022 ± 0.2 99.2100525 ± 0.5 1.88103604 ± 0.04 75.4518967 ± 0.0625 4764 ± 2 39996 ± 2 662694400 662694400 $0.000791368017 \pm 1.25663627181805E-06$ $9.4199997e-005 \pm 1.25663627181805E-06$ 159.033066 ± 0.2 56.1687317 ± 0.5	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	662694400	662694400	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	662694400	662694400	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.53266907e-005	6.53000025e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575373997 ± 1.25663627181805E-06	✓
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	•
VehDyn SLPHwPos HwDeg M f32	0	0	~

Т					
Actual Function	Count	Expected Function	Count	t Resu	it
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1		

Test Step 2.39 (Repeat Count = 1) Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Cu	rrantTima	
	target_Rte_Inst_Ap_VehDyn_2	nentrine	
Rte_Inst_Ap_VehDyn VehDyn PinTrqSV M str.K Uls f32	0.000239999994		
k AutoCntrHiSpdCntrWindow HwDeg f32	43.6620522		
k_AutoCntrHiSpdFilt1Kn Hz f32	0.00200000009		
	0.00200000009		
k_AutoCntrHiSpdFilt2Kn_Hz_f32 k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	448.286377		
	20		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	144.583755		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	0		
k_AutoCntrHiSpdTimer1_mS_u16	41107		
k_AutoCntrHiSpdTimer2_mS_u16			
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	62.654911		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	608.513794		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	11.5653687		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	76.64888		
k_AutoCntrHiSpdTimer4_mS_u16	51504		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	91.3417435		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0320999995		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00499999989		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	487.27597 12.8190889		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	254.395218		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32			
k_AutoCntrLoSpdTimer1_mS_u16	30404		
k_AutoCntrLoSpdTimer2_mS_u16	30349		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00200000009		
k_SLPEnableBFCheck_Cnt_lgc	0		
k_SLPHwAuthority_Uls_f32	0.238800004		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	559.960022		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFActi	ve_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0		
tgt_GetSystemTime_mS_u32_CurrentTime	2303132928		
Name	Actual Value	Expected Value	Res
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	608.513794	608.513794 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	76.64888	76.64888 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	11.5653687	11.5653687 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	62.654911	62.654911 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	0	0 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	51504	51504 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2303132928	2303132928	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2303132928	2303132928	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000403285027	0.000403298996 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	448.286377	448.286377 ± 0.2	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	144.583755	144.583755 ± 0.5	
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04	
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	43.6620522	43.6620522 ± 0.0625	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	0	0 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	41107	41107 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2303132928	2303132928	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2303132928	2303132928	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000188469887	0.000188478007 ± 1.25663627181805E-06	
	107.07507	407.07507 + 0.0	
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	487.27597	487.27597 ± 0.2	

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.8190889	12.8190889 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	91.3417435	91.3417435 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	30404	30404 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	30349	30349 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2303132928	2303132928	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2303132928	2303132928	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000403285027	0.000403298996 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	✓
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0.238800004	0.238800004	•
VehDyn_SLPHwPos_HwDeg_M_f32	559.960022	559.960022	~

Т				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•

Test Step 2.40 (Repeat Count = 1) Name	Input Value			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTim			
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2			
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000260000001			
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	75.7771378			
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0049999989			
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0049999989			
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	170.210068			
<_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	9.64343548			
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	112.884521			
<_AutoCntrHiSpdTimer1_mS_u16	60000			
c_AutoCntrHiSpdTimer2_mS_u16	42218			
<_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	97.1869812			
C_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	601.888977			
c_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	20			
c_AutoCntrHiSpdTimer4VehSpd_kph_f32	166.376648			
c_AutoCntrHiSpdTimer4_mS_u16	57879			
_AutoCntrLoSpdCntrWindow_HwDeg_f32	28.5844917			
_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0850000009			
<pre>x_AutoCntrLoSpdFilt2Kn_Hz_f32</pre>	0.00899999961			
_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	686.9823			
_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	7.86307621			
<_AutoCntrLoSpdTimer1VehSpd_kph_f32	33.3876343			
<_AutoCntrLoSpdTimer1_mS_u16	10412			
k_AutoCntrLoSpdTimer2_mS_u16	3277			
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989			
k_SLPEnableBFCheck_Cnt_lgc	1			
SLPHwAuthority Uls f32	0.245399997			
arget Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	0			
arget Pim MotPosReset.NVMStoredLastPos HwDeg f32	535.927002			
arget Rte Inst Ap VehDyn 2.VehDyn Init1 FaultBFActive Cnt Igc	target VehDyn Init1 FaultBFActive Cnt	lac		
arget Rte Inst Ap VehDyn 2.Pim MotPosReset	target Pim MotPosReset			
arget VehDyn Init1 FaultBFActive Cnt Igc.value	1			
gt_GetSystemTime_mS_u32_CurrentTime	4129141760			
Name	Actual Value	Expected Value	Resu	
	601.888977	601.888977 ± 0.2	Rest	
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	166.376648	166.376648 ± 0.5		
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32				
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04		
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	97.1869812	97.1869812 ± 0.0625		
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	60000	60000 ± 2		
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	57879	57879 ± 2		
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4129141760	4129141760		
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4129141760	4129141760		
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00106757879	0.00106757099 ± 1.25663627181805E-06		
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06		
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	170.210068	170.210068 ± 0.2		
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	112.884521	112.884521 ± 0.5		
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	9.64343548	9.64343548 ± 0.04		
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	75.7771378	75.7771378 ± 0.0625		
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	60000	60000 ± 2		
VehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	42218	42218 ± 2		
5.12 J 1.12 tate of 11.11 11.12 11.11 11.12 11.11 11.12 11.11 11.12 11.11 11.12 11.11 11.12 11.11 11.12 11.11				

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VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	✓
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	686.9823	686.9823 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	33.3876343	33.3876343 ± 0.5	✓
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.86307621	7.86307621 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	28.5844917	28.5844917 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	10412	10412 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3277	3277 ± 2	✓
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4129141760	4129141760	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4129141760	4129141760	✓
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00106757879	0.00106757099 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	✓
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	•

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.41 (Repeat Count = 1)			,	
Name	Input Value			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Current	tgt_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2			
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000280000007	0.000280000007		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	36.63274			
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0344000012			
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0250000004			
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	292.78537			
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	15.4148769			
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	70.7165985			
k_AutoCntrHiSpdTimer1_mS_u16	13897			
k_AutoCntrHiSpdTimer2_mS_u16	43329			
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	14.9879189			
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	291.415405			
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	7.84722853			
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	41.1777191			
k_AutoCntrHiSpdTimer4_mS_u16	44494			
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	67.4213715			
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00899999961			
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0250000004			
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	170.99588			
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	8.17953968			
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	7.39476013			
k_AutoCntrLoSpdTimer1_mS_u16	16683			
k_AutoCntrLoSpdTimer2_mS_u16	22497			
k AutoCntrPinTrqLPFCoeffKn Hz f32	0.0344000012			
k SLPEnableBFCheck Cnt lgc	0			
k_SLPHwAuthority_Uls_f32	0.252000004			
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	1			
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	511.894012			
target Rte Inst Ap VehDyn 2.VehDyn Init1 FaultBFActive Cnt Igc	target VehDyn Init1 FaultBFActive C	nt Igc		
target Rte Inst Ap VehDyn 2.Pim MotPosReset	target Pim MotPosReset			
target VehDyn Init1 FaultBFActive Cnt Igc.value	0			
tgt GetSystemTime mS u32 CurrentTime	2836768512			
Name	Actual Value	Expected Value	Resul	
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	291.415405	291.415405 ± 0.2		
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	41.1777191	41.1777191 ± 0.5		
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	7.84722853	7.84722853 ± 0.04	٠,	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	14.9879189	14.9879189 ± 0.0625		
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13897	13897 ± 2	٠,	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	44494	44494 ± 2		
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	2836768512	2836768512	٠,	
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	2836768512	2836768512		
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06		
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06		
VehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	292.78537	292.78537 ± 0.2		
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	70.7165985	70.7165985 ± 0.5		
VehDyn AutoCntrHiSpd M str.FiltPinTrq HwNm f32	15.4148769	15.4148769 ± 0.04		
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	36.63274	36.63274 ± 0.0625		

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	13897	13897 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	43329	43329 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2836768512	2836768512	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2836768512	2836768512	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000432193279	0.000432189991 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	170.99588	170.99588 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	7.39476013	7.39476013 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.17953968	8.17953968 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	67.4213715	67.4213715 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	16683	16683 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22497	22497 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2836768512	2836768512	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2836768512	2836768512	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000432193279	0.000432189991 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.252000004	0.252000004	~
VehDyn_SLPHwPos_HwDeg_M_f32	511.894012	511.894012	~

T				
Actual Function	Count	Expected Function	Count	Resul
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•

Test Step 2.42 (Repeat Count = 1)				
Name	Input Value			
GetSystemTime_mS_u32(CurrentTime)		tgt_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2			
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000300000014			
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	77.1508331			
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0458000004			
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.063000001			
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	263.707825			
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	5.88711405			
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	81.0172424			
k_AutoCntrHiSpdTimer1_mS_u16	38792			
k_AutoCntrHiSpdTimer2_mS_u16	44440			
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	90.0811462			
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	417.567505			
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	13.1425486			
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	224.821381			
k_AutoCntrHiSpdTimer4_mS_u16	0			
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	89.9028549			
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00499999989			
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.063000001			
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	374.245026			
k AutoCntrLoSpdTimer1PinTrg HwNm f32	18.0723743			
k AutoCntrLoSpdTimer1VehSpd kph f32	88.4202576			
k_AutoCntrLoSpdTimer1_mS_u16	5235			
k_AutoCntrLoSpdTimer2_mS_u16	27074			
k AutoCntrPinTrgLPFCoeffKn Hz f32	0.0458000004			
k SLPEnableBFCheck Cnt lgc	1			
k SLPHwAuthority Uls f32	0.258599997			
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	0			
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	487.860992			
target Rte Inst Ap VehDyn 2.VehDyn Init1 FaultBFActive Cnt Igc	target VehDyn Init1 FaultBFActive Cnt	lac		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target Pim MotPosReset	-0-		
target VehDyn Init1 FaultBFActive Cnt Igc.value	1			
tgt GetSystemTime mS u32 CurrentTime	2478427648			
Name	Actual Value	Expected Value	Resul	
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	417.567505	417.567505 ± 0.2	rtesui	
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	224.821381	224.821381 ± 0.5		
	13.1425486	13.1425486 ± 0.04		
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	90.0811462	90.0811462 ± 0.0625		
VenDyn_AutoCntrDetSpd_M_str.CntrWindow_nwbeg_isz VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	38792	38792 ± 2		
· - · - ·	0	0 ± 2		
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16				
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2478427648	2478427648		
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2478427648 6.28232956e-005	2478427648 6.2799998e-005 ± 1.25663627181805E-06		





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	263.707825	263.707825 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	81.0172424	81.0172424 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.88711405	5.88711405 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	77.1508331	77.1508331 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	38792	38792 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	44440	44440 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2478427648	2478427648	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2478427648	2478427648	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575373997 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	374.245026	374.245026 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	88.4202576	88.4202576 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.0723743	18.0723743 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	89.9028549	89.9028549 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	5235	5235 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27074	27074 ± 2	✓
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2478427648	2478427648	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2478427648	2478427648	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000575363636	0.000575373997 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.43 (Repeat Count = 1)				
Name	Input Value			
GetSystemTime_mS_u32(CurrentTime)		tgt_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_VehDyn		target_Rte_Inst_Ap_VehDyn_2		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000319999992			
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	3.27935433			
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0049999989			
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00200000009			
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	517.932861			
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	4.54822206			
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	190.724686			
k_AutoCntrHiSpdTimer1_mS_u16	28556			
k_AutoCntrHiSpdTimer2_mS_u16	45551			
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	95.2508621			
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	132.854568			
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	2.87444711			
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	41.7497711			
k_AutoCntrHiSpdTimer4_mS_u16	60000			
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	28.4195251			
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00899999961			
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00200000009			
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	74.5651398			
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	12.3046961			
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	140.20314			
k_AutoCntrLoSpdTimer1_mS_u16	58736			
k_AutoCntrLoSpdTimer2_mS_u16	17880			
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989			
k_SLPEnableBFCheck_Cnt_lgc	0			
k_SLPHwAuthority_Uls_f32	0.265199989			
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1			
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	463.828003			
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFActiv	re_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset			
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0			
tgt_GetSystemTime_mS_u32_CurrentTime	4180236544			
Name	Actual Value	Expected Value	Resul	
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	132.854568	132.854568 ± 0.2	,	
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	41.7497711	41.7497711 ± 0.5		
VehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	2.87444711	2.87444711 ± 0.04		
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	95.2508621	95.2508621 ± 0.0625		
VehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	28556	28556 ± 2		





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4180236544	4180236544	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4180236544	4180236544	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	✓
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	517.932861	517.932861 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	190.724686	190.724686 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.54822206	4.54822206 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	3.27935433	3.27935433 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	28556	28556 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	45551	45551 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4180236544	4180236544	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4180236544	4180236544	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	74.5651398	74.5651398 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	140.20314	140.20314 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.3046961	12.3046961 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	28.4195251	28.4195251 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	58736	58736 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	17880	17880 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4180236544	4180236544	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4180236544	4180236544	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.265199989	0.265199989	~
VehDyn_SLPHwPos_HwDeg_M_f32	463.828003	463.828003	~

T				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime mS u32	1	GetSystemTime mS u32	1	✓

Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_	CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	2	
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000339999999		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	25.0328922		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00899999961		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0049999989		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	612.468079		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	13.018939		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	63.774231		
k_AutoCntrHiSpdTimer1_mS_u16	16090		
k_AutoCntrHiSpdTimer2_mS_u16	46662		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	38.5810089		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	661.950806		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	15.5126753		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	111.386475		
k_AutoCntrHiSpdTimer4_mS_u16	45770		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	37.1736603		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0250000004		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00499999989		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	700		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	19.562748		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	236.276367		
k_AutoCntrLoSpdTimer1_mS_u16	17015		
k_AutoCntrLoSpdTimer2_mS_u16	58102		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00899999961		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.271800011		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	439.795013		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFA	Active_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1		
tgt_GetSystemTime_mS_u32_CurrentTime	3368466432		
Name	Actual Value	Expected Value	Resul
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	661.950806	661.950806 ± 0.2	
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	111.386475	111.386475 ± 0.5	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	15.5126753	15.5126753 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	38.5810089	38.5810089 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	16090	16090 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	45770	45770 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3368466432	3368466432	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3368466432	3368466432	✓
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	612.468079	612.468079 ± 0.2	-
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	63.774231	63.774231 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	13.018939	13.018939 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	25.0328922	25.0328922 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	16090	16090 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	46662	46662 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3368466432	3368466432	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3368466432	3368466432	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	700	700 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	236.276367	236.276367 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	19.562748	19.562748 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	37.1736603	37.1736603 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	17015	17015 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	58102	58102 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3368466432	3368466432	-
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3368466432	3368466432	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	-
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_UIs_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.45 (Repeat Count = 1)	
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000360000005
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	22.7924805
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0250000004
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0344000012
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	0
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	20
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	14.1099701
k_AutoCntrHiSpdTimer1_mS_u16	14255
k_AutoCntrHiSpdTimer2_mS_u16	47773
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	98.5101929
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	181.227158
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	15.03372
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	237.210739
k_AutoCntrHiSpdTimer4_mS_u16	1971
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	1.43633437
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.063000001
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00520000001
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	473.999298
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	10.8610411
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	137.791061
k_AutoCntrLoSpdTimer1_mS_u16	37086
k_AutoCntrLoSpdTimer2_mS_u16	772
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0250000004
k_SLPEnableBFCheck_Cnt_lgc	0
k_SLPHwAuthority_UIs_f32	0.278400004
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1.
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	415.761993
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFActive_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0





Name	Input Value		
tgt_GetSystemTime_mS_u32_CurrentTime	170564352		
Name	Actual Value	Expected Value	Resul
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	181.227158	181.227158 ± 0.2	•
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	237.210739	237.210739 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	15.03372	15.03372 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	98.5101929	98.5101929 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	14255	14255 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	1971	1971 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	170564352	170564352	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	170564352	170564352	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.53266907e-005	6.53000025e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	0	0 ± 0.2	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	14.1099701	14.1099701 ± 0.5	
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04	١ .
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	22.7924805	22.7924805 ± 0.0625	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	14255	14255 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	47773	47773 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	170564352	170564352	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	170564352	170564352	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000432193279	0.000432189991 ± 1.25663627181805E-06	
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	473.999298	473.999298 ± 0.2	
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	137.791061	137.791061 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.8610411	10.8610411 ± 0.04	
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	1.43633437	1.43633437 ± 0.0625	
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	37086	37086 ± 2	
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	772	772 ± 2	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	170564352	170564352	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	170564352	170564352	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.53266907e-005	6.53000025e-005 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0.278400004	0.278400004	•
VehDyn_SLPHwPos_HwDeg_M_f32	415.761993	415.761993	•

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.46 (Repeat Count = 1)	✓
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000380000012
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	36.1406059
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.063000001
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0458000004
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	700
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	15.1538467
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	158.649628
k_AutoCntrHiSpdTimer1_mS_u16	43706
k_AutoCntrHiSpdTimer2_mS_u16	48884
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	40.6512985
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	12.3902884
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	18.3508968
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	119.534821
k_AutoCntrHiSpdTimer4_mS_u16	5814
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	29.760561
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.061999999
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0350000001
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	11.0084457
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	6.93631697
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	104.043854
k_AutoCntrLoSpdTimer1_mS_u16	18398
k_AutoCntrLoSpdTimer2_mS_u16	39001
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.063000001
k_SLPEnableBFCheck_Cnt_lgc	1
k_SLPHwAuthority_Uls_f32	0.284999996
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0





Name	Input Value		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	391.729004		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFActive_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1		
tgt_GetSystemTime_mS_u32_CurrentTime	625668608		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	12.3902884	12.3902884 ± 0.2	•
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	119.534821	119.534821 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.3508968	18.3508968 ± 0.04	•
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	40.6512985	40.6512985 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	43706	43706 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	5814	5814 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	625668608	625668608	-
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	625668608	625668608	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000778794289	0.000778811984 ± 1.25663627181805E-06	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000439703465	0.000439725991 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	700	700 ± 0.2	•
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	158.649628	158.649628 ± 0.5	•
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	15.1538467	15.1538467 ± 0.04	-
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	36.1406059	36.1406059 ± 0.0625	•
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	43706	43706 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	48884	48884 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	625668608	625668608	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	625668608	625668608	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575373997 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	11.0084457	11.0084457 ± 0.2	
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	104.043854	104.043854 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.93631697	6.93631697 ± 0.04	•
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	29.760561	29.760561 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	18398	18398 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	39001	39001 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	625668608	625668608	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	625668608	625668608	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000778794289	0.000778811984 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000439703465	0.000439725991 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0	0	•
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	•

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Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.47 (Repeat Count = 1)	
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00039999999
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	96.1530533
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00200000009
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00499999989
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	328.049988
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	16.2922134
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	42.3900299
k_AutoCntrHiSpdTimer1_mS_u16	44765
k_AutoCntrHiSpdTimer2_mS_u16	49995
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	69.3795242
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	225.86203
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	17.1959343
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	253.171951
k_AutoCntrHiSpdTimer4_mS_u16	45170
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	99.388649
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00499999989
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0560000017
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	403.203857
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	18.2375278
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	216.894852
k_AutoCntrLoSpdTimer1_mS_u16	51139
k_AutoCntrLoSpdTimer2_mS_u16	36841





Name	Input Value		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00200000009		
k_SLPEnableBFCheck_Cnt_lgc	0		
k_SLPHwAuthority_Uls_f32	0.291599989		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	367.696014		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFActiv	e_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0		
tgt_GetSystemTime_mS_u32_CurrentTime	1711664384		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	225.86203	225.86203 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	253.171951	253.171951 ± 0.5	✓
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	17.1959343	17.1959343 ± 0.04	-
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	69.3795242	69.3795242 ± 0.0625	-
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	44765	44765 ± 2	-
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	45170	45170 ± 2	-
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	1711664384	1711664384	-
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	1711664384	1711664384	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000703454018	0.000703468977 ± 1.25663627181805E-06	✓
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	328.049988	328 ± 0.2	-
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	42.3900299	42.3900299 ± 0.5	✓
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.2922134	16.2922134 ± 0.04	-
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.1530533	96.1530533 ± 0.0625	-
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	44765	44765 ± 2	-
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	49995	49995 ± 2	-
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1711664384	1711664384	-
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1711664384	1711664384	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	-
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	403.203857	403.203857 ± 0.2	-
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	216.894852	216.894852 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.2375278	18.2375278 ± 0.04	-
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	99.388649	99.388649 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	51139	51139 ± 2	-
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36841	36841 ± 2	-
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1711664384	1711664384	-
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1711664384	1711664384	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	-
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000703454018	0.000703468977 ± 1.25663627181805E-06	-
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	-
VehDyn_SLPHwAuth_Uls_M_f32	0.291599989	0.291599989	~
VehDyn_SLPHwPos_HwDeg_M_f32	367.696014	367.696014	~

T ·				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.48 (Repeat Count = 1)	v v v v v v v v v v v v v v v v v v v
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000419999997
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	64.1327362
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00499999989
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00899999961
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	320.858643
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	11.4043941
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	0
k_AutoCntrHiSpdTimer1_mS_u16	9606
k_AutoCntrHiSpdTimer2_mS_u16	51106
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	57.9277039
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	420.750946
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	13.9586134
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	110.432434
k_AutoCntrHiSpdTimer4_mS_u16	40701
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	76.8895721
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00899999961
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0670000017
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	70.1366196





Name	Input Value		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	5.44028044		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	211.513733		
k_AutoCntrLoSpdTimer1_mS_u16	19138		
k_AutoCntrLoSpdTimer2_mS_u16	31995		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.298200011		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	343.662994		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFAc	tive_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1		
tgt_GetSystemTime_mS_u32_CurrentTime	1568734208		
Name	Actual Value	Expected Value	Result
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	420.750946	420.750946 ± 0.2	~
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	110.432434	110.432434 ± 0.5	•
VehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	13.9586134	13.9586134 ± 0.04	~
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	57.9277039	57.9277039 ± 0.0625	✓
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	9606	9606 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	40701	40701 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1568734208	1568734208	-
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1568734208	1568734208	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000841617584	0.000841591973 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	320.858643	320.858643 ± 0.2	•
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	0	0 ± 0.5	•
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	11.4043941	11.4043941 ± 0.04	•
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	64.1327362	64.1327362 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	9606	9606 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	51106	51106 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1568734208	1568734208	-
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1568734208	1568734208	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	70.1366196	70.1366196 ± 0.2	•
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	211.513733	211.513733 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	5.44028044	5.44028044 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	76.8895721	76.8895721 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	19138	19138 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	31995	31995 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1568734208	1568734208	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1568734208	1568734208	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000841617584	0.000841591973 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0	0	•
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

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Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.49 (Repeat Count = 1)	✓
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000440000003
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	88.5801086
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00520000001
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0250000004
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	525.752197
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	13.4235058
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	255
k_AutoCntrHiSpdTimer1_mS_u16	42277
k_AutoCntrHiSpdTimer2_mS_u16	52217
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	38.5221024
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	265.609314
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	5.71470642
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	196.135361
k_AutoCntrHiSpdTimer4_mS_u16	54573





Name	Input Value		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	58.6687202		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0250000004		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00600000005		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	72.2188644		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	5.45036793		
k AutoCntrLoSpdTimer1VehSpd kph f32	172.141464		
k AutoCntrLoSpdTimer1 mS u16	47724		
k_AutoCntrLoSpdTimer2_mS_u16	1764		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00520000001		
k SLPEnableBFCheck Cnt lgc	0		
k SLPHwAuthority Uls f32	0.304800004		
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	1		
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	319.630005		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFActive_0	Cnt lac	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target Pim MotPosReset	5.11 <u></u>	
target_VehDyn_Init1_FaultBFActive_Cnt_Igc.value	0		
tgt_GetSystemTime_mS_u32_CurrentTime	4195077888		
		Expected Value	Populé
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	265.609314	265.609314 ± 0.2	•
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	196.135361	196.135361 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	5.71470642	5.71470642 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	38.5221024	38.5221024 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	42277	42277 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	54573	54573 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4195077888	4195077888	-
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4195077888	4195077888	✓
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	7.53998756e-005	7.53999993e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	525.752197	525.752197 ± 0.2	-
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	255	255 ± 0.5	•
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	13.4235058	13.4235058 ± 0.04	-
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	88.5801086	88.5801086 ± 0.0625	•
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	42277	42277 ± 2	✓
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52217	52217 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4195077888	4195077888	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4195077888	4195077888	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.53266907e-005	6.53000025e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	-
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	72.2188644	72.2188644 ± 0.2	-
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	172.141464	172.141464 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	5.45036793	5.45036793 ± 0.04	-
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	58.6687202	58.6687202 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	47724	47724 ± 2	-
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	1764	1764 ± 2	-
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4195077888	4195077888	-
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	4195077888	4195077888	•
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	-
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	7.53998756e-005	7.53999993e-005 ± 1.25663627181805E-06	
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.53266907e-005	6.53000025e-005 ± 1.25663627181805E-06	
	0.304800004	0.304800004	
VehDyn_SLPHwAuth_Uls_M_f32			

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Name	Innut Value	
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00046000001	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	21.7662468	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0350000001	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.063000001	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	664.569519	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	12.4867144	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	228.050003	
k_AutoCntrHiSpdTimer1_mS_u16	8935	
k_AutoCntrHiSpdTimer2_mS_u16	53328	
k AutoCntrHiSpdTimer4CntrWindow HwDeg f32	49.7095528	





K.AudiochHSQRTimes/HNTqHWM, 122		Input Value		
LAUSCONTHSSpdTimeral willing 152	SpdTimer4MtrVel_MtrRadpS_f32	450.146423		
AutoChristSpdTimed_MS_U18	SpdTimer4PinTrq_HwNm_f32	9.50154114		
*** AutoChrit AspdCnrtWindow _ HvDeg_ f12	SpdTimer4VehSpd_kph_f32	182.573456		
AutoCritic SpdFiltKn, Hz, Fi2	SpdTimer4_mS_u16	7812		
k_AutoCnttLoSpdTimerIMtrVel_MtRadpS_132 560.017944 k_AutoCnttLoSpdTimerIMtrVel_MtRadpS_132 560.017944 k_AutoCnttLoSpdTimerIMtrVel_MtRadpS_132 560.017944 k_AutoCnttLoSpdTimerIMtrVel_MtRadpS_132 184.805145 k_AutoCnttLoSpdTimerI_mS_u16 1043 k_AutoCnttLoSpdTimerI_mS_u16 1044 k_AutoCnttLoSpdTimerI_mS_u16 1044 larget_MolPosResetNVMtStoredLastPos_NtwOp_122 1043 larget_MolPosResetNVMtStoredLastPos_NtwOp_122 1043 larget_MolPosResetNVMtStoredLastPos_NtwOp_122 1044 larget_MolPosReset 1044 larget_MolP	SpdCntrWindow_HwDeg_f32	61.1730156		
K_AutoCnitLoSpdTimerl MIVE_MtrRappS_12	SpdFilt1Kn_Hz_f32	0.063000001		
k_AutoCintLoSpdTimert mkspd_kpt_p132	SpdFilt2Kn_Hz_f32	0.00779999979		
K_AUGORIALOSpdTimer1_mS_u16	SpdTimer1MtrVel_MtrRadpS_f32	560.017944		
k_AutoCntrLoSpdTimer1_mS_u18	SpdTimer1PinTrq_HwNm_f32	3.75256419		
K_AutoCntriusSpdTimer2_mS_u16	SpdTimer1VehSpd_kph_f32	184.805145		
K_SLPPHANLONDIY_UIL_T32	SpdTimer1_mS_u16	10463		
K_SLPEnableBFCheck_Cnt_lgc	SpdTimer2_mS_u16	43013		
S. S. P. P. Murbon Servest N. M. Stored Last Pos Valid Cnt. Igc	TrqLPFCoeffKn_Hz_f32	0.0350000001		
target_Pim_MotiPosReset.NVMStored.astPos.HvDeg_132 295.596985 target_Rim_MotiPosReset.NVMStored.astPos_HvDeg_132 295.596985 target_Rim_Inst_A_VehDyn_2Pim_MotiPosReset target_VehDyn_Init1_FauliBFActive_Cnt_lgc value target_VehDyn_Init1_FauliBFActive_Cnt_lgc-value 1 target_VehDyn_Init1_FauliBFActive_Cnt_lgc-value 4 target_VehDyn_Init1_FauliBFActive_Cnt_lgc-value 4 target_VehDyn_Init1_FauliBFActive_Cnt_lgc-value 4 target_VehDyn_Init1_FauliBFActive_Cnt_lgc-value 4 t	3FCheck_Cnt_lgc	1		
target_Pim_MotPoaReset.NVMStoredt.astPos_HwDeg_f32 target_Rie_Inst_AD_VehDyn_Z.VehDyn_Initf_Faulti8FActive_Cnt_Igc target_Rie_Inst_AD_VehDyn_Z.Pim_MotPoaReset target_Lie_Inst_AD_VehDyn_D.Pim_MotPoaReset target_VehDyn_Initf_Faulti8FActive_Cnt_Igc.value tgt_GetSystemTime_mS_u32_CurrentTime 2339853824 **Name** VehDyn_AutoCntrDetSpd_M_str_MirVel_MtrRadpS_f32 450.146423 450.156423 450.146433 450.146433 450.146433 450.14643 450.146433 450.146433 450.146433 450.146433 450.146433 450.14643 450.14643 450.146433 450.146433 450.146433 450.146433 450.146433 450.1464	ority_Uls_f32	0.311399996		
target_Re_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc target_VehDyn_n.LPm_MotPosReset target_Plm_MotPosReset target_VehDyn_Init1_FaultBFActive_Cnt_lgc_value 1 target_VehDyn_Init1_FaultBFActive_Cnt_lgc_value 1 VehDyn_AutoCntrDetSpd_M_str_MtrVel_MtrRadpS_f32 450.144623 450.144623 ± 0.2 VehDyn_AutoCntrDetSpd_M_str_WehSpd_kph_f32 450.144623 450.144623 ± 0.2 VehDyn_AutoCntrDetSpd_M_str_FiltPinTring_HwNm_f32 9.50154114 9.50154114 ± 0.04 VehDyn_AutoCntrDetSpd_M_str_FiltPinTring_HwNm_f32 49.709528 49.709528 ± 0.0625 VehDyn_AutoCntrDetSpd_M_str_Timer1.msh_mS_u16 8335 8335 ± 2 VehDyn_AutoCntrDetSpd_M_str_Timer1.msh_mS_u16 7812 7812 ± 2 VehDyn_AutoCntrDetSpd_M_str_Timer1_mS_u32 2339853824 2339853824 VehDyn_AutoCntrDetSpd_M_str_Timer2_mS_u32 2339853824 2339853824 VehDyn_AutoCntrDetSpd_M_str_RelHwPosFiltSV_HwDeg_str_K_Uis_f32 9.79990366-005 9.799999666-005 ± 1.25663627181805E-06 VehDyn_AutoCntrHispd_M_str_TimerAps_MS_f32 644.599519 644.599519 ± 0.2 644.599519 ± 0.2 VehDyn_AutoCntrHispd_M_str_TimerAps_mS_u16 8935 8935 ± 0.5 VehDyn_AutoCntrHispd_M_str	otPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_Re_Inst_Ap_VenDyn_2.Pim_MotiPosReset target_VehDyn_Init1_FautiBFActive_Cnt_lig.cvalue target_VehDyn_Init1_FautiBFActive_Cnt_lig.cvalue tgt_CestSystemTime_mS_u32_CurrentTime 2339853824 Name Actual Value Expected Value VehDyn_AutoCntrDetSpd_M_str.Wrket_MtrRadpS_f32 450.146423 450.146423 0.2 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 182.573456 182.573456 182.573456 0.5 VehDyn_AutoCntrDetSpd_M_str.FillerinTrq_Hwhm_f32 9.50154114 9.50154114±0.04 VehDyn_AutoCntrDetSpd_M_str.FillerinTrq_Hwhm_f32 49.7095528 49.70955	otPosReset.NVMStoredLastPos_HwDeg_f32	295.596985		
target_VehDyn_Init1_FaultBFActive_Cnt_Igc.value 1 Vame Actual Value Expected Value VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 450.146423 450.146423 ± 0.2 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 450.146423 450.146423 ± 0.2 VehDyn_AutoCntrDetSpd_M_str.CirtPintTrq_HwNm_f32 9.50154114 9.50154114 ± 0.04 VehDyn_AutoCntrDetSpd_M_str.CirtRivIndow_HwDeg_f32 49.7095528 49.7095528 ± 0.0625 VehDyn_AutoCntrDetSpd_M_str.TimerTTresh_mS_u16 8935 8935 ± 2 VehDyn_AutoCntrDetSpd_M_str.TimerTTresh_mS_u16 7812 7812 ± 2 VehDyn_AutoCntrDetSpd_M_str.TimerT_mS_u32 2339853824 2339853824 VehDyn_AutoCntrDetSpd_M_str.TimerT_mS_u32 2339853824 2339853824 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.K_UIs_f32 0.000791370869 0.000791368017 ± 1.25663627181805E-06 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.K_UIs_f32 9.7990036e-005 9.79999968e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.Wirvle_MitrRadpS_f32 664.569519 ± 664.569519 ± 664.569519 ± 60 664.569519 ± 60 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 8935 8935 ± 2 VehDyn_AutoCntrHiSpd	st_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFA	ctive_Cnt_lgc	
Variety Vari	st_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
Name Actual Value Expected Value VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 450.146423 450.146423 ± 0.2 VehDyn_AutoCntrDetSpd_M_str.VehSpd_Kph_f32 182.573456 182.573456 ± 0.5 VehDyn_AutoCntrDetSpd_M_str.FillPinTrq_HwNm_f32 9.50154114 9.50154114 ± 0.04 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 49.7095528 49.7095528 ± 0.0625 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 8935 8935 ± 2 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 7812 7812 ± 2 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32 2339853824 2339853824 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 2339853824 2339853824 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 0.000791370869 0.000791386017 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.WehPosFilt2SV_HwDeg_str.K_UIs_f32 9.7999036e-005 9.79999968e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.WehPosFilt2SV_HwDeg_str.K_UIs_f32 228.050003 228 ± 0.5 VehDyn_AutoCntrHiSpd_M_str.Timer1_mTh_f32 12.4867144 12.4867144 ± 0.04 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u16 8935 8935 ± 2 VehDyn_A	n_Init1_FaultBFActive_Cnt_lgc.value	1		
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 450.146423 450.146423 ± 0.2 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 182.673456 182.573456 ± 0.5 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 9.50154114 9.50154114 ± 0.04 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 49.7095528 49.7095528 49.7095528 ± 0.0625 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 8935 8935 ± 2 7812 ± 2 7812 ± 2 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 7812 7812 ± 2 2339853824 2339853824 2339853824 2339853824 2339853824 2339853824 24000000000000000000000000000000000000	nTime_mS_u32_CurrentTime	2339853824		
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 182.573456 182.573456 ± 0.5 VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 9.50154114 9.50154114 ± 0.04 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 49.7095528 ± 0.0625 VehDyn_AutoCntrDetSpd_M_str.Timer1_ms_u16 8935 8935 ± 2 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 7812 7812 ± 2 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2339853824 2339853824 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 2339853824 2339853824 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 0.000791370869 0.000791386017 ± 1.25663627181805E-06 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 9.7990036e-005 9.79999968e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.WehSpd_kpt_f32 228.050003 228 ± 0.5 VehDyn_AutoCntrHiSpd_M_str.RitPinTrq_HwNm_f32 12.4867144 12.4867144 ± 0.04 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 8935 8935 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 8935 8935 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 8935 8935 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_m		Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 9.50154114 9.50154114 ± 0.04 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 49.7095528 49.7095528 49.7095528 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 8935 8935 ± 2 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2339853824 2339853824 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2339853824 2339853824 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 0.000791370869 0.000791386017 ± 1.25663627181805E-06 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 9.7990036e-005 9.7999968e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.WirtPduMtrRadpS_f32 664.569519 664.569519 ± 0.2 VehDyn_AutoCntrHiSpd_M_str.WirtPduMtrRadpS_f32 228.050003 228 ± 0.5 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 12.4867144 12.4867144 ± 0.04 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 21.7662468 21.7662468 ± 0.0625 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 0.000439703465 </td <td>CntrDetSpd_M_str.MtrVel_MtrRadpS_f32</td> <td>450.146423</td> <td>450.146423 ± 0.2</td> <td>•</td>	CntrDetSpd_M_str.MtrVel_MtrRadpS_f32	450.146423	450.146423 ± 0.2	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 9.50154114 9.50154114 ± 0.04 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 49.7095528 49.7095528 49.7095528 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 8935 8935 ± 2 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 7812 7812 ± 2 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2339853824 2339853824 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 0.000791370869 0.000791386017 ± 1.25663627181805E-06 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 9.7990036e-005 9.7999968e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.WirtPel_HtrRadpS_f32 664.569519 664.569519 ± 0.2 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 228.050003 228 ± 0.5 VehDyn_AutoCntrHiSpd_M_str.WirtModw_HwDeg_f32 21.7662468 21.7662468 ± 0.0625 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 8935 8935 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 0.000439703465	CntrDetSpd_M_str.VehSpd_kph_f32	182.573456	182.573456 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 8935 8935 ± 2 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 7812 7812 ± 2 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2339853824 2339853824 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 2339853824 2339853824 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 0.000791370869 0.000791368017 ± 1.25663627181805E-06 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 9.7990036e-005 9.79999968e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.Wel_MtrRadpS_f32 664.569519 664.569519 ± 0.2 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 228.650003 228 ± 0.5 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 12.4867144 12.4867144 ± 0.04 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 8935 8935 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 8935 8935 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.Ti		9.50154114	9.50154114 ± 0.04	-
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 7812 7812 ± 2 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2339853824 2339853824 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 2339853824 2339853824 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFit1SV_HwDeg_str.K_UIs_f32 0.000791370869 0.000791368017 ± 1.25663627181805E-06 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFit12SV_HwDeg_str.K_UIs_f32 9.7990036e-005 9.7999996e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFit12SV_HwDeg_str.K_UIs_f32 9.7990036e-005 9.7999996e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 228.050003 228 ± 0.5 VehDyn_AutoCntrHiSpd_M_str.FittPinTrq_HwNm_f32 12.4867144 12.4867144 ± 0.04 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 8935 8935 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 53328 53328 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFitl1SV_HwDeg_str.K_UIs_f32 0.000439703465 0.000	CntrDetSpd_M_str.CntrWindow_HwDeg_f32	49.7095528	49.7095528 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2339853824 2339853824 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 2339853824 2339853824 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitItISV_HwDeg_str.K_UIs_f32 0.000791370869 0.000791368017 ± 1.25663627181805E-06 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitIt2SV_HwDeg_str.K_UIs_f32 9.79900368-005 9.7999968e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 664.569519 664.569519 ± 0.2 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 228.050003 228 ± 0.5 VehDyn_AutoCntrHiSpd_M_str.FittPinTrq_HwNm_f32 12.4867144 12.4867144 ± 0.04 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 8935 8935 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 53328 53328 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitItSV_HwDeg_str.K_UIs_f32 0.000439703465 0.000439725991 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitItSV_HwDeg_str.K_UIs_f32 0.000791370869 0.000791368017 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitItSV_HwDeg_str.	CntrDetSpd_M_str.Timer1Thresh_mS_u16	8935	8935 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 2339853824 2339853824 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 0.000791370869 0.000791368017 ± 1.25663627181805E-06 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 9.7990036e-005 9.79999968e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 664.569519 664.569519 ± 0.2 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 228.050003 228 ± 0.5 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 12.4867144 12.4867144 ± 0.04 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 21.7662468 21.7662468 ± 0.0625 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 8935 8935 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 0.000439703465 0.000439725991 ± 1.25663627181805E-06 VehDyn_AutoCntrLiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000791370869 0.000791368017 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.Wivel_MtrRadpS_f32 560.017944 560.017944 ± 0.2 VehDyn_AutoC	CntrDetSpd_M_str.Timer2Thresh_mS_u16	7812	7812 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 0.000791370869 0.000791368017 ± 1.25663627181805E-06 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 9.7990036e-005 9.79999968e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 664.569519 664.569519 ± 0.2 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 12.4867144 12.4867144 ± 0.04 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 12.4867144 12.4867144 ± 0.04 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 21.7662468 21.7662468 ± 0.0625 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 8935 8935 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 53328 53328 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 0.000439703465 0.000439725991 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 0.000791370869 0.000791368017 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RitPinTrq_HwNm_f32 184.805145 184.805145 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 184.805145 184.805145 ± 0.04 VehDyn_A	CntrDetSpd_M_str.Timer1_mS_u32	2339853824	2339853824	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 9.7990036e-005 9.79999968e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 664.569519 664.569519 ± 0.2 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 228.050003 228 ± 0.5 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 12.4867144 12.4867144 ± 0.04 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 8935 21.7662468 ± 0.0625 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 53328 53328 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 0.000439703465 0.000439725991 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 0.000791370869 0.000791368017 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.NtrVel_MtrRadpS_f32 560.017944 560.017944 ± 0.2 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 184.805145 184.805145 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 3.75256419 3.75256419 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 61.	CntrDetSpd_M_str.Timer2_mS_u32	2339853824	2339853824	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 664.569519 664.569519 ± 0.2 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 228.050003 228 ± 0.5 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 12.4867144 12.4867144 ± 0.04 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 21.7662468 21.7662468 ± 0.0625 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 8935 8935 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 53328 53328 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitISV_HwDeg_str.K_UIs_f32 0.000439703465 0.000439725991 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitISV_HwDeg_str.K_UIs_f32 0.000791370869 0.000791368017 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.Wtvle_MtrRadpS_f32 560.017944 560.017944 ± 0.2 VehDyn_AutoCntrLoSpd_M_str.WehSpd_kph_f32 184.805145 184.805145 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 3.75256419 3.75256419 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 61.1730156 61.1730156 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16<	CntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 228.050003 228 ± 0.5 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 12.4867144 12.4867144 ± 0.04 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 21.7662468 21.7662468 ± 0.0625 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 8935 8935 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 53328 53328 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 0.000439703465 0.000439725991 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000791370869 0.000791368017 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.MitrVel_MtrRadpS_f32 560.017944 560.017944 ± 0.2 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 184.805145 184.805145 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 3.75256419 3.75256419 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 61.1730156 61.1730156 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 10463 10463 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	CntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	9.7990036e-005	9.79999968e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 12.4867144 12.4867144 ± 0.04 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 21.7662468 21.7662468 ± 0.0625 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 8935 8935 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 53328 53328 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 0.000439703465 0.000439725991 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000791370869 0.000791368017 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 560.017944 560.017944 ± 0.2 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 184.805145 184.805145 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 3.75256419 3.75256419 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 61.1730156 61.1730156 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 10463 10463 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 43013 43013 ± 2	CntrHiSpd_M_str.MtrVel_MtrRadpS_f32	664.569519	664.569519 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 21.7662468 21.7662468 ± 0.0625 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 8935 8935 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 53328 53328 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 0.000439703465 0.000439725991 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000791370869 0.000791368017 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 560.017944 560.017944 ± 0.2 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 184.805145 184.805145 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 3.75256419 3.75256419 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 61.1730156 61.1730156 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 10463 10463 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 43013 43013 ± 2	CntrHiSpd_M_str.VehSpd_kph_f32	228.050003	228 ± 0.5	✓
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 8935 8935 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 53328 53328 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 0.000439703465 0.000439725991 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000791370869 0.000791368017 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 560.017944 560.017944 ± 0.2 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 184.805145 184.805145 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 3.75256419 3.75256419 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 61.1730156 61.1730156 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 10463 10463 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 43013 43013 ± 2	OntrHiSpd_M_str.FiltPinTrq_HwNm_f32	12.4867144	12.4867144 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 53328 53328 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 0.000439703465 0.000439725991 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000791370869 0.000791368017 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 560.017944 560.017944 ± 0.2 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 184.805145 184.805145 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 3.75256419 3.75256419 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 61.1730156 61.1730156 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 10463 10463 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 43013 43013 ± 2	CntrHiSpd_M_str.CntrWindow_HwDeg_f32	21.7662468	21.7662468 ± 0.0625	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 0.000439703465 0.000439725991 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000791370869 0.000791368017 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.MitrVel_MtrRadpS_f32 560.017944 560.017944 ± 0.2 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 184.805145 184.805145 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 3.75256419 3.75256419 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 61.1730156 61.1730156 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 10463 10463 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 43013 43013 ± 2	CntrHiSpd_M_str.Timer1Thresh_mS_u16	8935	8935 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2339853824 2339853824 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 0.000439703465 0.000439725991 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000791370869 0.000791368017 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 560.017944 560.017944 ± 0.2 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 184.805145 184.805145 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 3.75256419 3.75256419 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 61.1730156 61.1730156 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 10463 10463 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 43013 43013 ± 2	CntrHiSpd_M_str.Timer2Thresh_mS_u16	53328	53328 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 0.000439703465 0.000439725991 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 0.000791370869 0.000791368017 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 560.017944 560.017944 ± 0.2 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 184.805145 184.805145 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 3.75256419 3.75256419 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 61.1730156 61.1730156 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 10463 10463 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 43013 43013 ± 2	CntrHiSpd_M_str.Timer1_mS_u32	2339853824	2339853824	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000791370869 0.000791368017 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 560.017944 560.017944 ± 0.2 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 184.805145 184.805145 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 3.75256419 3.75256419 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 61.1730156 61.1730156 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 10463 10463 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 43013 43013 ± 2	CntrHiSpd_M_str.Timer2_mS_u32	2339853824	2339853824	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 560.017944 560.017944 ± 0.2 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 184.805145 184.805145 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 3.75256419 3.75256419 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 61.1730156 61.1730156 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 10463 10463 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 43013 43013 ± 2	CntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000439703465	0.000439725991 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 184.805145 184.805145 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 3.75256419 3.75256419 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 61.1730156 61.1730156 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 10463 10463 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 43013 43013 ± 2	CntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 3.75256419 3.75256419 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 61.1730156 61.1730156 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 10463 10463 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 43013 43013 ± 2	CntrLoSpd_M_str.MtrVel_MtrRadpS_f32	560.017944	560.017944 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 61.1730156 61.1730156 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 10463 10463 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 43013 43013 ± 2	CntrLoSpd_M_str.VehSpd_kph_f32	184.805145	184.805145 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 10463 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 43013 ± 2	CntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3.75256419	3.75256419 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 43013 43013 ± 2	CntrLoSpd_M_str.CntrWindow_HwDeg_f32	61.1730156	61.1730156 ± 0.0625	~
	CntrLoSpd_M_str.Timer1Thresh_mS_u16	10463	10463 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 2339853824 2339853824	CntrLoSpd_M_str.Timer2Thresh_mS_u16	43013	43013 ± 2	~
	CntrLoSpd_M_str.Timer1_mS_u32	2339853824	2339853824	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2339853824 2339853824	CntrLoSpd_M_str.Timer2_mS_u32	2339853824	2339853824	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 0.000791370869 0.000791368017 ± 1.25663627181805E-06	CntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 9.7990036e-005 9.79999968e-005 ± 1.25663627181805E-06	CntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	9.7990036e-005	9.79999968e-005 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32 0.000439703465 0.000439725991 ± 1.25663627181805E-06	rqSV_M_str.K_Uls_f32	0.000439703465	0.000439725991 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32 0 0	lwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32 0	-lwPos_HwDeg_M_f32	0	0	~

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.51 (Repeat Count = 1)		✓
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000479999988	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	19.5605583	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0560000017	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00200000009	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	572.561157	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	0	





Auto-Certification of March 1997 1995	Name	Input Value		
AutoCintRipOrtTimert _mgu16	k AutoCntrHiSpdTimer1VehSpd kph f32	•		
AutoChrist(SpriffmestPrinter(MestPrinter		16201		
AutoChristSofTimeXhmSp1.Tim_Hohm.fts2 22131937	k_AutoCntrHiSpdTimer2_mS_u16	54439		
LAUSCHHISSPETIMENE/MISPLE 192 12 1319197	k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	75.1727753		
AutoChriftSpaTimerk*UniSpa*UniSpa*Un	k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	520.135864		
AuthOrticle Sport Filt Fil	k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	12.4131937		
K.AubContaSpeCintWindow, HwDeg_G2 27 07924288	k_AutoCntrHiSpdTimer4VehSpd_kph_f32	52.6185455		
K.AutSchrickSpdfirmer/Mirch MrFater S. 72	k_AutoCntrHiSpdTimer4_mS_u16	54779		
AutoCartioSpeffinerAmy/AuthFatges_132 9844097	k_AutoCntrLoSpdCntrWindow_HwDeg_f32	27.0724258		
R.AusContLoSeptTimer*IMPrict_PMR192 728800991	k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00200000009		
K_AUDICHI SGRITIMENT PATE Membra	k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00899999961		
K_AutoCnit aSpdTimert \	k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	199.42067		
K_AutoCntrisSpdTimert_mS_u16 18842 18842	k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	7.28609991		
RAUGORITHOR PCOEMEN, PLC 928 0.0550000017	k_AutoCntrLoSpdTimer1VehSpd_kph_f32	255		
K_SLPEnableBChoke, Crt. Igo Larget, Pim, MoPoReseet, MMStored LasPos/ HuOpg, 132 Larget, Pim, MoPoReseet, MMStored LasPos, HuOpg, 132 Larget, Pim, MoPoReseet, MMStored LasPos, HuOpg, 132 Larget, Rel. Inst. Ap., VehDyn, 2 Pim, MoPoReseet, Dr. Igo Larget, Pim, MoPoReseet, MMStored LasPos, HuOpg, 132 Larget, Rel. Inst. Ap., VehDyn, 2 Pim, MoPoReseet, Dr. Igo Larget, Rel. Inst. Ap., VehDyn, 2 Pim, MoPoReseet, Dr. Igo Larget, Rel. Inst. Ap., VehDyn, 2 Pim, MoPoReseet, Dr. Igo Larget, Rel. Inst. Ap., VehDyn, 2 Pim, MoPoReseet, Dr. Igo Larget, Rel. Inst. Ap., VehDyn, 2 Pim, MoPoReseet, Dr. Igo Larget, Rel. Inst. Ap., VehDyn, 2 MoPoReseet, Dr. Igo Larget, Rel. Inst. Ap., VehDyn, 2 MoPoReseet, Dr. Igo Larget, Rel. Inst. Ap., VehDyn, 2 MoPoReseet, Dr. Igo Larget, Rel. Inst. Ap., VehDyn, 2 MoPoReseet, Dr. Igo Larget, Rel. Inst. Ap., VehDyn, 2 MoPoReseet, Dr. Igo Larget, Rel. Inst. Ap., VehDyn, 2 MoPoReseet, Dr. Igo Larget, Rel. Inst. Ap., VehDyn, 2 MoPoReseet, Dr. Igo Larget, Rel. Inst. Ap., VehDyn, 2 MoPoReseet, Dr. Igo Larget, Rel. Inst. Ap., VehDyn, 2 MoPoReseet, Dr. Igo Larget, Rel. Inst. Ap., VehDyn, 2 MoPoReseet, Dr. Igo Larget, Rel. Inst. Ap., VehDyn, 2 MoPoReseet, Dr. Igo Larget, Rel. Inst. Ap., VehDyn, 2 MoPoReseet, Dr. Igo Larget, Rel. Inst. Ap., VehDyn, 2 MoPoReseet, Dr. Igo Larget, Rel. Inst. Ap., VehDyn, 2 MoPoReseet, Dr. Igo Larget, Rel. Inst. Ap., VehDyn, 2 MoPoReseet, Dr. Igo Larget, Rel. Inst. Ap., VehDyn, 2 MoPoReseet, Dr. Igo Larget, Rel. Inst. Ap., VehDyn, 2 MoPoReseet, Dr. Igo Larget, Rel. Inst. Rel. Inst. Inst. Larget, Dr. Igo Larget, Rel. Inst. Larget, Dr. Igo Larget, MoPoReseet, MoReseet, Dr. Igo Larget, MoPoReseet, Dr. Igo	k_AutoCntrLoSpdTimer1_mS_u16	18002		
K_SLPHwAuthority_Us_152	k_AutoCntrLoSpdTimer2_mS_u16	18842		
Light Physical Broad State Section 2015 Secti	k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0560000017		
target_Pim_MorPosReset.NVMStored.tastPos_HvDeg_f32 27:553995	k_SLPEnableBFCheck_Cnt_lgc	0		
target_Rei_inst_Ap_VehDyn_2VehDyn_init1_FaultBFActive_Cnt_ipc target_Rei_inst_Ap_VehDyn_2VehDyn_init1_FaultBFActive_Cnt_ipc target_VehDyn_init1_FaultBFActive_Cnt_ipc_value t	k_SLPHwAuthority_Uls_f32	0.317999989		
target Rie Inst. Ap. VehDyn. 2 VehDyn. Init! FaultBFActive Cnt. Igc target Rie. Inst. Ap. VehDyn. 2 Pim. MofforSesest target Lynchy Init! FaultBFActive Cnt. Igc value 10, CetSystem Time _mS_u32_ CurrentTime 3524313344 VehDyn. AutoCntriDetSpd_M_str.MitVel_MtrRadpS_i32 520.135864 520.135864 520.135864 5.0.5 52.61854665 52.61854665 52.61854665 52.61854665 52.61854665 52.61854665 52.61854665 52.	target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Nein_Inst_Ap_VeinDyn_1 2Pm_MotiPscReset target_VeinDyn_Initi_FaultBFActive_Cnt_lgcvalue tyr_CelsiysternTime_ms_0u3c_CurrentTime 3524313344 **Name**	target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	271.563995		
target LyehDyn_Init_FaultEPActive_Cnt_Igc.value 1gt_GetSystemTime_mS_u32_currentTime 3524313344 VehDyn_AutoCntrDetSpd_M_str_MtrVet_MirRadpS_f32 52.0 135864 520.135	target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFActive_Cnt_lgc		
Securitime	target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
Name Actual Value Expected Value Result VehDyn_AutoCnrtDetSpd_M_str.MirVel_MtrRadpS_f32 520.135864 520.135864 ± 0.2 ✓ VehDyn_AutoCnrtDetSpd_M_str.CntPstSpd_Kph_f32 526.185455 526.185455 ± 0.5 ✓ VehDyn_AutoCnrtDetSpd_M_str.CntPwindow_HwDeg_f32 75.1727753 72.1727753 ± 0.0625 ✓ VehDyn_AutoCnrtDetSpd_M_str.CntPwindow_HwDeg_f32 75.1727753 77.1727753 ± 0.0625 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 16201 16201 ± 2 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 3524313344 3524313344 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 3524313344 3524313344 3524313344 ✓ VehDyn_AutoCntrDetSpd_M_str.RelHwDesFitISVS_HwDeg_str.K_UIs_f32 25.1531601±005 2.51000001±005±1.25663627181805E-06 ✓ VehDyn_AutoCntrHiSpd_M_str.RelHwDesFitISVS_HwDeg_str.K_UIs_f32 97.2561157 572.561157 ± 0.2 ✓ VehDyn_AutoCntrHiSpd_M_str.RelHwDesFitISVS_HwDeg_str.K_UIs_f32 93.5913 193.532913 ± 0.5 ✓ VehDyn_AutoCntrHiSpd_M_str.RelHwDesFitISVS_HwDeg_str.K_UIs_f32 93.54313344 3524313344 ✓ VehDyn	target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0		
VehDyn_AutoCntrDetSpd_M_str.NtrVel_MtrRadpS_f32 520.135864 520.135864 ± 0.2 ✓ VehDyn_AutoCntrDetSpd_M_str.VehSpd_kpn_f32 52.6185455 52.618545 ± 0.5 ✓ VehDyn_AutoCntrDetSpd_M_str.FiliPinTrq_HwNm_f32 12.4131937 12.4131937 ± 0.04 ✓ VehDyn_AutoCntrDetSpd_M_str.FiliPinTrq_HwNm_f32 75.1727753 75.1727753 ± 0.0625 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 16201 16201 ± 2 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 54779 54779 ± 2 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 3524313344 3524313344 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 3524313344 3524313344 ✓ VehDyn_AutoCntrDetSpd_M_str.RelHwPosefitISV_HwDeg_str.K_Uls_f32 0.000113070011 0.000113091002 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrHiSpd_M_str.RelHwPosefitISV_HwDeg_str.K_Uls_f32 572.561157 572.561157 572.561157 ± 0.2 ✓ VehDyn_AutoCntrHiSpd_M_str.RelHwPosefitISV_HwDeg_str.K_Uls_f32 19.5605583 19.5605583 ± 0.0625 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 16201 16201 ± 2 ✓ Veh	tgt_GetSystemTime_mS_u32_CurrentTime	3524313344		
VehDyn_AutoCntrDetSpd_M_str.NtrVel_MtrRadpS_f32 52.0135864 520.135864 ± 0.2 ✓ VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 52.6186455 52.6186455 ± 0.5 ✓ VehDyn_AutoCntrDetSpd_M_str.FiliPinTrq_Hxhm_f32 12.4131937 12.4131937 ± 0.04 ✓ VehDyn_AutoCntrDetSpd_M_str.FiliPinTrq_Hxhm_f32 75.1727753 75.1727753 ± 0.0625 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 16201 16201 ± 2 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 54779 54779 ± 2 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 3524313344 3524313344 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 3524313344 3524313344 ✓ VehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.K_Uls_f32 0.000113070011 0.000113091002± 1.25663627181805E-06 ✓ VehDyn_AutoCntrHiSpd_M_str.MirVel_MtrRadpS_f32 572.561157 572.561157 572.561157 t.0.2 ✓ VehDyn_AutoCntrHiSpd_M_str.PiliPinTq_HwNm_f32 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 52.6186455 52.6185455 ± 0.5 ✓ VehDyn_AutoCntrDetSpd_M_str.FillPhTriq_Hwhm_f32 12.4131937 12.4131937 ± 0.04 ✓ VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 75.1727753 75.1727753 ± 0.0625 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 16201 16201 ± 2 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 54779 54779 ± 2 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 3524313344 3524313344 3524313344 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 3524313344 3524313344 3524313344 ✓ VehDyn_AutoCntrDetSpd_M_str.RetHwPosFittSV_HwDeg_str.K_UIs_f32 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrHispd_M_str.RetHwPosFittSV_HwDeg_str.K_UIs_f32 572.561157 572.561157 ± 0.2 ✓ VehDyn_AutoCntrHispd_M_str.Timer1Thresh_mS_12 193.532913 193.532913 ± 0.5 ✓ VehDyn_AutoCntrHispd_M_str.Timer1Thresh_mS_u16 16201 16201 ± 2 ✓ VehDyn_AutoCntrHispd_M_str.Timer1_mS_u32 3524313344 3524313344 3524313344 ✓	VehDvn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	520.135864	•	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 12.4131937 12.4131937 ± 0.04 ✔ VehDyn_AutoCntrDetSpd_M_str.Timer1Trnesh_mS_u16 16201 16201 ± 2 ✔ VehDyn_AutoCntrDetSpd_M_str.Timer1Trnesh_mS_u16 54779 54779 ± 2 ✔ VehDyn_AutoCntrDetSpd_M_str.Timer2Trnesh_mS_u18 54779 54779 ± 2 ✔ VehDyn_AutoCntrDetSpd_M_str.Timer2Trnesh_mS_u22 3524313344 3524313344 ✔ VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 3524313344 3524313344 ✔ VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitItSV_HwDeg_str.K_Uls_132 0.000113070011 0.000113071001100301002 ± 1.25663627181805E-06 ✔ VehDyn_AutoCntrHiSpd_M_str.Well_MtrRadpS_ft22 193.532913 193.532913 ± 0.5 ✔ VehDyn_AutoCntrHiSpd_M_str.Well_MtrRadpS_ft22 193.532913 193.532913 ± 0.5 ✔ VehDyn_AutoCntrHiSpd_M_str.Timer1_ms_us_16 16201 16201 ± 2 ✔ VehDyn_AutoCntrHiSpd_M_str.Timer1_ms_us_16 14201 16201 ± 2 ✔ VehDyn_AutoCntrHiSpd_M_str.Timer1_ms_us_2 3524313344 3524313344 ✔ VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilitSv_HwDeg_str.K_Uls_53 3524313344		52.6185455		~
VehDyn_AutoCntrDetSpd_M_str. CntrWindow_HwDeg_f32 75.1727753 75.1727753 ± 0.0625 ✓ VehDyn_AutoCntrDetSpd_M_str. Timer1Thresh_mS_u16 16201 122 ✓ VehDyn_AutoCntrDetSpd_M_str. Timer1Thresh_mS_u16 54779 54779 ± 2 ✓ VehDyn_AutoCntrDetSpd_M_str. Timer1_mS_u32 3524313344 3524313344 3524313344 VehDyn_AutoCntrDetSpd_M_str. RelHwPosFittSV_HwDeg_str.K_UIs_f32 0.000113070011 0.000113091002 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.K_UIs_f32 0.000113070011 0.000113091002 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 572.561157 572.561157 ± 0.2 ✓ VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 193.532913 193.532913 ± 0.5 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 16201 16201 ± 2 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 16201 16201 ± 2 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 54439 54439 ± 2 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 3524313344 3524313344 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32		12.4131937	12.4131937 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 16201 16201 ± 2 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 54779 54779 ± 2 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 3524313344 3524313344 3524313344 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 3524313344 3524313344 ✓ VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilttSV_HwDeg_str.K_UIs_f32 2.516316016-005 2.51000001e-005 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000113070011 0.000113001002 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 193.532913 193.532913 ± 0.5 ✓ VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 19.5605583 19.5605583 ± 0.0625 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer1_mrs_mS_u16 16201 16201 ± 2 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 3524313344 3524313344 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 3524313344 3524313344 ✓ VehDyn_AutoCntrHiSpd_M_str.RelHwPosFit1SV_HwDeg_str.K_UIs_f32 0.000703454018 0.000703469977 ± 1.25663627181805E-06 <td></td> <td>75.1727753</td> <td>75.1727753 ± 0.0625</td> <td>✓</td>		75.1727753	75.1727753 ± 0.0625	✓
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u32 54779 \$4779 ± 2 ✓ VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 3524313344 3524313344 ✓ VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 0.000113070011 0.000113091002 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrHiSpd_M_str.WrVel_MtrRadpS_f32 572.561157 572.561157 ± 0.2 ✓ VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 193.532913 193.532913 ± 0.5 ✓ VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 193.502913 195.605583 ± 0.0625 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 16201 16201 ± 2 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 54439 54439 ± 2 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 3524313344 3524313344 ✓ VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.K_Uls_f32 0.00070345018 0.00070346897 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiltSV_HwDeg_str.K_Uls_f32 251831601e-005 2.51000001e-005 ± 1.25663627181805E-06		16201	16201 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 3524313344 3524313344 3524313344 ✓ VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFittISV_HwDeg_str.K_UIs_f32 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFittISV_HwDeg_str.K_UIs_f32 0.000113070011 0.000113091002 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFittISV_HwDeg_str.K_UIs_f32 0.000113070011 0.000113091002 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrHiSpd_M_str.MirVel_MtrRadpS_f32 572.561157 572.561157 ± 0.2 ✓ VehDyn_AutoCntrHiSpd_M_str.CittPMindow_HwDeg_f32 193.532913 193.532913 ± 0.5 ✓ VehDyn_AutoCntrHiSpd_M_str.CittPMindow_HwDeg_f32 19.5605583 19.5605583 ± 0.0625 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 16201 16201 ± 2 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 3524313344 3524313344 3524313344 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 3524313344 3524313344 ✓ VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFittSV_HwDeg_str.K_UIs_f32 0.00070345018 0.000703468977 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrLoSpd_M_str.WirVel_Mt		54779	54779 ± 2	✓
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 3524313344 3524313344 ✓ VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitItSV_HwDeg_str.K_UIs_f32 2.515316016-005 2.510000016-005 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitItSV_HwDeg_str.K_UIs_f32 0.000113070011 0.000113091002 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 572.561157 572.561157 ± 0.2 ✓ VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 193.532913 193.532913 ± 0.5 ✓ VehDyn_AutoCntrHiSpd_M_str.FitPinTrq_HwNm_f32 0 0 0 ± 0.04 ✓ VehDyn_AutoCnttHiSpd_M_str.Timer1_mts_m5_u16 16201 16201 ± 2 ✓ VehDyn_AutoCnttHiSpd_M_str.Timer1_m5_u32 3524313344 3524313344 ✓ VehDyn_AutoCnttHiSpd_M_str.Timer1_m5_u32 3524313344 3524313344 ✓ VehDyn_AutoCnttHiSpd_M_str.RelHwPosFitItSV_HwDeg_str.K_UIs_f32 0.000703454018 0.000703468977 ± 1.25663627181805E-06 ✓ VehDyn_AutoCnttLoSpd_M_str.RelHwPosFitItSV_HwDeg_str.K_UIs_f32 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-06 ✓ VehDyn_AutoCnttLoSpd_M_str.RilPinTa_HwMm_f32 72.8609991 7.28609991		3524313344	3524313344	~
VehDyn_AutoCntrDelSpd_M_str.ReliHwPosFitt2SV_HwDeg_str.K_Uls_f32 0.000113070011 0.000113091002 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 572.561157 572.561157 ± 0.2 VehDyn_AutoCntrHiSpd_M_str.NehSpd_kph_f32 193.532913 193.532913 ± 0.5 VehDyn_AutoCntrHiSpd_M_str.FiltPrinrq_HwNm_f32 0 0 ± 0.04 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 16201 18201 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 54439 54439 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 5439 54439 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer1ms_u32 3524313344 3524313344 VehDyn_AutoCntrHiSpd_M_str.Timer1ms_u32 3524313344 3524313344 VehDyn_AutoCntrHiSpd_M_str.ReliHwPosFilt1SV_HwDeg_str.K_Uls_f32 0.000703454018 0.000703468977 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.ReliHwPosFilt2SV_HwDeg_str.K_Uls_f32 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.PiltPinTrq_HwNm_f32 728609991 728609991 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 72724258 27.0724258 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 18002 18002	VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3524313344	3524313344	•
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 572.561157 572.561157 ± 0.2 ✓ VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 193.532913 193.532913 ± 0.5 ✓ VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 0 0 ± 0.04 ✓ VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 19.5605583 19.5605583 ± 0.0625 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 16201 16201 ± 2 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 54439 54439 ± 2 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 3524313344 3524313344 3524313344 ✓ VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_UIs_f32 0.000703454018 0.000703468977 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_UIs_f32 2.51831601e-005 2.51000001e-005 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_UIs_f32 255 255 ± 0.5 ✓ VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 7.28609991 7.28609991 ± 0.04 ✓ VehDyn_AutoCntrLoSpd_M_str.Timer1_mFs_uS_u16 18002 18002 ± 2 ✓ VehDyn_AutoCntrLoS	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 193.532913 193.532913 ± 0.5 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 0 0 ± 0.04 VehDyn_AutoCntrHiSpd_M_str.CinttVindow_HwDeg_f32 19.5605583 19.5605583 ± 0.0625 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 16201 16201 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 54439 54439 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 3524313344 3524313344 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 3524313344 3524313344 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitltSV_HwDeg_str.K_UIs_f32 0.000703454018 0.000703468977 ± 1.25663627181805E-06 VehDyn_AutoCntrLiSpd_M_str.RelHwPosFitlt2SV_HwDeg_str.K_UIs_f32 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitl2SV_HwDeg_str.K_UIs_f32 255 255 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.PitPinTrq_HwNm_f32 7.28609991 7.28609991 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 7.274258 27.0724258 27.0724258 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 18002 18002 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 18842 18842 ± 2 <	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str. FiltPinTrq_HwNm_f32 0 0 ± 0.04 ✓ VehDyn_AutoCntrHiSpd_M_str. CntrWindow_HwDeg_f32 19.5605583 19.5605583 ± 0.0625 ✓ VehDyn_AutoCntrHiSpd_M_str. Timer1Thresh_mS_u16 16201 16201 ± 2 ✓ VehDyn_AutoCntrHiSpd_M_str. Timer1Thresh_mS_u16 54439 54439 ± 2 ✓ VehDyn_AutoCntrHiSpd_M_str. Timer1_mS_u32 3524313344 3524313344 3524313344 ✓ VehDyn_AutoCntrHiSpd_M_str. RelHwPosFilt1SV_HwDeg_str. K_Uls_f32 0.000703454018 0.000703468977 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrLoSpd_M_str. RelHwPosFilt2SV_HwDeg_str. K_Uls_f32 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrLoSpd_M_str. RelHwPosFilt2SV_HwDeg_str. K_Uls_f32 199.42067 199.42067 ± 0.2 ✓ VehDyn_AutoCntrLoSpd_M_str. MtrVel_MtrRadpS_f32 255 255 ± 0.5 ✓ VehDyn_AutoCntrLoSpd_M_str. FiltPinTrq_HwNm_f32 7.28609991 7.28609991 ± 0.04 ✓ VehDyn_AutoCntrLoSpd_M_str. Timer1Thresh_mS_u16 18002 18002 ± 2 ✓ VehDyn_AutoCntrLoSpd_M_str. Timer2Thresh_mS_u16 18842 18842 ± 2 ✓	VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	572.561157	572.561157 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 19.5605583 19.5605583 ± 0.0625 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 16201 16201 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 54439 54439 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 3524313344 3524313344 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 3524313344 3524313344 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiilt15V_HwDeg_str.K_UIs_f32 0.000703454018 0.000703468977 ± 1.25663627181805E-06 VehDyn_AutoCntrLiSpd_M_str.RelHwPosFiilt2SV_HwDeg_str.K_UIs_f32 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RitrVel_MtrRadpS_f32 199.42067 199.42067 ± 0.2 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 255 255 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 7.28609991 7.28609991 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 27.0724258 27.0724258 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 18002 18002 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 18842 18842 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 3524313344 3524313344	VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	193.532913	193.532913 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 16201 16201 ± 2 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 54439 54439 ± 2 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 3524313344 3524313344 3524313344 ✓ VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 3524313344 3524313344 3524313344 ✓ VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitItSV_HwDeg_str.K_UIs_f32 0.000703454018 0.000703468977 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitItSV_HwDeg_str.K_UIs_f32 2.51531601e-0.05 2.5100001e-0.05 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitItSV_HwDeg_str.K_UIs_f32 199.42067 199.42067 ± 0.2 ✓ VehDyn_AutoCntrLoSpd_M_str.VelSpd_kph_f32 255 255 ± 0.5 ✓ ✓ VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 7.28609991 7.28609991 ± 0.04 ✓ VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 18002 18002 ± 2 ✓ VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3524313344 3524313344 ✓ VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 3524313344 3524313344 ✓	VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0	0 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 54439 54439 ± 2 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 3524313344 3524313344 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 3524313344 3524313344 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 0.000703454018 0.000703468977 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 199.42067 199.42067 ± 0.2 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 255 255 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 7.28609991 7.28609991 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 27.0724258 27.0724258 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 18002 18002 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3524313344 3524313344 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3524313344 3524313344 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.0	VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	19.5605583	19.5605583 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 3524313344 3524313344 3524313344 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 3524313344 3524313344 3524313344 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiitlSV_HwDeg_str.K_Uls_f32 0.000703454018 0.000703468977 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiitl2SV_HwDeg_str.K_Uls_f32 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 199.42067 199.42067 ± 0.2 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 255 255 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 7.28609991 7.28609991 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 27.0724258 27.0724258 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 18002 18002 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 3524313344 3524313344 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3524313344 3524313344 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 3524313344 3524313344 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32 0.000113070011 0.000113091002 ± 1.25663627181805E-06 VehDyn_PinTrqSV_M_str.K_Uls_f32	VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	16201	16201 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 3524313344 3524313344 \$	VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	54439	54439 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 0.000703454018 0.000703468977 ± 1.25663627181805E-06 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 199.42067 199.42067 ± 0.2 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 255 255 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 7.28609991 7.28609991 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 27.0724258 27.0724258 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 18002 18002 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 18842 18842 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3524313344 3524313344 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 3524313344 3524313344 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 0.000113070011 0.000113091002 ± 1.25663627181805E-06 VehDyn_PinTrqSV_M_str.K_Uls_f32 0.000703454018 0.000703468977 ± 1.25663627181805E-06 VehDyn_SLPHwAuth_Uls_M_f32 0.317999989 0.317999989 <td>VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32</td> <td>3524313344</td> <td>3524313344</td> <td>~</td>	VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3524313344	3524313344	~
VehDyn_AutoCntrHSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 199.42067 199.42067 ± 0.2 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 255 255 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 7.28609991 7.28609991 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 27.0724258 27.0724258 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 18002 18002 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 18842 18842 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3524313344 3524313344 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 3524313344 3524313344 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000113070011 0.000113091002 ± 1.25663627181805E-06 VehDyn_PinTrqSV_M_str.K_UIs_f32 0.000703454018 0.000703468977 ± 1.25663627181805E-06 VehDyn_SLPHwAuth_UIs_M_f32 0.317999989 0.317999989	VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3524313344	3524313344	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 199.42067 199.42067 ± 0.2 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 255 255 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 7.28609991 7.28609991 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 27.0724258 27.0724258 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 18002 18002 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 18842 18842 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3524313344 3524313344 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 3524313344 3524313344 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000113070011 0.000113091002 ± 1.25663627181805E-06 VehDyn_PinTrqSV_M_str.K_UIs_f32 0.000703454018 0.000703468977 ± 1.25663627181805E-06 VehDyn_SLPHwAuth_UIs_M_f32 0.317999989 0.317999989	VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000703454018	0.000703468977 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 255 255 ± 0.5 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 7.28609991 7.28609991 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 27.0724258 27.0724258 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 18002 18002 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 18842 18842 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3524313344 3524313344 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 3524313344 3524313344 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000113070011 0.000113091002 ± 1.25663627181805E-06 VehDyn_PinTrqSV_M_str.K_UIs_f32 0.000703454018 0.000703468977 ± 1.25663627181805E-06 VehDyn_SLPHwAuth_UIs_M_f32 0.317999989 0.317999989	VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.FiitPinTrq_HwNm_f32 7.28609991 7.28609991 ± 0.04 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 27.0724258 27.0724258 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 18002 18002 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 18842 18842 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3524313344 3524313344 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 3524313344 3524313344 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000113070011 0.000113091002 ± 1.25663627181805E-06 VehDyn_PinTrqSV_M_str.K_UIs_f32 0.000703454018 0.000703468977 ± 1.25663627181805E-06 VehDyn_SLPHwAuth_UIs_M_f32 0.317999989 0.317999989	VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	199.42067	199.42067 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 27.0724258 27.0724258 ± 0.0625 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 18002 18002 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 18842 18842 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3524313344 3524313344 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 3524313344 3524313344 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000113070011 0.000113091002 ± 1.25663627181805E-06 VehDyn_PinTrqSV_M_str.K_UIs_f32 0.000703454018 0.000703468977 ± 1.25663627181805E-06 VehDyn_SLPHwAuth_UIs_M_f32 0.317999989 0.317999989	VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	255	255 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 18002 18002 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 18842 18842 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3524313344 3524313344 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 3524313344 3524313344 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000113070011 0.000113091002 ± 1.25663627181805E-06 VehDyn_PinTrqSV_M_str.K_UIs_f32 0.000703454018 0.000703468977 ± 1.25663627181805E-06 VehDyn_SLPHwAuth_UIs_M_f32 0.317999989 0.317999989	VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.28609991	7.28609991 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 18842 18842 ± 2 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3524313344 3524313344 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 3524313344 3524313344 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000113070011 0.000113091002 ± 1.25663627181805E-06 VehDyn_PinTrqSV_M_str.K_UIs_f32 0.000703454018 0.000703468977 ± 1.25663627181805E-06 VehDyn_SLPHwAuth_UIs_M_f32 0.317999989 0.317999989	VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	27.0724258	27.0724258 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3524313344 3524313344 ** VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 3524313344 3524313344 ** VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-06 ** VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000113070011 0.000113091002 ± 1.25663627181805E-06 ** VehDyn_PinTrqSV_M_str.K_UIs_f32 0.000703454018 0.000703468977 ± 1.25663627181805E-06 ** VehDyn_SLPHwAuth_UIs_M_f32 0.317999989 0.317999989 **	VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	18002	18002 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 3524313344 3524313344 ✓ VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-06 ✓ VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 0.000113070011 0.000113091002 ± 1.25663627181805E-06 ✓ VehDyn_PinTrqSV_M_str.K_Uls_f32 0.000703454018 0.000703468977 ± 1.25663627181805E-06 ✓ VehDyn_SLPHwAuth_Uls_M_f32 0.317999989 0.317999989 ✓	VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	18842	18842 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.RellHwPosFilt1SV_HwDeg_str.K_Uls_f32 2.51531601e-005 2.51000001e-005 ± 1.25663627181805E-06 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 0.000113070011 0.000113091002 ± 1.25663627181805E-06 VehDyn_PinTrqSV_M_str.K_Uls_f32 0.000703454018 0.000703468977 ± 1.25663627181805E-06 VehDyn_SLPHwAuth_Uls_M_f32 0.317999989 0.317999989	VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3524313344	3524313344	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 0.000113070011 0.000113091002 ± 1.25663627181805E-06 VehDyn_PinTrqSV_M_str.K_Uls_f32 0.000703454018 0.000703468977 ± 1.25663627181805E-06 VehDyn_SLPHwAuth_Uls_M_f32 0.317999989 0.317999989		3524313344	3524313344	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 0.000113070011 0.000113091002 ± 1.25663627181805E-06 VehDyn_PinTrqSV_M_str.K_Uls_f32 0.000703454018 0.000703468977 ± 1.25663627181805E-06 VehDyn_SLPHwAuth_Uls_M_f32 0.317999989 0.317999989	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32 0.317999989 0.317999989	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32 0.317999989 0.317999989		0.000703454018	0.000703468977 ± 1.25663627181805E-06	~
VehDyn_SLPHwPos_HwDeg_M_f32 271.563995 271.563995		0.317999989	0.317999989	~
	VehDyn_SLPHwPos_HwDeg_M_f32	271.563995	271.563995	~

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.52 (Repeat Count = 1)		✓
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000500000024	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	72.3069534	





Name	Input Value			
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0670000017	0.0670000017		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00499999989			
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	532.443176			
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	20			
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	116.974548			
k_AutoCntrHiSpdTimer1_mS_u16	28925			
k_AutoCntrHiSpdTimer2_mS_u16	55550			
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	67.8938828			
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	498.552795			
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	1.5492686			
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	42.4051514			
k_AutoCntrHiSpdTimer4_mS_u16	40071			
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	51.3248215			
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00499999989			
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0344000012			
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	32.0000687			
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	0.0526188612			
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	86.9903564			
k_AutoCntrLoSpdTimer1_mS_u16	4363			
k_AutoCntrLoSpdTimer2_mS_u16	58876	58876		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0670000017	0.0670000017		
k_SLPEnableBFCheck_Cnt_lgc	1			
k_SLPHwAuthority_Uls_f32	0.324600011			
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0			
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	247.531006			
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFA	ctive_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset			
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1			
tgt_GetSystemTime_mS_u32_CurrentTime	2108719104			
Name	Actual Value	Expected Value	Resul	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	498.552795	498.552795 ± 0.2	•	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	42.4051514	42.4051514 ± 0.5	•	
ValaDira AutoCataDatCad M. ata FiltDiraTara UluMara 600	1 5402696 + 0.04			

tgt_GetGystem file_inG_u32_Current file	2100719104		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	498.552795	498.552795 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	42.4051514	42.4051514 ± 0.5	✓
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	1.5492686	1.5492686 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	67.8938828	67.8938828 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	28925	28925 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	40071	40071 ± 2	✓
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2108719104	2108719104	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2108719104	2108719104	✓
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000432193279	0.000432189991 ± 1.25663627181805E-06	· 🗸
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	532.443176	532.443176 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	116.974548	116.974548 ± 0.5	✓
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	72.3069534	72.3069534 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	28925	28925 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	55550	55550 ± 2	✓
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2108719104	2108719104	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2108719104	2108719104	✓
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000841617584	0.000841591973 ± 1.25663627181805E-06	i 🗸
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	✓
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	32.0000687	32.0000687 ± 0.2	•
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	86.9903564	86.9903564 ± 0.5	✓
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	0.0526188612	0.0526188612 ± 0.04	•
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	51.3248215	51.3248215 ± 0.0625	✓
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	4363	4363 ± 2	✓
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	58876	58876 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2108719104	2108719104	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2108719104	2108719104	✓
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000432193279	0.000432189991 ± 1.25663627181805E-06	i 🗸
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000841617584	0.000841591973 ± 1.25663627181805E-06	i 🗸
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~





Test Step 2.53 (Repeat Count = 1)	Innut Value		
Name CatSustantina as 222(Compatitions)	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Current1	ime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
VehDyn_PinTrqSV_M_str.K_UIs_f32 k_AutoCntrHiSpdCntrWindow_HwDeq_f32	0.000520000001 47.1172676		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0250000004		
k AutoCntrHiSpdFilt2Kn Hz f32	0.00520000004		
k AutoCntrHiSpdTimer1MtrVel MtrRadpS f32	330.663879		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	14.0500002		
k AutoCntrHiSpdTimer1VehSpd kph f32	53.6340179		
k_AutoCntrHiSpdTimer1_mS_u16	18436		
k_AutoCntrHiSpdTimer2_mS_u16	56661		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	52.8357315		
k AutoCntrHiSpdTimer4MtrVel MtrRadpS f32	129.583893		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	2.4654448		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	169.279709		
k_AutoCntrHiSpdTimer4_mS_u16	46866		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	80.1532669		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00520000001		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0458000004		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	207.336761		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	15.5891829		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	126.774094		
k_AutoCntrLoSpdTimer1_mS_u16	29601		
k_AutoCntrLoSpdTimer2_mS_u16	17463		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0250000004		
k_SLPEnableBFCheck_Cnt_lgc	0		
k_SLPHwAuthority_Uls_f32	0.331200004		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	223.498001		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFActive_Cr	nt_igc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_Igc.value	0 2894938880		
tgt_GetSystemTime_mS_u32_CurrentTime Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	129.583893	129.583893 ± 0.2	Result
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	169.279709	169.279709 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.4654448	2.4654448 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52.8357315	52.8357315 ± 0.0625	•
		18436 ± 2	v
VENDAN WITCHINDERORD IN SILTIMELLIMESH IUQ ILIQ	18436		
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	18436 46866	46866 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16			~
	46866	46866 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	46866 2894938880	46866 ± 2 2894938880	•
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	46866 2894938880 2894938880	46866 ± 2 2894938880 2894938880	•
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	46866 2894938880 2894938880 6.53266907e-005	46866 ± 2 2894938880 2894938880 6.53000025e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	46866 2894938880 2894938880 6.53266907e-005 0.000575363636	46866 ± 2 2894938880 2894938880 6.53000025e-005 ± 1.25663627181805E-06 0.000575373997 ± 1.25663627181805E-06	0
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	46866 2894938880 2894938880 6.53266907e-005 0.000575363636 330.663879	46866 ± 2 2894938880 2894938880 6.53000025e-005 ± 1.25663627181805E-06 0.000575373997 ± 1.25663627181805E-06 330.663879 ± 0.2	0
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	46866 2894938880 2894938880 6.53266907e-005 0.000575363636 330.663879 53.6340179	46866 ± 2 2894938880 2894938880 6.53000025e-005 ± 1.25663627181805E-06 0.000575373997 ± 1.25663627181805E-06 330.663879 ± 0.2 53.6340179 ± 0.5	0
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	46866 2894938880 2894938880 6.53266907e-005 0.000575363636 330.663879 53.6340179 14.0500002	46866 ± 2 2894938880 2894938880 6.53000025e-005 ± 1.25663627181805E-06 0.000575373997 ± 1.25663627181805E-06 330.663879 ± 0.2 53.6340179 ± 0.5 14.0500002 ± 0.04	0
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	46866 2894938880 2894938880 6.53266907e-005 0.000575363636 330.663879 53.6340179 14.0500002 47.1172676	46866 ± 2 2894938880 2894938880 6.53000025e-005 ± 1.25663627181805E-06 0.000575373997 ± 1.25663627181805E-06 330.663879 ± 0.2 53.6340179 ± 0.5 14.0500002 ± 0.04 47.1172676 ± 0.0625	0
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VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.NehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	46866 2894938880 2894938880 6.53266907e-005 0.000575363636 330.663879 53.6340179 14.0500002 47.1172676 18436 56661 2894938880 2894938880 0.000314116478 6.53266907e-005 207.336761 126.774094 15.5891829 80.1532669 29601 17463 2894938880 2894938880 2894938880 6.53266907e-005	46866 ± 2 2894938880 2894938880 6.53000025e-005 ± 1.25663627181805E-06 0.000575373997 ± 1.25663627181805E-06 330.663879 ± 0.2 53.6340179 ± 0.5 14.0500002 ± 0.04 47.1172676 ± 0.0625 18436 ± 2 2894938880 2894938880 0.000314109988 ± 1.25663627181805E-06 6.53000025e-005 ± 1.25663627181805E-06 207.336761 ± 0.2 126.774094 ± 0.5 15.5891829 ± 0.04 80.1532669 ± 0.0625 29601 ± 2 17463 ± 2 2894938880 2894938880 2894938880 6.53000025e-005 ± 1.25663627181805E-06	



Τ					✓
Actual Function	Count	Expected Function	Coun	t Resu	ılt
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1		✓

Test Step 2.54 (Repeat Count = 1)			✓
Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTi	me	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000539999979		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	0		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00499999989		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0350000001		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	106.088676		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	17.3796749		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	82.7024841		
k_AutoCntrHiSpdTimer1_mS_u16	53106		
k_AutoCntrHiSpdTimer2_mS_u16	57772		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	0.382190108		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	40.3323212		
k AutoCntrHiSpdTimer4PinTrq HwNm f32	19.9312115		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	251.952911		
k_AutoCntrHiSpdTimer4_mS_u16	14715		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	86.5985413		
k AutoCntrLoSpdFilt1Kn Hz f32	0.0320999995		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00499999989		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	267.78949		
k AutoCntrLoSpdTimer1PinTrg HwNm f32	17.6586285		
k AutoCntrLoSpdTimer1VehSpd kph f32	105.719757		
k AutoCntrLoSpdTimer1 mS u16	27170		
k AutoCntrLoSpdTimer2 mS u16	21888		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989		
k SLPEnableBFCheck Cnt lgc	1		
k_SLPHwAuthority_UIs_f32	0.337799996		
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	0		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	199.464996		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFActive_Cni	t lac	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	<u>-190</u>	
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1		
tgt_GetSystemTime_mS_u32_CurrentTime	2059598336		
Name	Actual Value	Expected Value	Result
		·	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	40.3323212	40.3323212 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	251.952911	251.952911 ± 0.5	_
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.0010115		
Valabour AutoCataDatCad M ata CataMindau IIIIDaa 199	19.9312115	19.9312115 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	0.382190108	0.382190108 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	0.382190108 53106	0.382190108 ± 0.0625 53106 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	0.382190108 53106 14715	0.382190108 ± 0.0625 53106 ± 2 14715 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0.382190108 53106 14715 2059598336	0.382190108 ± 0.0625 53106 ± 2 14715 ± 2 2059598336	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0.382190108 53106 14715 2059598336 2059598336	0.382190108 ± 0.0625 53106 ± 2 14715 ± 2 2059598336 2059598336	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.382190108 53106 14715 2059598336 2059598336 0.000403285027	0.382190108 ± 0.0625 53106 ± 2 14715 ± 2 2059598336 2059598336 0.000403298996 ± 1.25663627181805E-06	0
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.382190108 53106 14715 2059598336 2059598336 0.000403285027 6.28232956e-005	0.382190108 ± 0.0625 53106 ± 2 14715 ± 2 2059598336 2059598336 0.000403298996 ± 1.25663627181805E-06 6.2799998e-005 ± 1.25663627181805E-06	0
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	0.382190108 53106 14715 2059598336 2059598336 0.000403285027 6.28232956e-005 106.088676	0.382190108 ± 0.0625 53106 ± 2 14715 ± 2 2059598336 2059598336 0.000403298996 ± 1.25663627181805E-06 6.2799998e-005 ± 1.25663627181805E-06 106.088676 ± 0.2	0
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	0.382190108 53106 14715 2059598336 2059598336 0.000403285027 6.28232956e-005 106.088676 82.7024841	0.382190108 ± 0.0625 53106 ± 2 14715 ± 2 2059598336 2059598336 0.000403298996 ± 1.25663627181805E-06 6.2799998e-005 ± 1.25663627181805E-06 106.088676 ± 0.2 82.7024841 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0.382190108 53106 14715 2059598336 2059598336 0.000403285027 6.28232956e-005 106.088676 82.7024841 17.3796749	0.382190108 ± 0.0625 53106 ± 2 14715 ± 2 2059598336 2059598336 0.000403298996 ± 1.25663627181805E-06 6.2799998e-005 ± 1.25663627181805E-06 106.088676 ± 0.2	0
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	0.382190108 53106 14715 2059598336 2059598336 0.000403285027 6.28232956e-005 106.088676 82.7024841	0.382190108 ± 0.0625 53106 ± 2 14715 ± 2 2059598336 2059598336 0.000403298996 ± 1.25663627181805E-06 6.2799998e-005 ± 1.25663627181805E-06 106.088676 ± 0.2 82.7024841 ± 0.5	0
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	0.382190108 53106 14715 2059598336 2059598336 0.000403285027 6.28232956e-005 106.088676 82.7024841 17.3796749	0.382190108 ± 0.0625 53106 ± 2 14715 ± 2 2059598336 2059598336 0.000403298996 ± 1.25663627181805E-06 6.2799998e-005 ± 1.25663627181805E-06 106.088676 ± 0.2 82.7024841 ± 0.5 17.3796749 ± 0.04	0
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	0.382190108 53106 14715 2059598336 2059598336 0.000403285027 6.28232956e-005 106.088676 82.7024841 17.3796749 0 53106 57772	0.382190108 ± 0.0625 53106 ± 2 14715 ± 2 2059598336 2059598336 0.000403298996 ± 1.25663627181805E-06 6.2799998e-005 ± 1.25663627181805E-06 106.088676 ± 0.2 82.7024841 ± 0.5 17.3796749 ± 0.04 0 ± 0.0625	0
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VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.NtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	0.382190108 53106 14715 2059598336 2059598336 0.000403285027 6.28232956e-005 106.088676 82.7024841 17.3796749 0 53106 57772 2059598336 2059598336 6.28232956e-005 0.000439703465 267.78949 105.719757	0.382190108 ± 0.0625 53106 ± 2 14715 ± 2 2059598336 2059598336 0.000403298996 ± 1.25663627181805E-06 6.2799998e-005 ± 1.25663627181805E-06 106.088676 ± 0.2 82.7024841 ± 0.5 17.3796749 ± 0.04 0 ± 0.0625 53106 ± 2 57772 ± 2 2059598336 2059598336 6.2799998e-005 ± 1.25663627181805E-06 0.000439725991 ± 1.25663627181805E-06 267.78949 ± 0.2 105.719757 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.NtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiitPinTrq_HwNm_f32	0.382190108 53106 14715 2059598336 2059598336 0.000403285027 6.28232956e-005 106.088676 82.7024841 17.3796749 0 53106 57772 2059598336 2059598336 2059598336 6.28232956e-005 0.000439703465 267.78949 105.719757 17.6586285	0.382190108 ± 0.0625 53106 ± 2 14715 ± 2 2059598336 2059598336 0.000403298996 ± 1.25663627181805E-06 6.2799998e-005 ± 1.25663627181805E-06 106.088676 ± 0.2 82.7024841 ± 0.5 17.3796749 ± 0.04 0 ± 0.0625 53106 ± 2 57772 ± 2 2059598336 2059598336 2059598336 6.2799998e-005 ± 1.25663627181805E-06 0.000439725991 ± 1.25663627181805E-06 267.78949 ± 0.2 105.719757 ± 0.5 17.6586285 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WehSpd_kpf_f32 VehDyn_AutoCntrHiSpd_M_str.FiitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.FiitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	0.382190108 53106 14715 2059598336 2059598336 0.000403285027 6.28232956e-005 106.088676 82.7024841 17.3796749 0 53106 57772 2059598336 2059598336 6.28232956e-005 0.000439703465 267.78949 105.719757 17.6586285 86.5985413	0.382190108 ± 0.0625 53106 ± 2 14715 ± 2 2059598336 2059598336 0.000403298996 ± 1.25663627181805E-06 6.2799998e-005 ± 1.25663627181805E-06 106.088676 ± 0.2 82.7024841 ± 0.5 17.3796749 ± 0.04 0 ± 0.0625 53106 ± 2 57772 ± 2 2059598336 2059598336 6.2799998e-005 ± 1.25663627181805E-06 0.000439725991 ± 1.25663627181805E-06 267.78949 ± 0.2 105.719757 ± 0.5 17.6586285 ± 0.04 86.5985413 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.WtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.NtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	0.382190108 53106 14715 2059598336 2059598336 0.000403285027 6.28232956e-005 106.088676 82.7024841 17.3796749 0 53106 57772 2059598336 2059598336 6.28232956e-005 0.000439703465 267.78949 105.719757 17.6586285 86.5985413 27170	0.382190108 ± 0.0625 53106 ± 2 14715 ± 2 2059598336 2059598336 0.000403298996 ± 1.25663627181805E-06 6.2799998e-005 ± 1.25663627181805E-06 106.088676 ± 0.2 82.7024841 ± 0.5 17.3796749 ± 0.04 0 ± 0.0625 53106 ± 2 57772 ± 2 2059598336 2059598336 6.2799998e-005 ± 1.25663627181805E-06 0.000439725991 ± 1.25663627181805E-06 267.78949 ± 0.2 105.719757 ± 0.5 17.6586285 ± 0.04 86.5985413 ± 0.0625 27170 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.WelPyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrd_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.WelPyn_Sf32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	0.382190108 53106 14715 2059598336 2059598336 0.000403285027 6.28232956e-005 106.088676 82.7024841 17.3796749 0 53106 57772 2059598336 2059598336 6.28232956e-005 0.000439703465 267.78949 105.719757 17.6586285 86.5985413 27170 21888	0.382190108 ± 0.0625 53106 ± 2 14715 ± 2 2059598336 2059598336 0.000403298996 ± 1.25663627181805E-06 6.2799998e-005 ± 1.25663627181805E-06 106.088676 ± 0.2 82.7024841 ± 0.5 17.3796749 ± 0.04 0 ± 0.0625 53106 ± 2 57772 ± 2 2059598336 6.2799998e-005 ± 1.25663627181805E-06 0.000439725991 ± 1.25663627181805E-06 267.78949 ± 0.2 105.719757 ± 0.5 17.6586285 ± 0.04 86.5985413 ± 0.0625 27170 ± 2 21888 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WtVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.NtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	0.382190108 53106 14715 2059598336 2059598336 0.000403285027 6.28232956e-005 106.088676 82.7024841 17.3796749 0 53106 57772 2059598336 2059598336 6.28232956e-005 0.000439703465 267.78949 105.719757 17.6586285 86.5985413 27170 21888 2059598336	0.382190108 ± 0.0625 53106 ± 2 14715 ± 2 2059598336 2059598336 0.000403298996 ± 1.25663627181805E-06 6.2799998e-005 ± 1.25663627181805E-06 106.088676 ± 0.2 82.7024841 ± 0.5 17.3796749 ± 0.04 0 ± 0.0625 53106 ± 2 57772 ± 2 2059598336 2059598336 6.2799998e-005 ± 1.25663627181805E-06 0.000439725991 ± 1.25663627181805E-06 267.78949 ± 0.2 105.719757 ± 0.5 17.6586285 ± 0.04 86.5985413 ± 0.0625 27170 ± 2 21888 ± 2 2059598336	





Name	Actual Value	Expected Value	Result
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	•
VehDyn SLPHwPos HwDeg M f32	0	0	✓

T				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.55 (Repeat Count = 1)			√
Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Curre	entTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000560000015		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	100		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00899999961		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0560000017		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	246.491226		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	15.1210756		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	14.3564606		
k_AutoCntrHiSpdTimer1_mS_u16	40735		
k_AutoCntrHiSpdTimer2_mS_u16	58883		
k AutoCntrHiSpdTimer4CntrWindow HwDeg f32	65.5642929		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	172.499313		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	5.32853031		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	198.042679		
k_AutoCntrHiSpdTimer4_mS_u16	37715		
k AutoCntrLoSpdCntrWindow HwDeg f32	9.40841103		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0850000009		
k AutoCntrLoSpdFilt2Kn Hz f32	0.00899999961		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	210.980316		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	5.85037804 177.992142		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32			
k_AutoCntrLoSpdTimer1_mS_u16	35868		
k_AutoCntrLoSpdTimer2_mS_u16	19303		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0089999961		
k_SLPEnableBFCheck_Cnt_lgc	0		
k_SLPHwAuthority_Uls_f32	0.344399989		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	175.432007		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFActive	_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0		
tgt_GetSystemTime_mS_u32_CurrentTime	800969984		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	172.499313	172.499313 ± 0.2	-
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	198.042679	198.042679 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	5.32853031	5.32853031 ± 0.04	-
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	65.5642929	65.5642929 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	40735	40735 ± 2	
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	70733	40735 ± 2	✓
VEHIDAH VARIOCHRIDERODA IN SILTHINEIZTHESH HIS ATO	37715	37715 ± 2	
			•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	37715 800969984	37715 ± 2 800969984	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	37715 800969984 800969984	37715 ± 2 800969984 800969984	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	37715 800969984 800969984 0.00106757879	37715 ± 2 800969984 800969984 0.00106757099 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	37715 800969984 800969984 0.00106757879 0.000113070011	37715 ± 2 800969984 800969984 0.00106757099 ± 1.25663627181805E-06 0.000113091002 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	37715 800969984 800969984 0.00106757879 0.000113070011 246.491226	37715 ± 2 800969984 800969984 0.00106757099 ± 1.25663627181805E-06 0.000113091002 ± 1.25663627181805E-06 246.491226 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	37715 800969984 800969984 0.00106757879 0.000113070011 246.491226 14.3564606	37715 ± 2 800969984 800969984 0.00106757099 ± 1.25663627181805E-06 0.000113091002 ± 1.25663627181805E-06 246.491226 ± 0.2 14.3564606 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	37715 800969984 800969984 0.00106757879 0.000113070011 246.491226 14.3564606 15.1210756	37715 ± 2 800969984 800969984 0.00106757099 ± 1.25663627181805E-06 0.000113091002 ± 1.25663627181805E-06 246.491226 ± 0.2 14.3564606 ± 0.5 15.1210756 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	37715 800969984 800969984 0.00106757879 0.000113070011 246.491226 14.3564606 15.1210756	37715 ± 2 800969984 800969984 $0.00106757099 \pm 1.25663627181805E-06$ $0.000113091002 \pm 1.25663627181805E-06$ 246.491226 ± 0.2 14.3564606 ± 0.5 15.1210756 ± 0.04 100 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	37715 800969984 800969984 0.00106757879 0.000113070011 246.491226 14.3564606 15.1210756 100 40735	37715 ± 2 800969984 800969984 $0.00106757099 \pm 1.25663627181805E-06$ $0.000113091002 \pm 1.25663627181805E-06$ 246.491226 ± 0.2 14.3564606 ± 0.5 15.1210756 ± 0.04 100 ± 0.0625 40735 ± 2	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	37715 800969984 800969984 0.00106757879 0.000113070011 246.491226 14.3564606 15.1210756 100 40735 58883	37715 ± 2 800969984 800969984 $0.00106757099 \pm 1.25663627181805E-06$ $0.000113091002 \pm 1.25663627181805E-06$ 246.491226 ± 0.2 14.3564606 ± 0.5 15.1210756 ± 0.04 100 ± 0.0625 40735 ± 2 58883 ± 2	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	37715 800969984 800969984 0.00106757879 0.000113070011 246.491226 14.3564606 15.1210756 100 40735 58883 800969984	37715 ± 2 800969984 800969984 $0.00106757099 \pm 1.25663627181805E-06$ $0.000113091002 \pm 1.25663627181805E-06$ 246.491226 ± 0.2 14.3564606 ± 0.5 15.1210756 ± 0.04 100 ± 0.0625 40735 ± 2 58883 ± 2 800969984	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	37715 800969984 800969984 0.00106757879 0.000113070011 246.491226 14.3564606 15.1210756 100 40735 58883 800969984 800969984	37715 ± 2 800969984 800969984 0.00106757099 ± 1.25663627181805E-06 0.000113091002 ± 1.25663627181805E-06 246.491226 ± 0.2 14.3564606 ± 0.5 15.1210756 ± 0.04 100 ± 0.0625 40735 ± 2 58883 ± 2 800969984 800969984	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	37715 800969984 800969984 0.00106757879 0.000113070011 246.491226 14.3564606 15.1210756 100 40735 58883 800969984 800969984 0.000113070011	37715 ± 2 800969984 800969984 0.00106757099 ± 1.25663627181805E-06 0.000113091002 ± 1.25663627181805E-06 246.491226 ± 0.2 14.3564606 ± 0.5 15.1210756 ± 0.04 100 ± 0.0625 40735 ± 2 58883 ± 2 800969984 800969984 0.000113091002 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	37715 800969984 800969984 0.00106757879 0.000113070011 246.491226 14.3564606 15.1210756 100 40735 58883 800969984 800969984	37715 ± 2 800969984 800969984 0.00106757099 ± 1.25663627181805E-06 0.000113091002 ± 1.25663627181805E-06 246.491226 ± 0.2 14.3564606 ± 0.5 15.1210756 ± 0.04 100 ± 0.0625 40735 ± 2 58883 ± 2 800969984 800969984	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	37715 800969984 800969984 0.00106757879 0.000113070011 246.491226 14.3564606 15.1210756 100 40735 58883 800969984 800969984 0.000113070011	37715 ± 2 800969984 800969984 0.00106757099 ± 1.25663627181805E-06 0.000113091002 ± 1.25663627181805E-06 246.491226 ± 0.2 14.3564606 ± 0.5 15.1210756 ± 0.04 100 ± 0.0625 40735 ± 2 58883 ± 2 800969984 800969984 0.000113091002 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	37715 800969984 800969984 0.00106757879 0.000113070011 246.491226 14.3564606 15.1210756 100 40735 58883 800969984 800969984 0.000113070011 0.000703454018	37715 ± 2 800969984 800969984 $0.00106757099 \pm 1.25663627181805E-06$ $0.000113091002 \pm 1.25663627181805E-06$ 246.491226 ± 0.2 14.3564606 ± 0.5 15.1210756 ± 0.04 100 ± 0.0625 40735 ± 2 58883 ± 2 800969984 800969984 $0.000113091002 \pm 1.25663627181805E-06$ $0.000703468977 \pm 1.25663627181805E-06$	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	37715 800969984 800969984 0.00106757879 0.000113070011 246.491226 14.3564606 15.1210756 100 40735 58883 800969984 800969984 0.000113070011 0.000703454018 210.980316	37715 ± 2 800969984 800969984 0.00106757099 ± 1.25663627181805E-06 0.000113091002 ± 1.25663627181805E-06 246.491226 ± 0.2 14.3564606 ± 0.5 15.1210756 ± 0.04 100 ± 0.0625 40735 ± 2 58883 ± 2 800969984 800969984 0.000113091002 ± 1.25663627181805E-06 0.000703468977 ± 1.25663627181805E-06 210.980316 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.WehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	37715 800969984 800969984 0.00106757879 0.000113070011 246.491226 14.3564606 15.1210756 100 40735 58883 800969984 800969984 0.000113070011 0.000703454018 210.980316 177.992142	37715 ± 2 800969984 800969984 $0.00106757099 \pm 1.25663627181805E-06$ $0.000113091002 \pm 1.25663627181805E-06$ 246.491226 ± 0.2 14.3564606 ± 0.5 15.1210756 ± 0.04 100 ± 0.0625 40735 ± 2 58883 ± 2 800969984 800969984 $0.000113091002 \pm 1.25663627181805E-06$ $0.000703468977 \pm 1.25663627181805E-06$ 210.980316 ± 0.2 177.992142 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Wtvel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Wtvel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	37715 800969984 800969984 0.00106757879 0.000113070011 246.491226 14.3564606 15.1210756 100 40735 58883 800969984 800969984 0.000113070011 0.000703454018 210.980316 177.992142 5.85037804	37715 ± 2 800969984 800969984 0.00106757099 ± 1.25663627181805E-06 0.000113091002 ± 1.25663627181805E-06 246.491226 ± 0.2 14.3564606 ± 0.5 15.1210756 ± 0.04 100 ± 0.0625 40735 ± 2 58883 ± 2 800969984 800969984 0.000113091002 ± 1.25663627181805E-06 0.000703468977 ± 1.25663627181805E-06 210.980316 ± 0.2 177.992142 ± 0.5 5.85037804 ± 0.04	

Test Step 2.56 (Repeat Count = 1)





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	800969984	800969984	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	800969984	800969984	✓
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00106757879	0.00106757099 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	✓
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.344399989	0.344399989	✓
VehDyn SLPHwPos HwDeg M f32	175.432007	175.432007	~

T					
Actual Function	Count	Expected Function	Count	t Resu	it
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1		

Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_C	urrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000579999993		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	2.04999995		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0250000004		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0670000017		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	680.440247		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.89876556		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	18.8164063		
k_AutoCntrHiSpdTimer1_mS_u16	39187		
k_AutoCntrHiSpdTimer2_mS_u16	59994		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	89.7410736		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	138.948975		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	18.4402218		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	145.445251		
k_AutoCntrHiSpdTimer4_mS_u16	35319		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	54.7292175		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00899999961		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0250000004		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	664.948303		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	14.762373		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	45.8468628		
k_AutoCntrLoSpdTimer1_mS_u16	1815		
k AutoCntrLoSpdTimer2 mS u16	21239		
k AutoCntrPinTrqLPFCoeffKn Hz f32	0.0250000004		
k SLPEnableBFCheck Cnt lgc	1		
k_SLPHwAuthority_Uls_f32	0.351000011		
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	0		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	151.399002		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFAc	tive Cnt Igc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1		
tgt_GetSystemTime_mS_u32_CurrentTime	569984000		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	138.948975	138.948975 ± 0.2	- tooui
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	145.445251	145.445251 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.4402218	18.4402218 ± 0.04	j
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	89.7410736	89.7410736 ± 0.0625	•
VehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	39187	39187 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer*Thresh_mS_u16	35319	35319 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	569984000	569984000	j
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	569984000	569984000	
	0.000113070011	0.000113091002 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32		0.000113091002 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478		j
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	680.440247	680.440247 ± 0.2	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	18.8164063	18.8164063 ± 0.5	
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.89876556	8.89876556 ± 0.04	- 4
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2.04999995 39187	2 ± 0.0625	
	59994	39187 ± 2 59994 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16		59994 ± 2 569984000	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	569984000		_
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	569984000	569984000	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000841617584	0.000841591973 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	664.948303 45.8468628	664.948303 ± 0.2 45.8468628 ± 0.5	•

VehDyn_Init1

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 Name
 Actual Value
 Expected Value
 Result

 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32
 14.762373
 14.762373 ± 0.04

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VehDyn_Init1



Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	7.79032707e-005	7.78999965e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	686.860413	686.860413 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	108.267075	108.267075 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.50215721	8.50215721 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	41.9530144	41.9530144 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	19095	19095 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14137	14137 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3351443200	3351443200	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3351443200	3351443200	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000439703465	0.000439725991 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.357600003	0.357600003	~
VehDyn_SLPHwPos_HwDeg_M_f32	127.365997	127.365997	~

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.58 (Repeat Count = 1)	Innut Value			
Name	Input Value	_		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Current	Ime		
Rte_Inst_Ap_VehDyn		target_Rte_Inst_Ap_VehDyn_2		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000620000006			
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	49.7710762			
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00899999961			
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00650000013			
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	338.984467			
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	18.0932884			
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	236.904205			
k_AutoCntrHiSpdTimer1_mS_u16	19981			
k_AutoCntrHiSpdTimer2_mS_u16	60000			
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	46.1480331			
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	124.406281			
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	4.16511393			
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	70.9388123			
k_AutoCntrHiSpdTimer4_mS_u16	29986			
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	7.41047621			
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00899999961			
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0560000017			
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	281.363403			
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	17.0429993			
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	139.053314			
k_AutoCntrLoSpdTimer1_mS_u16	8138			
k_AutoCntrLoSpdTimer2_mS_u16	35571			
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00899999961			
k_SLPEnableBFCheck_Cnt_lgc	1			
k_SLPHwAuthority_Uls_f32	0.364199996			
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	0			
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	103.333			
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFActive_C	nt lgc		
target Rte Inst Ap VehDyn 2.Pim MotPosReset	target Pim MotPosReset			
target VehDyn Init1 FaultBFActive Cnt Igc.value	1			
tgt_GetSystemTime_mS_u32_CurrentTime	1358028288			
Name	Actual Value	Expected Value	Resu	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	124,406281	124.406281 ± 0.2	ItCou	
	70.9388123	70.9388123 ± 0.5		
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32				
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.16511393	4.16511393 ± 0.04		
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	46.1480331	46.1480331 ± 0.0625		
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	19981	19981 ± 2		
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	29986	29986 ± 2		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1358028288	1358028288		
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1358028288	1358028288		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000703454018	0.000703468977 ± 1.25663627181805E-06		
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	338.984467	338.984467 ± 0.2		
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	236.904205	236.904205 ± 0.5		
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18.0932884	18.0932884 ± 0.04		
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	49.7710762	49.7710762 ± 0.0625		

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	19981	19981 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	60000	60000 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1358028288	1358028288	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1358028288	1358028288	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	8.16583633e-005	8.16999964e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	281.363403	281.363403 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	139.053314	139.053314 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	17.0429993	17.0429993 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	7.41047621	7.41047621 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	8138	8138 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	35571	35571 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1358028288	1358028288	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1358028288	1358028288	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000703454018	0.000703468977 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

T				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.59 (Repeat Count = 1)			✓	
Name	Input Value			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Ci	tgt_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	target_Rte_Inst_Ap_VehDyn_2		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000639999984			
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	58.6891289			
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0250000004			
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0250000004			
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	57.2952843			
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	2.56739569			
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	11.313797			
k_AutoCntrHiSpdTimer1_mS_u16	20825			
k_AutoCntrHiSpdTimer2_mS_u16	12456			
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	91.4300919			
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	459.889984			
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	18.1788235			
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	195.647476			
k_AutoCntrHiSpdTimer4_mS_u16	47347			
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	45.5890503			
<_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0250000004			
<_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0670000017			
<_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	195.074249			
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	15.5773945			
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	208.55397			
<_AutoCntrLoSpdTimer1_mS_u16	19617			
<_AutoCntrLoSpdTimer2_mS_u16	42138			
<_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0250000004			
<pre><_SLPEnableBFCheck_Cnt_lgc</pre>	0			
_SLPHwAuthority_Uls_f32	0.370799989			
arget_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1			
arget_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	79.3000031			
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFAct	ive_Cnt_lgc		
arget_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset			
arget_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0			
tgt_GetSystemTime_mS_u32_CurrentTime	1975593216			
Name	Actual Value	Expected Value	Resul	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	459.889984	459.889984 ± 0.2		
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	195.647476	195.647476 ± 0.5		
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.1788235	18.1788235 ± 0.04	٠,	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	91.4300919	91.4300919 ± 0.0625		
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	20825	20825 ± 2		
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	47347	47347 ± 2		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1975593216	1975593216		
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	1975593216	1975593216		

0.000314116478

0.000841617584

VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32

 $VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32$

0.000314109988 ± 1.25663627181805E-06

0.000841591973 ± 1.25663627181805E-06





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	57.2952843	57.2952843 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	11.313797	11.313797 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2.56739569	2.56739569 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	58.6891289	58.6891289 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20825	20825 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	12456	12456 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1975593216	1975593216	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1975593216	1975593216	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	195.074249	195.074249 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	208.55397	208.55397 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	15.5773945	15.5773945 ± 0.04	✓
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	45.5890503	45.5890503 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	19617	19617 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	42138	42138 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1975593216	1975593216	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1975593216	1975593216	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000841617584	0.000841591973 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.370799989	0.370799989	~
VehDyn_SLPHwPos_HwDeg_M_f32	79.3000031	79.3000031	~

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.60 (Repeat Count = 1)			×	
Name	Input Value			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Curr	tgt_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2			
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00066000002			
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	39.9920425			
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.000199999995			
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0350000001			
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	595.803711			
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	20			
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	249.256897			
k_AutoCntrHiSpdTimer1_mS_u16	51762			
k_AutoCntrHiSpdTimer2_mS_u16	1234			
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	52.9036674			
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	637.189331			
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	4.48333788			
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	60.9433594			
k_AutoCntrHiSpdTimer4_mS_u16	35091			
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	70.5879364			
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.063000001			
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00600000005			
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	112.469505			
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	9.19094181	9.19094181		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	138.473877			
k_AutoCntrLoSpdTimer1_mS_u16	45601			
k_AutoCntrLoSpdTimer2_mS_u16	16090			
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0250000004			
k_SLPEnableBFCheck_Cnt_lgc	1			
k_SLPHwAuthority_Uls_f32	0.377400011			
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0			
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	55.2669983			
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFActive	e_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset			
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1			
tgt_GetSystemTime_mS_u32_CurrentTime	910116864			
Name	Actual Value	Expected Value	Resul	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	637.189331	637.189331 ± 0.2	•	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	60.9433594	60.9433594 ± 0.5	•	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.48333788	4.48333788 ± 0.04		
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52.9036674	52.9036674 ± 0.0625	•	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	51762	51762 ± 2	•	
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	35091	35091 ± 2		





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	910116864	910116864	-
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	910116864	910116864	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	i 🗸
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	7.53998756e-005	7.53999993e-005 ± 1.25663627181805E-0	6 🗸
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	595.803711	595.803711 ± 0.2	-
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	249.256897	249.256897 ± 0.5	-
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04	-
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	39.9920425	39.9920425 ± 0.0625	•
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	51762	51762 ± 2	-
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	1234	1234 ± 2	-
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	910116864	910116864	-
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	910116864	910116864	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.50339508e-006	2.51000006e-006 ± 1.25663627181805E-0	6 🗸
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000439703465	0.000439725991 ± 1.25663627181805E-06	i 🗸
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	112.469505	112.469505 ± 0.2	-
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	138.473877	138.473877 ± 0.5	-
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	9.19094181	9.19094181 ± 0.04	-
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	70.5879364	70.5879364 ± 0.0625	-
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	45601	45601 ± 2	-
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	16090	16090 ± 2	-
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	910116864	910116864	-
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	910116864	910116864	-
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	i 🗸
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	7.53998756e-005	7.53999993e-005 ± 1.25663627181805E-0	6
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	i 🗸
VehDyn_SLPHwAuth_Uls_M_f32	0	0	•
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	-

T					V
Actual Function	Count	Expected Function	Count	Res	ult
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1		~

Name	Input Value			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_	tgt_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_3	target Rte Inst Ap VehDyn 2		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000679999997			
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	40.3496017			
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.100000001			
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0560000017			
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	31.3933392			
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	16.8332462			
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	3.91197205			
k_AutoCntrHiSpdTimer1_mS_u16	49799			
k_AutoCntrHiSpdTimer2_mS_u16	1568			
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	46.9611549			
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	190.477554			
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	6.47036648			
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	178.790085			
k_AutoCntrHiSpdTimer4_mS_u16	53632			
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	50.4249611			
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.061999999			
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00779999979			
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	114.137932			
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	1.6375922			
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	109.448532			
k_AutoCntrLoSpdTimer1_mS_u16	37638			
k_AutoCntrLoSpdTimer2_mS_u16	34521			
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989			
k_SLPEnableBFCheck_Cnt_lgc	0			
k_SLPHwAuthority_Uls_f32	0.384000003			
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1			
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	31.2339993			
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFA	target VehDyn Init1 FaultBFActive Cnt Igc		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset			
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0			
tgt_GetSystemTime_mS_u32_CurrentTime	402713344			
Name	Actual Value	Expected Value	Resul	
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	190.477554	190.477554 ± 0.2		
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	178.790085	178.790085 ± 0.5		





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.47036648	6.47036648 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	46.9611549	46.9611549 ± 0.0625	✓
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	49799	49799 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	53632	53632 ± 2	✓
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	402713344	402713344	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	402713344	402713344	✓
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000778794289	0.000778811984 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	9.7990036e-005	9.79999968e-005 ± 1.25663627181805E-06	✓
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	31.3933392	31.3933392 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	3.91197205	3.91197205 ± 0.5	•
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.8332462	16.8332462 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	40.3496017	40.3496017 ± 0.0625	✓
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	49799	49799 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	1568	1568 ± 2	✓
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	402713344	402713344	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	402713344	402713344	✓
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584798 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000703454018	0.000703468977 ± 1.25663627181805E-06	✓
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	114.137932	114.137932 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	109.448532	109.448532 ± 0.5	✓
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	1.6375922	1.6375922 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	50.4249611	50.4249611 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	37638	37638 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	34521	34521 ± 2	✓
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	402713344	402713344	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	402713344	402713344	✓
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000778794289	0.000778811984 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	9.7990036e-005	9.79999968e-005 ± 1.25663627181805E-06	✓
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.384000003	0.384000003	•
VehDyn_SLPHwPos_HwDeg_M_f32	31.2339993	31.2339993	~

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.62 (Repeat Count = 1)	
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000699999975
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	99.1655273
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.000199999995
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0350000001
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	279.967194
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	13.9828386
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	86.4936218
k_AutoCntrHiSpdTimer1_mS_u16	49400
k_AutoCntrHiSpdTimer2_mS_u16	1902
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	19.041563
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	179.741653
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	0.99505949
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	156.046783
k_AutoCntrHiSpdTimer4_mS_u16	48941
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	41.1003494
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0049999989
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00899999961
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	453.257568
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	8.62326527
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	130.321442
k_AutoCntrLoSpdTimer1_mS_u16	57817
k_AutoCntrLoSpdTimer2_mS_u16	34611
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00899999961
k_SLPEnableBFCheck_Cnt_lgc	1
k_SLPHwAuthority_UIs_f32	0.390599996
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	7.20100021
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFActive_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1





Name	Input Value		
tgt_GetSystemTime_mS_u32_CurrentTime	4178051584		
Name	Actual Value	Expected Value	Resul
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	179.741653	179.741653 ± 0.2	•
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	156.046783	156.046783 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	0.99505949	0.99505949 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	19.041563	19.041563 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	49400	49400 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	48941	48941 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4178051584	4178051584	-
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4178051584	4178051584	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	279.967194	279.967194 ± 0.2	•
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	86.4936218	86.4936218 ± 0.5	
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	13.9828386	13.9828386 ± 0.04	
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	99.1655273	99.1655273 ± 0.0625	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	49400	49400 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	1902	1902 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4178051584	4178051584	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4178051584	4178051584	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.50339508e-006	2.51000006e-006 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000439703465	0.000439725991 ± 1.25663627181805E-06	
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	453.257568	453.257568 ± 0.2	
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	130.321442	130.321442 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.62326527	8.62326527 ± 0.04	
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	41.1003494	41.1003494 ± 0.0625	
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	57817	57817 ± 2	
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	34611	34611 ± 2	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4178051584	4178051584	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4178051584	4178051584	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	
VehDyn_SLPHwAuth_Uls_M_f32	0	0	
VehDyn SLPHwPos HwDeg M f32	0	0	•

Τ				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.63 (Repeat Count = 1)	✓
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000720000011
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	64.989418
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0049999989
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.000199999995
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	144.154984
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	11.458559
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	55.1080475
k_AutoCntrHiSpdTimer1_mS_u16	50710
k_AutoCntrHiSpdTimer2_mS_u16	2236
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	56.9792366
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	540.500305
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	9.40114307
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	47.8860626
k_AutoCntrHiSpdTimer4_mS_u16	41475
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	95.4522934
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00899999961
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0344000012
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	287.461334
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	7.12687922
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	58.312088
k_AutoCntrLoSpdTimer1_mS_u16	49661
k_AutoCntrLoSpdTimer2_mS_u16	59445
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989
k_SLPEnableBFCheck_Cnt_lgc	0
k_SLPHwAuthority_Uls_f32	0.397199988
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1





Name	Input Value		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-16.8320007		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFActive_Cnt_lgc		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0		
tgt_GetSystemTime_mS_u32_CurrentTime	4077829376		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	540.500305	540.500305 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	47.8860626	47.8860626 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	9.40114307	9.40114307 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	56.9792366	56.9792366 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	50710	50710 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	41475	41475 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4077829376	4077829376	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4077829376	4077829376	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000432193279	0.000432189991 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	144.154984	144.154984 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	55.1080475	55.1080475 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	11.458559	11.458559 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	64.989418	64.989418 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	50710	50710 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	2236	2236 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4077829376	4077829376	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4077829376	4077829376	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.50339508e-006	2.51000006e-006 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	287.461334	287.461334 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	58.312088	58.312088 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.12687922	7.12687922 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	95.4522934	95.4522934 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	49661	49661 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	59445	59445 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4077829376	4077829376	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4077829376	4077829376	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000432193279	0.000432189991 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.397199988	0.397199988	~
VehDyn_SLPHwPos_HwDeg_M_f32	-16.8320007	-16.8320007	~

T				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.64 (Repeat Count = 1)	u de la companya de
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000739999989
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	87.8902435
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00899999961
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.10000001
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	80.0510254
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.94539928
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	124.186646
k_AutoCntrHiSpdTimer1_mS_u16	42690
k_AutoCntrHiSpdTimer2_mS_u16	2570
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	23.8170319
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	531.758972
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	6.92990065
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	245.5401
k_AutoCntrHiSpdTimer4_mS_u16	34733
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	99.4496155
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0250000004
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0458000004
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	289.349548
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	14.9216394
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	158.512024
k_AutoCntrLoSpdTimer1_mS_u16	33241
k_AutoCntrLoSpdTimer2_mS_u16	55884





Name	Input Value		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00899999961		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.403800011		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-40.8650017		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFAc	ctive_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1		
tgt_GetSystemTime_mS_u32_CurrentTime	2644937728		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	531.758972	531.758972 ± 0.2	-
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	245.5401	245.5401 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.92990065	6.92990065 ± 0.04	•
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	23.8170319	23.8170319 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	42690	42690 ± 2	-
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	34733	34733 ± 2	-
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2644937728	2644937728	-
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2644937728	2644937728	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575373997 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	80.0510254	80.0510254 ± 0.2	-
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	124.186646	124.186646 ± 0.5	•
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.94539928	8.94539928 ± 0.04	-
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	87.8902435	87.8902435 ± 0.0625	•
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	42690	42690 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	2570	2570 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2644937728	2644937728	-
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2644937728	2644937728	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584798 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	289.349548	289.349548 ± 0.2	-
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	158.512024	158.512024 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.9216394	14.9216394 ± 0.04	-
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	99.4496155	99.4496155 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	33241	33241 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	55884	55884 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2644937728	2644937728	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2644937728	2644937728	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575373997 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0	0	•
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	-

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Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.65 (Repeat Count = 1)	
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000760000024
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	24.5077915
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0049999989
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.000199999995
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	416.42218
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.68037319
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	168.185226
k_AutoCntrHiSpdTimer1_mS_u16	30272
k_AutoCntrHiSpdTimer2_mS_u16	2904
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	51.7886963
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	272.816681
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	13.0401011
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	209.062363
k_AutoCntrHiSpdTimer4_mS_u16	3628
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	59.735672
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.063000001
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00499999989
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	499.624054

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VehDyn_Init1

Name	Input Value
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	6.55805016
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	125.396591

k_AutoCntrLoSpdTimer1_mS_u16

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Input Value





Name	Input Value		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	53.7309608		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0320999995		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00899999961		
k AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	228.670547		
k AutoCntrLoSpdTimer1PinTrq HwNm f32	16.7742443		
k AutoCntrLoSpdTimer1VehSpd kph f32	174.289764		
k AutoCntrLoSpdTimer1 mS u16	11413		
k_AutoCntrLoSpdTimer2_mS_u16	48604		
k AutoCntrPinTrqLPFCoeffKn Hz f32	0.000199999995		
k SLPEnableBFCheck Cnt Igc	1		
k SLPHwAuthority Uls f32	0.416999996		
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	0		
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	-88.9309998		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFActiv	ve Cnt lac	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	re_em_ige	
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1		
tgt_GetSystemTime_mS_u32_CurrentTime	2059598336		
		Function Value	Daguit
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	108.829964	108.829964 ± 0.2	·
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	169.04245	169.04245 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	7.80758333	7.80758333 ± 0.04	•
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	75.1060562	75.1060562 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	23210	23210 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	7187	7187 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2059598336	2059598336	-
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2059598336	2059598336	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000403285027	0.000403298996 ± 1.25663627181805E-06	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	683.818359	683.818359 ± 0.2	•
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	34.4863586	34.4863586 ± 0.5	•
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0.0764636993	0.0764636993 ± 0.04	•
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	91.3826141	91.3826141 ± 0.0625	•
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	23210	23210 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3238	3238 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2059598336	2059598336	-
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2059598336	2059598336	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.53266907e-005	6.53000025e-005 ± 1.25663627181805E-06	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	-
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	228.670547	228.670547 ± 0.2	-
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	174.289764	174.289764 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.7742443	16.7742443 ± 0.04	-
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	53.7309608	53.7309608 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	11413	11413 ± 2	-
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	48604	48604 ± 2	•
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	2059598336	2059598336	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2059598336	2059598336	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000403285027	0.000403298996 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.50339508e-006	2.51000006e-006 ± 1.25663627181805E-06	
VehDyn SLPHwAuth Uls M f32	0	0	•
VenDyn_SEFTWAuti_Ois_W_i32			_

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Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.67 (Repeat Count = 1)		✓
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00079999998	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	77.5132141	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0350000001	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00899999961	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	39.0381813	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	5.52265358	
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	232.692337	
k_AutoCntrHiSpdTimer1_mS_u16	38590	
k_AutoCntrHiSpdTimer2_mS_u16	3572	
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	5.39439726	





Name	Input Value		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	400.168243		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	19.648386		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	17.4615631		
k_AutoCntrHiSpdTimer4_mS_u16	37023		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	62.1222305		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0850000009		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0250000004		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	443.858398		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	3.18688083		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	226.96962		
k_AutoCntrLoSpdTimer1_mS_u16	54120		
k_AutoCntrLoSpdTimer2_mS_u16	46193		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.100000001		
k_SLPEnableBFCheck_Cnt_lgc	0		
k_SLPHwAuthority_Uls_f32	0.423599988		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-112.963997		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFActive_	_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0		
tgt_GetSystemTime_mS_u32_CurrentTime	800969984		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	400.168243	400.168243 ± 0.2	-
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	17.4615631	17.4615631 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	19.648386	19.648386 ± 0.04	-
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	5.39439726	5.39439726 ± 0.0625	•
VehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	38590	38590 ± 2	
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	37023	37023 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	800969984	800969984	-
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	800969984	800969984	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00106757879	0.00106757099 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	39.0381813	39.0381813 ± 0.2	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	232.692337	232.692337 ± 0.5	•
VehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	5.52265358	5.52265358 ± 0.04	
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	77.5132141	77.5132141 ± 0.0625	•
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	38590	38590 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3572	3572 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	800969984	800969984	-
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	800969984	800969984	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000439703465	0.000439725991 ± 1.25663627181805E-06	_
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	443.858398	443.858398 ± 0.2	
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	226.96962	226.96962 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3.18688083	3.18688083 ± 0.04	-
VehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	62.1222305	62.1222305 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	54120	54120 ± 2	-
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	46193	46193 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	800969984	800969984	-
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	800969984	800969984	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00106757879	0.00106757099 ± 1.25663627181805E-06	
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	•
VehDyn PinTrqSV M str.K Uls f32	0.00125586987	0.00125584798 ± 1.25663627181805E-06	
VehDyn SLPHwAuth Uls M f32	0.423599988	0.423599988	-
VehDyn SLPHwPos HwDeg M f32	-112.963997	-112.963997	-
<u> </u>			

T T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.68 (Repeat Count = 1)		✓
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000820000016	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	7.04372168	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00600000005	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0250000004	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	55.3411407	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	6.96820259	





Name	Input Value		
k AutoCntrHiSpdTimer1VehSpd kph f32	102.746277		
k AutoCntrHiSpdTimer1 mS u16	6114		
k AutoCntrHiSpdTimer2 mS u16	3906		
k AutoCntrHiSpdTimer4CntrWindow HwDeg f32	55.9956245		
k AutoCntrHiSpdTimer4MtrVel MtrRadpS f32	84.2065811		
k AutoCntrHiSpdTimer4PinTrg HwNm f32	15.3837309		
k AutoCntrHiSpdTimer4VehSpd kph f32	119.126099		
k_AutoCntrHiSpdTimer4_mS_u16	32226		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	9.00450611		
k AutoCntrLoSpdFilt1Kn Hz f32	0.00300000003		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00700000022		
k AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	145.500351		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	12.452816		
k AutoCntrLoSpdTimer1VehSpd kph f32	94.8519287		
k_AutoCntrLoSpdTimer1_mS_u16	19115		
k AutoCntrLoSpdTimer2 mS u16	24462		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.000199999995		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.430200011		
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	0		
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	-136.996994		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target VehDyn Init1 FaultBFActive Cnt Igo		
target Rte Inst Ap VehDyn 2.Pim MotPosReset	target Pim MotPosReset	•	
	1		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	569984000		
tgt_GetSystemTime_mS_u32_CurrentTime		Fyrna eta d Value	Daguilé
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	84.2065811	84.2065811 ± 0.2	-4
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	119.126099	119.126099 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	15.3837309	15.3837309 ± 0.04	-
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	55.9956245	55.9956245 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	6114	6114 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	32226	32226 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	569984000	569984000	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	569984000	569984000	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.76701355e-005	3.76999997e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	8.79764557e-005	8.80000007e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	55.3411407	55.3411407 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	102.746277	102.746277 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	6.96820259	6.96820259 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	7.04372168	7.04372168 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	6114	6114 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3906	3906 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	569984000	569984000	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	569984000	569984000	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.53998756e-005	7.53999993e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	145.500351	145.500351 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	94.8519287	94.8519287 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.452816	12.452816 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	9.00450611	9.00450611 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	19115	19115 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	24462	24462 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	569984000	569984000	V
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	569984000	569984000	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.76701355e-005	3.76999997e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	8.79764557e-005	8.80000007e-005 ± 1.25663627181805E-06	
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.50339508e-006	2.51000006e-006 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	✓
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

T			✓	
Actual Function	Count	Expected Function	Count	Result
GetSvstemTime mS u32	1	GetSystemTime mS u32	1	_

Test Step 2.69 (Repeat Count = 1)		✓
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.51000006e-006	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	32.0222664	





Name	Input Value		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00499999989		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.063000001		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	575.91394		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.9376688		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	204.072876		
k_AutoCntrHiSpdTimer1_mS_u16	5222		
k_AutoCntrHiSpdTimer2_mS_u16	4240		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	93.8445969		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	312.352844		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	8.16609764		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	68		
k_AutoCntrHiSpdTimer4_mS_u16	31042		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	95.9834061		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00499999989		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00499999989		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	195.818787		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	7.82910013		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	29.3435669		
k_AutoCntrLoSpdTimer1_mS_u16	25532		
k_AutoCntrLoSpdTimer2_mS_u16	27401		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989		
k_SLPEnableBFCheck_Cnt_lgc	0		
k_SLPHwAuthority_Uls_f32	0.436800003		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-161.029999		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFActi	ve_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0		
tgt_GetSystemTime_mS_u32_CurrentTime	2242866176		
Name	Actual Value	Expected Value	Resul
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	312.352844	312.352844 ± 0.2	•
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	68	68 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.16609764	8.16609764 ± 0.04	•
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	93.8445969	93.8445969 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	5222	5222 ± 2	

tgt_GetGystein filme_inG_uG2_Gunent filme	2242000170		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	312.352844	312.352844 ± 0.2	-
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	68	68 ± 0.5	✓
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.16609764	8.16609764 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	93.8445969	93.8445969 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	5222	5222 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	31042	31042 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2242866176	2242866176	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2242866176	2242866176	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	575.91394	575.91394 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	204.072876	204.072876 ± 0.5	✓
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.9376688	8.9376688 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32.0222664	32.0222664 ± 0.0625	✓
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	5222	5222 ± 2	~
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	4240	4240 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2242866176	2242866176	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2242866176	2242866176	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	i 🗸
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	195.818787	195.818787 ± 0.2	•
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	29.3435669	29.3435669 ± 0.5	✓
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.82910013	7.82910013 ± 0.04	•
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	95.9834061	95.9834061 ± 0.0625	✓
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	25532	25532 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27401	27401 ± 2	✓
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2242866176	2242866176	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2242866176	2242866176	~
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	
VehDyn_SLPHwAuth_Uls_M_f32	0.436800003	0.436800003	~
VehDyn_SLPHwPos_HwDeg_M_f32	-161.029999	-161.029999	✓

Τ				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~



		✓
Input Value		
tgt_GetSystemTime_mS_u32_CurrentTime	e	
target_Rte_Inst_Ap_VehDyn_2		
0.00125584798		
7.2738266		
0.00899999961		
0.00200000009		
460.901886		
8.00629902		
92.026535		
16931		
4574		
51.3993683		
119.134666		
0		
103.723984		
51145		
65.2026672		
0.00899999961		
0.0250000004		
581.690918		
6.79465103		
236.401962		
46296		
9393		
0.00899999961		
1		
0.443399996		
0		
-185.063004		
target_VehDyn_Init1_FaultBFActive_Cnt_I	gc	
target_Pim_MotPosReset		
1		
2269150976		
Actual Value	Expected Value	Result
119.134666	119.134666 ± 0.2	•
103.723984	103.723984 ± 0.5	•
0	0 ± 0.04	•
51.3993683	51.3993683 ± 0.0625	•
16931	16931 ± 2	•
51145	51145 ± 2	•
2269150976	2269150976	•
2269150976	2269150976	•
		_
		•
		•
		•
		•
		•
16931	16931 ± 2	•
16931 4574	16931 ± 2 4574 ± 2	
4574	4574 ± 2	•
4574 2269150976	4574 ± 2 2269150976	•
4574 2269150976 2269150976	4574 ± 2 2269150976 2269150976	
4574 2269150976 2269150976 0.000113070011	4574 ± 2 2269150976 2269150976 0.000113091002 ± 1.25663627181805E-06	•
4574 2269150976 2269150976 0.000113070011 2.51531601e-005	4574 ± 2 2269150976 2269150976 0.000113091002 ± 1.25663627181805E-06 2.51000001e-005 ± 1.25663627181805E-06	0
4574 2269150976 2269150976 0.000113070011 2.51531601e-005 581.690918	4574 ± 2 2269150976 2269150976 0.000113091002 ± 1.25663627181805E-06 2.51000001e-005 ± 1.25663627181805E-06 581.690918 ± 0.2	0
4574 2269150976 2269150976 0.000113070011 2.51531601e-005 581.690918 236.401962	4574 ± 2 2269150976 2269150976 0.000113091002 ± 1.25663627181805E-06 2.51000001e-005 ± 1.25663627181805E-06 581.690918 ± 0.2 236.401962 ± 0.5	0
4574 2269150976 2269150976 0.000113070011 2.51531601e-005 581.690918 236.401962 6.79465103	4574 ± 2 2269150976 2269150976 0.000113091002 ± 1.25663627181805E-06 2.51000001e-005 ± 1.25663627181805E-06 581.690918 ± 0.2 236.401962 ± 0.5 6.79465103 ± 0.04	
4574 2269150976 2269150976 0.000113070011 2.51531601e-005 581.690918 236.401962 6.79465103 65.2026672	4574 ± 2 2269150976 2269150976 0.000113091002 ± 1.25663627181805E-06 2.51000001e-005 ± 1.25663627181805E-06 581.690918 ± 0.2 236.401962 ± 0.5 6.79465103 ± 0.04 65.2026672 ± 0.0625	0
4574 2269150976 2269150976 0.000113070011 2.51531601e-005 581.690918 236.401962 6.79465103 65.2026672 46296	4574 ± 2 2269150976 2269150976 0.000113091002 ± 1.25663627181805E-06 2.51000001e-005 ± 1.25663627181805E-06 581.690918 ± 0.2 236.401962 ± 0.5 6.79465103 ± 0.04 65.2026672 ± 0.0625 46296 ± 2	0
4574 2269150976 2269150976 0.000113070011 2.51531601e-005 581.690918 236.401962 6.79465103 65.2026672 46296 9393	4574 ± 2 2269150976 2269150976 0.000113091002 ± 1.25663627181805E-06 2.51000001e-005 ± 1.25663627181805E-06 581.690918 ± 0.2 236.401962 ± 0.5 6.79465103 ± 0.04 65.2026672 ± 0.0625 46296 ± 2 9393 ± 2	0
4574 2269150976 2269150976 0.000113070011 2.51531601e-005 581.690918 236.401962 6.79465103 65.2026672 46296 9393 2269150976	4574 ± 2 2269150976 2269150976 0.000113091002 ± 1.25663627181805E-06 2.51000001e-005 ± 1.25663627181805E-06 581.690918 ± 0.2 236.401962 ± 0.5 6.79465103 ± 0.04 65.2026672 ± 0.0625 46296 ± 2 9393 ± 2 2269150976	0
4574 2269150976 2269150976 0.000113070011 2.51531601e-005 581.690918 236.401962 6.79465103 65.2026672 46296 9393 2269150976 2269150976	4574 ± 2 2269150976 2269150976 0.000113091002 ± 1.25663627181805E-06 2.51000001e-005 ± 1.25663627181805E-06 581.690918 ± 0.2 236.401962 ± 0.5 6.79465103 ± 0.04 65.2026672 ± 0.0625 46296 ± 2 9393 ± 2 2269150976	
4574 2269150976 2269150976 0.000113070011 2.51531601e-005 581.690918 236.401962 6.79465103 65.2026672 46296 9393 2269150976 2269150976 0.000113070011	4574 ± 2 2269150976 2269150976 0.000113091002 ± 1.25663627181805E-06 2.51000001e-005 ± 1.25663627181805E-06 581.690918 ± 0.2 236.401962 ± 0.5 6.79465103 ± 0.04 65.2026672 ± 0.0625 46296 ± 2 9393 ± 2 2269150976 2269150976 0.000113091002 ± 1.25663627181805E-06	
4574 2269150976 2269150976 0.000113070011 2.51531601e-005 581.690918 236.401962 6.79465103 65.2026672 46296 9393 2269150976 2269150976 0.000113070011 0.000314116478	4574 ± 2 2269150976 2269150976 0.000113091002 ± 1.25663627181805E-06 2.51000001e-005 ± 1.25663627181805E-06 581.690918 ± 0.2 236.401962 ± 0.5 6.79465103 ± 0.04 65.2026672 ± 0.0625 46296 ± 2 9393 ± 2 2269150976 2269150976 0.000113091002 ± 1.25663627181805E-06 0.000314109988 ± 1.25663627181805E-06	
4574 2269150976 2269150976 0.000113070011 2.51531601e-005 581.690918 236.401962 6.79465103 65.2026672 46296 9393 2269150976 2269150976 0.000113070011	4574 ± 2 2269150976 2269150976 0.000113091002 ± 1.25663627181805E-06 2.51000001e-005 ± 1.25663627181805E-06 581.690918 ± 0.2 236.401962 ± 0.5 6.79465103 ± 0.04 65.2026672 ± 0.0625 46296 ± 2 9393 ± 2 2269150976 2269150976 0.000113091002 ± 1.25663627181805E-06	
	tgt_GetSystemTime_mS_u32_CurrentTim target_Rte_Inst_Ap_VehDyn_2 0.00125584798 7.2738266 0.00899999961 0.0020000009 460.901886 8.00629902 92.026535 16931 4574 51.3993683 119.134666 0 103.723984 51145 65.2026672 0.00899999961 0.0250000004 581.690918 6.79465103 236.401962 46296 9393 0.00899999961 1 0.443399996 0 -185.063004 target_VehDyn_Init1_FaultBFActive_Cnt_Itarget_Pim_MotPosReset 1 2269150976 Actual Value 119.134666 103.723984 0 51.3993683 16931 51145 2269150976 2269150976 0.000113070011 0.000314116478 460.901886 92.026535 8.00629902 7.2738266	tgr_GetSystemTime_mS_u32_CurrentTime target_Rie_Inst_Ap_VehDyn_2 0.00125584798 7.2738266 0.00899999961 0.00200000009 460.901886 8.00629902 92.026535 16931 4574 51.3993683 119.134666 0 103.723984 51145 65.2026672 0.00899999961 0.0250000004 581.690918 6.79465103 236.401962 46296 9393 0.00899999961 1 0.443399996 0 -185.063004 target_VehDyn_Init1_FaultBFActive_Cnt_Igc target_Pim_MotPosReset 1 2269150976 Actual Value 119.134666 11



Τ				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.71 (Repeat Count = 1) Name	Input Value		
	·	ntTimo	
GetSystemTime_mS_u32(CurrentTime) Rte Inst Ap VehDyn	tgt_GetSystemTime_mS_u32_Curre target Rte Inst Ap VehDyn 2	nti ine	
VehDyn PinTrqSV M str.K Uls f32	9.9999975e-006		
k AutoCntrHiSpdCntrWindow HwDeg f32	91.5981827		
k AutoCntrHiSpdFilt1Kn Hz f32	0.0250000004		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00499999989		
	160.17424		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32 k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	4.19048309		
k AutoCntrHiSpdTimer1VehSpd kph f32	28.4624329		
k AutoCntrHiSpdTimer1 mS u16	20459		
	4908		
k_AutoCntrHiSpdTimer2_mS_u16 k_AutoCntrHiSpdTimer4CntrWindow_HwDeq_f32	53.1939697		
k AutoCntrHiSpdTimer4MtrVel MtrRadpS f32	201.577209		
k AutoCntrHiSpdTimer4PinTrq HwNm f32	201.577209		
	194.557587		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	55301		
k_AutoCntrl+SpdTimer4_mS_u16	52.1249008		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32			
k_AutoCotrl oSpdFilt1Kn_Hz_f32	0.0250000004 0.063000001		
k_AutoCntrLoSpdFilt2Kn_Hz_f32 k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32			
	578.046082 16.1874886		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32			
k_AutoCotrl oSpdTimer1 wS_u16	158.773651		
k_AutoCotrl oSpdTimer1_mS_u16	21486 38584		
k_AutoCntrLoSpdTimer2_mS_u16	0.0250000004		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0250000004		
k_SLPEnableBFCheck_Cnt_lgc			
k_SLPHwAuthority_Uls_f32	0.449999988		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_Igc	1		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-209.095993	Cat Inc	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFActive_	_Cnt_igc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset 0		
target_VehDyn_Init1_FaultBFActive_Cnt_Igc.value tgt_GetSystemTime_mS_u32_CurrentTime	3533260288		
Name	Actual Value	Expected Value	Resu
	201.577209	201.577209 ± 0.2	Resu
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	194.557587	194.557587 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	20	20 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	53.1939697	53.1939697 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32			
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	20459	20459 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	55301	55301 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3533260288	3533260288	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3533260288	3533260288 0.000314109988 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478		
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32		0.000791368017 ± 1.25663627181805E-06	
· - · ·	0.000791370869		
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	160.17424	160.17424 ± 0.2	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	160.17424 28.4624329	160.17424 ± 0.2 28.4624329 ± 0.5	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	160.17424 28.4624329 4.19048309	160.17424 ± 0.2 28.4624329 ± 0.5 4.19048309 ± 0.04	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	160.17424 28.4624329 4.19048309 91.5981827	160.17424 ± 0.2 28.4624329 ± 0.5 4.19048309 ± 0.04 91.5981827 ± 0.0625	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	160.17424 28.4624329 4.19048309 91.5981827 20459	160.17424 ± 0.2 28.4624329 ± 0.5 4.19048309 ± 0.04 91.5981827 ± 0.0625 20459 ± 2	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	160.17424 28.4624329 4.19048309 91.5981827 20459 4908	160.17424 ± 0.2 28.4624329 ± 0.5 4.19048309 ± 0.04 91.5981827 ± 0.0625 20459 ± 2 4908 ± 2	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	160.17424 28.4624329 4.19048309 91.5981827 20459 4908 3533260288	160.17424 ± 0.2 28.4624329 ± 0.5 4.19048309 ± 0.04 91.5981827 ± 0.0625 20459 ± 2 4908 ± 2 3533260288	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	160.17424 28.4624329 4.19048309 91.5981827 20459 4908 3533260288 3533260288	160.17424 ± 0.2 28.4624329 ± 0.5 4.19048309 ± 0.04 91.5981827 ± 0.0625 20459 ± 2 4908 ± 2 3533260288 3533260288	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K_Uls_f32	160.17424 28.4624329 4.19048309 91.5981827 20459 4908 3533260288 3533260288 0.000314116478	160.17424 ± 0.2 28.4624329 ± 0.5 4.19048309 ± 0.04 91.5981827 ± 0.0625 20459 ± 2 4908 ± 2 3533260288 3533260288 0.000314109988 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	160.17424 28.4624329 4.19048309 91.5981827 20459 4908 3533260288 3533260288 0.000314116478 6.28232956e-005	160.17424 ± 0.2 28.4624329 ± 0.5 4.19048309 ± 0.04 91.5981827 ± 0.0625 20459 ± 2 4908 ± 2 3533260288 3533260288 0.000314109988 ± 1.25663627181805E-06 6.2799998e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	160.17424 28.4624329 4.19048309 91.5981827 20459 4908 3533260288 3533260288 0.000314116478 6.28232956e-005 578.046082	160.17424 ± 0.2 28.4624329 ± 0.5 4.19048309 ± 0.04 91.5981827 ± 0.0625 20459 ± 2 4908 ± 2 3533260288 3533260288 0.000314109988 ± 1.25663627181805E-06 6.2799998e-005 ± 1.25663627181805E-06 578.046082 ± 0.2	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	160.17424 28.4624329 4.19048309 91.5981827 20459 4908 3533260288 3533260288 0.000314116478 6.28232956e-005 578.046082 158.773651	160.17424 ± 0.2 28.4624329 ± 0.5 4.19048309 ± 0.04 91.5981827 ± 0.0625 20459 ± 2 4908 ± 2 3533260288 3533260288 0.000314109988 ± 1.25663627181805E-06 6.2799998e-005 ± 1.25663627181805E-06 578.046082 ± 0.2 158.773651 ± 0.5	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Wtvle_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	160.17424 28.4624329 4.19048309 91.5981827 20459 4908 3533260288 3533260288 0.000314116478 6.28232956e-005 578.046082 158.773651 16.1874886	160.17424 ± 0.2 28.4624329 ± 0.5 4.19048309 ± 0.04 91.5981827 ± 0.0625 20459 ± 2 4908 ± 2 3533260288 3533260288 0.000314109988 ± 1.25663627181805E-06 6.2799998e-005 ± 1.25663627181805E-06 578.046082 ± 0.2 158.773651 ± 0.5 16.1874886 ± 0.04	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	160.17424 28.4624329 4.19048309 91.5981827 20459 4908 3533260288 3533260288 0.000314116478 6.28232956e-005 578.046082 158.773651 16.1874886 52.1249008	160.17424 ± 0.2 28.4624329 ± 0.5 4.19048309 ± 0.04 91.5981827 ± 0.0625 20459 ± 2 4908 ± 2 3533260288 0.000314109988 ± 1.25663627181805E-06 6.2799998e-005 ± 1.25663627181805E-06 578.046082 ± 0.2 158.773651 ± 0.5 16.1874886 ± 0.04 52.1249008 ± 0.0625	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	160.17424 28.4624329 4.19048309 91.5981827 20459 4908 3533260288 3533260288 0.000314116478 6.28232956e-005 578.046082 158.773651 16.1874886 52.1249008 21486	160.17424 ± 0.2 28.4624329 ± 0.5 4.19048309 ± 0.04 91.5981827 ± 0.0625 20459 ± 2 4908 ± 2 3533260288 0.000314109988 ± 1.25663627181805E-06 6.2799998e-005 ± 1.25663627181805E-06 578.046082 ± 0.2 158.773651 ± 0.5 16.1874886 ± 0.04 52.1249008 ± 0.0625 21486 ± 2	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	160.17424 28.4624329 4.19048309 91.5981827 20459 4908 3533260288 3533260288 0.000314116478 6.28232956e-005 578.046082 158.773651 16.1874886 52.1249008 21486 38584	160.17424 ± 0.2 28.4624329 ± 0.5 4.19048309 ± 0.04 91.5981827 ± 0.0625 20459 ± 2 4908 ± 2 3533260288 0.000314109988 ± 1.25663627181805E-06 6.2799998e-005 ± 1.25663627181805E-06 578.046082 ± 0.2 158.773651 ± 0.5 16.1874886 ± 0.04 52.1249008 ± 0.0625 21486 ± 2 38584 ± 2	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	160.17424 28.4624329 4.19048309 91.5981827 20459 4908 3533260288 3533260288 0.000314116478 6.28232956e-005 578.046082 158.773651 16.1874886 52.1249008 21486 38584 3533260288	160.17424 ± 0.2 28.4624329 ± 0.5 4.19048309 ± 0.04 91.5981827 ± 0.0625 20459 ± 2 4908 ± 2 3533260288 0.000314109988 ± 1.25663627181805E-06 6.2799998e-005 ± 1.25663627181805E-06 578.046082 ± 0.2 158.773651 ± 0.5 16.1874886 ± 0.04 52.1249008 ± 0.0625 21486 ± 2 38584 ± 2 3533260288	
VehDyn_AutoCntrHiSpd_M_str.NtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.NtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	160.17424 28.4624329 4.19048309 91.5981827 20459 4908 3533260288 3533260288 0.000314116478 6.28232956e-005 578.046082 158.773651 16.1874886 52.1249008 21486 38584 3533260288 3533260288	160.17424 ± 0.2 28.4624329 ± 0.5 4.19048309 ± 0.04 91.5981827 ± 0.0625 20459 ± 2 4908 ± 2 3533260288 0.000314109988 ± 1.25663627181805E-06 6.2799998e-005 ± 1.25663627181805E-06 578.046082 ± 0.2 158.773651 ± 0.5 16.1874886 ± 0.04 52.1249008 ± 0.0625 21486 ± 2 38584 ± 2 3533260288 3533260288	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiitPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.WtVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	160.17424 28.4624329 4.19048309 91.5981827 20459 4908 3533260288 3533260288 0.000314116478 6.28232956e-005 578.046082 158.773651 16.1874886 52.1249008 21486 38584 3533260288	160.17424 ± 0.2 28.4624329 ± 0.5 4.19048309 ± 0.04 91.5981827 ± 0.0625 20459 ± 2 4908 ± 2 3533260288 0.000314109988 ± 1.25663627181805E-06 6.2799998e-005 ± 1.25663627181805E-06 578.046082 ± 0.2 158.773651 ± 0.5 16.1874886 ± 0.04 52.1249008 ± 0.0625 21486 ± 2 38584 ± 2 3533260288	

Actual Function

GetSystemTime_mS_u32





Count Result

1

Expected Value

VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.44999988	0.449999988	~
VehDyn_SLPHwPos_HwDeg_M_f32	-209.095993	-209.095993	~
7			

Count Expected Function

GetSystemTime_mS_u32

1

Actual Value

Test Step 2.72 (Repeat Count = 1)			~
Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Cu	rrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000639999984		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	58.6891289		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0250000004		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0250000004		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	57.2952843		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	2.56739569		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	11.313797		
k_AutoCntrHiSpdTimer1_mS_u16	20825		
k_AutoCntrHiSpdTimer2_mS_u16	12456		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	91.4300919		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	459.889984		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	18.1788235		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	195.647476		
k_AutoCntrHiSpdTimer4_mS_u16	47347		
k AutoCntrLoSpdCntrWindow HwDeg f32	45.5890503		
k AutoCntrLoSpdFilt1Kn Hz f32	0.0250000004		
k AutoCntrLoSpdFilt2Kn Hz f32	0.0670000017		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	195.074249		
k AutoCntrLoSpdTimer1PinTrg HwNm f32	15.5773945		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	208.55397		
k_AutoCntrLoSpdTimer1_mS_u16	19617		
k AutoCntrLoSpdTimer2 mS u16	42138		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0250000004		
k SLPEnableBFCheck Cnt Igc	1		
k_SLPHwAuthority_Uls_f32	0.45660001		
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	0		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-233.128998		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFActiv	ve Cnt lac	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	10_0.1L_ig0	
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0		
tgt_GetSystemTime_mS_u32_CurrentTime	0		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	459.889984	459.889984 ± 0.2	result
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	195.647476	195.647476 ± 0.5	-
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.1788235	18.1788235 ± 0.04	
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	91.4300919	91.4300919 ± 0.0625	-
	20825	20825 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	47347	47347 ± 2	-
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	0	0	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0	0	-
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32		0.000314109988 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478		-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000841617584	0.000841591973 ± 1.25663627181805E-06	-
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	57.2952843	57.2952843 ± 0.2	· ·
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	11.313797	11.313797 ± 0.5	_
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2.56739569	2.56739569 ± 0.04	
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	58.6891289	58.6891289 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20825	20825 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	12456	12456 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0	0	V
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0	0	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	195.074249	195.074249 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	208.55397	208.55397 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	15.5773945	15.5773945 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	45.5890503	45.5890503 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	19617	19617 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	42138	42138 ± 2	~

Test Step 2.73 (Repeat Count = 1)





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0	0	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0	0	✓
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000841617584	0.000841591973 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0	0	✓
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	•

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•

Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_C	currentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00066000002		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	39.9920425		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00019999995		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0350000001		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	595.803711		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	20		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	249.256897		
k_AutoCntrHiSpdTimer1_mS_u16	51762		
k_AutoCntrHiSpdTimer2_mS_u16	1234		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	52.9036674		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	637.189331		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	4.48333788		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	60.9433594		
k_AutoCntrHiSpdTimer4_mS_u16	35091		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	70.5879364		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.063000001		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00600000005		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	112.469505		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	9.19094181		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	138.473877		
k_AutoCntrLoSpdTimer1_mS_u16	45601		
k AutoCntrLoSpdTimer2 mS u16	16090		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0250000004		
k SLPEnableBFCheck Cnt lgc	0		
k_SLPHwAuthority_UIs_f32	0.463200003		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-257.161987		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFAc	tive_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0		
tgt_GetSystemTime_mS_u32_CurrentTime	4294967295		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	637.189331	637.189331 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	60.9433594	60.9433594 ± 0.5	-
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.48333788	4.48333788 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52.9036674	52.9036674 ± 0.0625	-
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	51762	51762 ± 2	_
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	35091	35091 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4294967295	4294967295	_
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4294967295	4294967295	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	7.53998756e-005	7.53999993e-005 ± 1.25663627181805E-06	•
VehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	595.803711	595.803711 ± 0.2	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	249.256897	249.256897 ± 0.5	
VehDyn AutoCntrHiSpd M str.FiltPinTrq HwNm f32	20	20 ± 0.04	_
VehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	39.9920425	39.9920425 ± 0.0625	
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	51762	51762 ± 2	
VehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	1234	1234 ± 2	•
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	4294967295	4294967295	
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	4294967295	4294967295	
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	2.50339508e-006	2.51000006e-006 ± 1.25663627181805E-06	
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000439703465	0.000439725991 ± 1.25663627181805E-06	
VehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	112.469505	112.469505 ± 0.2	
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	138.473877	138.473877 ± 0.5	
	.00	100.1100.1 = 0.0	

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	9.19094181	9.19094181 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	70.5879364	70.5879364 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	45601	45601 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	16090	16090 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4294967295	4294967295	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4294967295	4294967295	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	7.53998756e-005	7.53999993e-005 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.463200003	0.463200003	~
VehDyn_SLPHwPos_HwDeg_M_f32	-257.161987	-257.161987	~

T				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•

Test Step 2.74 (Repeat Count = 1)			✓
Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	9	
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn 2		
VehDyn PinTrgSV M str.K Uls f32	0.000679999997		
k AutoCntrHiSpdCntrWindow HwDeg f32	40.3496017		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.100000001		
k AutoCntrHiSpdFilt2Kn Hz f32	0.0560000017		
k AutoCntrHiSpdTimer1MtrVel MtrRadpS f32	31.3933392		
k AutoCntrHiSpdTimer1PinTrg HwNm f32	16.8332462		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	3.91197205		
k_AutoCntrHiSpdTimer1_mS_u16	49799		
k_AutoCntrHiSpdTimer2_mS_u16	1568		
k AutoCntrHiSpdTimer4CntrWindow HwDeg f32	46.9611549		
k AutoCntrHiSpdTimer4MtrVel MtrRadpS f32	190.477554		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	6.47036648		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	178.790085		
k AutoCntrHiSpdTimer4 mS u16	53632		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	50.4249611		
k AutoCntrLoSpdFilt1Kn Hz f32	0.061999999		
k AutoCntrLoSpdFilt2Kn Hz f32	0.00779999979		
k AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	114.137932		
k AutoCntrLoSpdTimer1PinTrg HwNm f32	1.6375922		
k AutoCntrLoSpdTimer1VehSpd kph f32	109.448532		
k_AutoCntrLoSpdTimer1_mS_u16	37638		
k AutoCntrLoSpdTimer2 mS u16	34521		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989		
k SLPEnableBFCheck Cnt Igc	1		
k_SLPHwAuthority_Uls_f32	0.469799995		
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	0		
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	-281.195007		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFActive_Cnt_I	90	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	go	
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1		
tgt_GetSystemTime_mS_u32_CurrentTime	1720406272		
		Form a stand Walter	D
Name	Actual Value	Expected Value	Resul
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	190.477554	190.477554 ± 0.2	•
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	178.790085	178.790085 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.47036648	6.47036648 ± 0.04	•
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	46.9611549	46.9611549 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	49799	49799 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	53632	53632 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1720406272	1720406272	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1720406272	1720406272	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000778794289	0.000778811984 ± 1.25663627181805E-06	,
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	9.7990036e-005	9.79999968e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	31.3933392	31.3933392 ± 0.2	•
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	3.91197205	3.91197205 ± 0.5	•
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.8332462	16.8332462 ± 0.04	
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	40.3496017	40.3496017 ± 0.0625	•
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	49799	49799 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	1568	1568 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1720406272	1720406272	✓

1720406272

1720406272





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584798 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000703454018	0.000703468977 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	114.137932	114.137932 ± 0.2	•
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	109.448532	109.448532 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	1.6375922	1.6375922 ± 0.04	•
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	50.4249611	50.4249611 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	37638	37638 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	34521	34521 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1720406272	1720406272	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1720406272	1720406272	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000778794289	0.000778811984 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	9.7990036e-005	9.79999968e-005 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

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Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Name	Input Value		
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 CurrentT	ime	
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn 2		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000730000029		
k AutoCntrHiSpdCntrWindow HwDeg f32	99.1655273		
k AutoCntrHiSpdFilt1Kn Hz f32	0.00499999989		
k AutoCntrHiSpdFilt2Kn Hz f32	0.0250000004		
k AutoCntrHiSpdTimer1MtrVel MtrRadpS f32	279.967194		
k AutoCntrHiSpdTimer1PinTrq HwNm f32	13.9828386		
k AutoCntrHiSpdTimer1VehSpd kph f32	86.4936218		
k AutoCntrHiSpdTimer1 mS u16	49400		
k AutoCntrHiSpdTimer2 mS u16	1902		
k AutoCntrHiSpdTimer4CntrWindow HwDeg f32	19.041563		
k AutoCntrHiSpdTimer4MtrVel MtrRadpS f32	179.741653		
k AutoCntrHiSpdTimer4PinTrq HwNm f32	0.99505949		
k AutoCntrHiSpdTimer4VehSpd kph f32	156.046783		
k_AutoCntrHiSpdTimer4_mS_u16	48941		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	41.1003494		
k AutoCntrLoSpdFilt1Kn Hz f32	0.0049999989		
k AutoCntrLoSpdFilt2Kn Hz f32	0.00899999961		
k AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	453.257568		
k AutoCntrLoSpdTimer1PinTrg HwNm f32	8.62326527		
k AutoCntrLoSpdTimer1VehSpd kph f32	130.321442		
k AutoCntrLoSpdTimer1 mS u16	57817		
k AutoCntrLoSpdTimer2 mS u16	34611		
k AutoCntrPinTrgLPFCoeffKn Hz f32	0.00499999989		
k SLPEnableBFCheck Cnt lgc	0		
k SLPHwAuthority Uls f32	0.476399988		
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	1		
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	-305.227997		
target Rte Inst Ap VehDyn 2.VehDyn Init1 FaultBFActive Cnt Igc	target VehDyn Init1 FaultBFActive Cr	at lac	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset	ıı_ıgc	
target VehDyn Init1 FaultBFActive Cnt Igc.value	0		
tgt GetSystemTime mS u32 CurrentTime	3494315776		
Name	Actual Value	Expected Value	Resul
	179.741653		Resul
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32		179.741653 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	156.046783	156.046783 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	0.99505949	0.99505949 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	19.041563	19.041563 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	49400	49400 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	48941	48941 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3494315776	3494315776	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3494315776	3494315776	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	279.967194	279.967194 ± 0.2	•
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	86.4936218	86.4936218 ± 0.5	•
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	13.9828386	13.9828386 ± 0.04	· •

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	49400	49400 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	1902	1902 ± 2	✓
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3494315776	3494315776	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3494315776	3494315776	✓
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	✓
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	453.257568	453.257568 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	130.321442	130.321442 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.62326527	8.62326527 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	41.1003494	41.1003494 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	57817	57817 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	34611	34611 ± 2	✓
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3494315776	3494315776	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3494315776	3494315776	✓
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	✓
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0.476399988	0.476399988	~
VehDyn_SLPHwPos_HwDeg_M_f32	-305.227997	-305.227997	~

Τ				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.76 (Repeat Count = 1)			
Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Currer	ntTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000769999984		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	64.989418		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00520000001		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.063000001		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	144.154984		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	11.458559		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	55.1080475		
k_AutoCntrHiSpdTimer1_mS_u16	50710		
k_AutoCntrHiSpdTimer2_mS_u16	2236		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	56.9792366		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	540.500305		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	9.40114307		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	47.8860626		
k_AutoCntrHiSpdTimer4_mS_u16	41475		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	95.4522934		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00899999961		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0344000012		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	287.461334		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	7.12687922		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	58.312088		
k_AutoCntrLoSpdTimer1_mS_u16	49661		
k_AutoCntrLoSpdTimer2_mS_u16	59445		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00520000001		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.48300001		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-329.260986		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFActive_	Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1		
tgt_GetSystemTime_mS_u32_CurrentTime	463842816		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	540.500305	540.500305 ± 0.2	-
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	47.8860626	47.8860626 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	9.40114307	9.40114307 ± 0.04	-
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	56.9792366	56.9792366 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	50710	50710 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	41475	41475 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	463842816	463842816	•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	463842816	463842816	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	•

0.000432193279

 $VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32$

0.000432189991 ± 1.25663627181805E-06





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	144.154984	144.154984 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	55.1080475	55.1080475 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	11.458559	11.458559 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	64.989418	64.989418 ± 0.0625	✓
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	50710	50710 ± 2	✓
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	2236	2236 ± 2	✓
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	463842816	463842816	-
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	463842816	463842816	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.53266907e-005	6.53000025e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	287.461334	287.461334 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	58.312088	58.312088 ± 0.5	✓
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.12687922	7.12687922 ± 0.04	✓
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	95.4522934	95.4522934 ± 0.0625	✓
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	49661	49661 ± 2	✓
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	59445	59445 ± 2	✓
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	463842816	463842816	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	463842816	463842816	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000432193279	0.000432189991 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.53266907e-005	6.53000025e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	✓
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Τ				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.77 (Repeat Count = 1)			
Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Cu	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00080999998		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	87.8902435		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0759999976		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00200000009		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	80.0510254		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.94539928		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	124.186646		
k_AutoCntrHiSpdTimer1_mS_u16	42690		
k_AutoCntrHiSpdTimer2_mS_u16	2570		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	23.8170319		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	531.758972		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	6.92990065		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	245.5401		
k_AutoCntrHiSpdTimer4_mS_u16	34733		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	99.4496155		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0250000004		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0458000004		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	289.349548		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	14.9216394		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	158.512024		
k_AutoCntrLoSpdTimer1_mS_u16	33241		
k_AutoCntrLoSpdTimer2_mS_u16	55884		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0759999976		
k_SLPEnableBFCheck_Cnt_lgc	0		
k_SLPHwAuthority_Uls_f32	0.489600003		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-353.294006		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFActi	ve_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0		
tgt_GetSystemTime_mS_u32_CurrentTime	1759885568		
Name	Actual Value	Expected Value	Resul
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	531.758972	531.758972 ± 0.2	,
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	245.5401	245.5401 ± 0.5	
VehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	6.92990065	6.92990065 ± 0.04	
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	23.8170319	23.8170319 ± 0.0625	
VehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	42690	42690 ± 2	
	.2000	72000 ± 2	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1759885568	1759885568	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1759885568	1759885568	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575373997 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	80.0510254	80.0510254 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	124.186646	124.186646 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.94539928	8.94539928 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	87.8902435	87.8902435 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	42690	42690 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	2570	2570 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1759885568	1759885568	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1759885568	1759885568	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000954568386	0.000954588002 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	289.349548	289.349548 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	158.512024	158.512024 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.9216394	14.9216394 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	99.4496155	99.4496155 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	33241	33241 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	55884	55884 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1759885568	1759885568	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1759885568	1759885568	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575373997 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000954568386	0.000954588002 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

T					V
Actual Function	Count	Expected Function	Count	Res	ult
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1		~

Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32	_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_	2	
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000850000011		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	24.5077915		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0225000009		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00499999989		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	416.42218		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.68037319		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	168.185226		
k_AutoCntrHiSpdTimer1_mS_u16	30272		
k_AutoCntrHiSpdTimer2_mS_u16	2904		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	51.7886963		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	272.816681		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	13.0401011		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	209.062363		
k_AutoCntrHiSpdTimer4_mS_u16	3628		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	59.735672		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.063000001		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00499999989		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	499.624054		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	6.55805016		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	125.396591		
k_AutoCntrLoSpdTimer1_mS_u16	36412		
k_AutoCntrLoSpdTimer2_mS_u16	14998		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.0225000009		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.496199995		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-377.326996		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBF	Active_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1		
tgt_GetSystemTime_mS_u32_CurrentTime	1662097408		
Name	Actual Value	Expected Value	Resul
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	272.816681	272.816681 ± 0.2	
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	209.062363	209.062363 ± 0.5	





Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	13.0401011	13.0401011 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	51.7886963	51.7886963 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	30272	30272 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3628	3628 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1662097408	1662097408	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1662097408	1662097408	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	416.42218	416.42218 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	168.185226	168.185226 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.68037319	8.68037319 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	24.5077915	24.5077915 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	30272	30272 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	2904	2904 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1662097408	1662097408	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1662097408	1662097408	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00028270483	0.000282702997 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	499.624054	499.624054 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	125.396591	125.396591 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.55805016	6.55805016 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	59.735672	59.735672 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	36412	36412 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14998	14998 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1662097408	1662097408	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1662097408	1662097408	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00028270483	0.000282702997 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

T				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.79 (Repeat Count = 1)	
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000890000025
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	91.3826141
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.063000001
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0491000004
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	683.818359
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	0.0764636993
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	34.4863586
k_AutoCntrHiSpdTimer1_mS_u16	23210
k_AutoCntrHiSpdTimer2_mS_u16	3238
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	75.1060562
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	108.829964
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	7.80758333
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	169.04245
k_AutoCntrHiSpdTimer4_mS_u16	7187
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	53.7309608
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0320999995
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00899999961
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	228.670547
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	16.7742443
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	174.289764
k_AutoCntrLoSpdTimer1_mS_u16	11413
k_AutoCntrLoSpdTimer2_mS_u16	48604
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.063000001
k_SLPEnableBFCheck_Cnt_lgc	0
k_SLPHwAuthority_Uls_f32	0.502799988
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-401.359985
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFActive_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1





Name	Input Value		
tgt_GetSystemTime_mS_u32_CurrentTime	2127166208		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	108.829964	108.829964 ± 0.2	-
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	169.04245	169.04245 ± 0.5	-
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	7.80758333	7.80758333 ± 0.04	-
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	75.1060562	75.1060562 ± 0.0625	-
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	23210	23210 ± 2	-
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	7187	7187 ± 2	-
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2127166208	2127166208	-
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2127166208	2127166208	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000403285027	0.000403298996 ± 1.25663627181805E-06	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	✓
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	683.818359	683.818359 ± 0.2	-
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	34.4863586	34.4863586 ± 0.5	-
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0.0764636993	0.0764636993 ± 0.04	-
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	91.3826141	91.3826141 ± 0.0625	-
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	23210	23210 ± 2	-
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3238	3238 ± 2	-
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2127166208	2127166208	-
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2127166208	2127166208	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	✓
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000616788864	0.000616818026 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	228.670547	228.670547 ± 0.2	-
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	174.289764	174.289764 ± 0.5	-
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.7742443	16.7742443 ± 0.04	-
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	53.7309608	53.7309608 ± 0.0625	-
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	11413	11413 ± 2	-
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	48604	48604 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2127166208	2127166208	-
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2127166208	2127166208	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000403285027	0.000403298996 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	-
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	-
VehDyn_SLPHwAuth_Uls_M_f32	0.502799988	0.502799988	~
VehDyn_SLPHwPos_HwDeg_M_f32	-401.359985	-401.359985	-

Τ				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Name	Input Value
	•
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00092999998
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	77.5132141
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00200000009
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00899999961
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	39.0381813
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	5.52265358
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	232.692337
k_AutoCntrHiSpdTimer1_mS_u16	38590
k_AutoCntrHiSpdTimer2_mS_u16	3572
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	5.39439726
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	400.168243
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	19.648386
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	17.4615631
k_AutoCntrHiSpdTimer4_mS_u16	37023
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	62.1222305
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0850000009
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0250000004
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	443.858398
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	3.18688083
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	226.96962
k_AutoCntrLoSpdTimer1_mS_u16	54120
k_AutoCntrLoSpdTimer2_mS_u16	46193
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00200000009
k SLPEnableBFCheck Cnt Igc	1
k_SLPHwAuthority_Uls_f32	0.50940001
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	1





Name	Input Value		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-425.393005		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFActive	_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_Igc.value	1		
tgt_GetSystemTime_mS_u32_CurrentTime	4243378688		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	400.168243	400.168243 ± 0.2	•
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	17.4615631	17.4615631 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	19.648386	19.648386 ± 0.04	•
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	5.39439726	5.39439726 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	38590	38590 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	37023	37023 ± 2	-
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4243378688	4243378688	-
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4243378688	4243378688	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00106757879	0.00106757099 ± 1.25663627181805E-06	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	39.0381813	39.0381813 ± 0.2	•
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	232.692337	232.692337 ± 0.5	•
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.52265358	5.52265358 ± 0.04	-
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	77.5132141	77.5132141 ± 0.0625	•
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	38590	38590 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3572	3572 ± 2	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4243378688	4243378688	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4243378688	4243378688	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	443.858398	443.858398 ± 0.2	
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	226.96962	226.96962 ± 0.5	
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3.18688083	3.18688083 ± 0.04	•
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	62.1222305	62.1222305 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	54120	54120 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	46193	46193 ± 2	-
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4243378688	4243378688	-
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4243378688	4243378688	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00106757879	0.00106757099 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	•
VehDyn_SLPHwAuth_Uls_M_f32	0	0	•
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	

T				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.81 (Repeat Count = 1)	🗸
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000159999996
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	64.989418
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.063000001
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00520000001
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	144.154984
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	11.458559
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	55.1080475
k_AutoCntrHiSpdTimer1_mS_u16	50710
k_AutoCntrHiSpdTimer2_mS_u16	2236
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	56.9792366
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	540.500305
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	9.40114307
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	47.8860626
k_AutoCntrHiSpdTimer4_mS_u16	41475
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	95.4522934
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00899999961
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0344000012
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	287.461334
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	7.12687922
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	58.312088
k_AutoCntrLoSpdTimer1_mS_u16	49661
k_AutoCntrLoSpdTimer2_mS_u16	59445





Name	Input Value		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.063000001		
k_SLPEnableBFCheck_Cnt_lgc	0		
k_SLPHwAuthority_Uls_f32	0		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-641.690002		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFAc	ctive_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0		
tgt_GetSystemTime_mS_u32_CurrentTime	4164171008		
Name	Actual Value	Expected Value	Result
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	540.500305	540.500305 ± 0.2	~
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	47.8860626	47.8860626 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	9.40114307	9.40114307 ± 0.04	~
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	56.9792366	56.9792366 ± 0.0625	~
VehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	50710	50710 ± 2	-
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	41475	41475 ± 2	~
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	4164171008	4164171008	~
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	4164171008	4164171008	✓
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	~
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000432193279	0.000432189991 ± 1.25663627181805E-06	•
VehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	144.154984	144.154984 ± 0.2	-
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	55.1080475	55.1080475 ± 0.5	~
VehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	11.458559	11.458559 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	64.989418	64.989418 ± 0.0625	~
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	50710	50710 ± 2	-
VehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	2236	2236 ± 2	~
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	4164171008	4164171008	-
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4164171008	4164171008	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.53266907e-005	6.53000025e-005 ± 1.25663627181805E-06	•
VehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	287.461334	287.461334 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	58.312088	58.312088 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.12687922	7.12687922 ± 0.04	-
VehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	95.4522934	95.4522934 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	49661	49661 ± 2	-
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	59445	59445 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4164171008	4164171008	-
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4164171008	4164171008	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	-
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000432193279	0.000432189991 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	-
VehDyn_SLPHwAuth_Uls_M_f32	0	0	•
VehDyn SLPHwPos HwDeg M f32	-641.690002	-641.690002	-

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.82 (Repeat Count = 1)	✓
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000180000003
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	87.8902435
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00499999989
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00980000012
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	80.0510254
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.94539928
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	124.186646
k_AutoCntrHiSpdTimer1_mS_u16	42690
k_AutoCntrHiSpdTimer2_mS_u16	2570
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	23.8170319
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	531.758972
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	6.92990065
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	245.5401
k_AutoCntrHiSpdTimer4_mS_u16	34733
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	99.4496155
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0250000004
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0458000004
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	289.349548





Name	Input Value		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	14.9216394		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	158.512024		
k_AutoCntrLoSpdTimer1_mS_u16	33241		
k_AutoCntrLoSpdTimer2_mS_u16	55884		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_UIs_f32	1		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-665.723022		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFActi	ve_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1		
tgt_GetSystemTime_mS_u32_CurrentTime	437658624		
Name	Actual Value	Expected Value	Result
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	531.758972	531.758972 ± 0.2	~
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	245.5401	245.5401 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.92990065	6.92990065 ± 0.04	-
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	23.8170319	23.8170319 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	42690	42690 ± 2	-
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	34733	34733 ± 2	~
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	437658624	437658624	-
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	437658624	437658624	~
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	~
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000575363636	0.000575373997 ± 1.25663627181805E-06	~
VehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	80.0510254	80.0510254 ± 0.2	~
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	124.186646	124.186646 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.94539928	8.94539928 ± 0.04	~
VehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	87.8902435	87.8902435 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	42690	42690 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	2570	2570 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	437658624	437658624	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	437658624	437658624	~
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000123143196	0.000123143007 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	289.349548	289.349548 ± 0.2	~
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	158.512024	158.512024 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.9216394	14.9216394 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	99.4496155	99.4496155 ± 0.0625	~
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	33241	33241 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	55884	55884 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	437658624	437658624	~
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	437658624	437658624	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575373997 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

T				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.83 (Repeat Count = 1)	v v v v v v v v v v v v v v v v v v v
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000199999995
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	24.5077915
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0250000004
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00989999995
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	416.42218
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.68037319
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	168.185226
k_AutoCntrHiSpdTimer1_mS_u16	30272
k_AutoCntrHiSpdTimer2_mS_u16	2904
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	51.7886963
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	272.816681
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	13.0401011
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	209.062363
k_AutoCntrHiSpdTimer4_mS_u16	3628

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VehDyn_Init1

Name	Input Value	
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	59.735672	
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.063000001	
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0049999989	
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	499.624054	
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	6.55805016	
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	125.396591	
k_AutoCntrLoSpdTimer1_mS_u16		LoSpdFilt2Kn_Hz_f32





Name	Input Value		
k_AutoCntrHiSpdTimer4MtrVeI_MtrRadpS_f32	108.829964		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	7.80758333		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	169.04245		
k_AutoCntrHiSpdTimer4_mS_u16	7187		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	53.7309608		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0320999995		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00899999961		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	228.670547		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	16.7742443		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	174.289764		
k_AutoCntrLoSpdTimer1_mS_u16	11413		
k_AutoCntrLoSpdTimer2_mS_u16	48604		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.063000001		
k SLPEnableBFCheck Cnt lgc	1		
k_SLPHwAuthority_UIs_f32	0.58859998		
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	1		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-1600		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFActive_Cnt_Igo	;	
target Rte Inst Ap VehDyn 2.Pim MotPosReset	target Pim MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1		
tgt GetSystemTime mS u32 CurrentTime	3304439296		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	108.829964	108.829964 ± 0.2	result
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	169.04245	169.04245 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	7.80758333	7.80758333 ± 0.04	J
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	75.1060562	75.1060562 ± 0.0625	~
VehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	23210	73.1000302 ± 0.0023 23210 ± 2	
, = , = = = = =	7187	7187 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3304439296	3304439296	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32			V
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3304439296	3304439296	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000403285027	0.000403298996 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	683.818359	683.818359 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	34.4863586	34.4863586 ± 0.5	
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0.0764636993	0.0764636993 ± 0.04	· ·
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	91.3826141	91.3826141 ± 0.0625	V
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	23210	23210 ± 2	V
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3238	3238 ± 2	V
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3304439296	3304439296	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3304439296	3304439296	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	9.42349434e-005	9.4199997e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	228.670547	228.670547 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	174.289764	174.289764 ± 0.5	~
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.7742443	16.7742443 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	53.7309608	53.7309608 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	11413	11413 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	48604	48604 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3304439296	3304439296	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3304439296	3304439296	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000403285027	0.000403298996 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	~
VehDyn PinTrgSV M str.K Uls f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~

T T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.85 (Repeat Count = 1)		✓
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000239999994	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	77.5132141	
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00200000009	
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0149999997	
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	39.0381813	
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	5.52265358	





Name	Input Value		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	232.692337		
k AutoCntrHiSpdTimer1 mS u16	38590		
k AutoCntrHiSpdTimer2 mS u16	3572		
k AutoCntrHiSpdTimer4CntrWindow HwDeg f32	5.39439726		
k AutoCntrHiSpdTimer4MtrVel MtrRadpS f32	400.168243		
k AutoCntrHiSpdTimer4PinTrg HwNm f32	19.648386		
k AutoCntrHiSpdTimer4VehSpd kph f32	17.4615631		
k_AutoCntrHiSpdTimer4_mS_u16	37023		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	62.1222305		
k AutoCntrLoSpdFilt1Kn Hz f32	0.0850000009		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0250000004		
k AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	443.858398		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	3.18688083		
k AutoCntrLoSpdTimer1VehSpd kph f32	226.96962		
k_AutoCntrLoSpdTimer1_mS_u16	54120		
k AutoCntrLoSpdTimer2 mS u16	46193		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00200000009		
k_SLPEnableBFCheck_Cnt_lgc	0		
k_SLPHwAuthority_UIs_f32	0.595200002		
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	1		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1600		
target Rte Inst Ap VehDyn 2.VehDyn Init1 FaultBFActive Cnt Igc	target_VehDyn_Init1_FaultBFActive_Cnt_lgc		
target Rte Inst Ap VehDyn 2.Pim MotPosReset	target Pim MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0		
tgt_GetSystemTime_mS_u32_CurrentTime	2167769344		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	400.168243	400.168243 ± 0.2	result
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	17.4615631	17.4615631 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	19.648386	19.648386 ± 0.04	,
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	5.39439726	5.39439726 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	38590	38590 ± 2	-
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	37023	37023 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mls_u32	2167769344	2167769344	-
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2167769344	2167769344	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00106757879	0.00106757099 ± 1.25663627181805E-06	-
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg_str.K Uls f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	39.0381813	39.0381813 ± 0.2	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	232.692337	232.692337 ± 0.5	~
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.52265358	5.52265358 ± 0.04	_
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	77.5132141	77.5132141 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	38590	38590 ± 2	-
VehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	3572	3572 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2167769344	2167769344	-
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2167769344	2167769344	~
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000188469887	0.000188478007 ± 1.25663627181805E-06	✓
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	443.858398	443.858398 ± 0.2	
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	226.96962	226.96962 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3.18688083	3.18688083 ± 0.04	-
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	62.1222305	62.1222305 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	54120	54120 ± 2	-
VehDyn_AutoCntrLoSpd_M_str.Timer*Thresh_mS_u16	46193	46193 ± 2	
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresn_ms_u16 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2167769344	2167769344	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2167769344	2167769344	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00106757879	0.00106757099 ± 1.25663627181805E-06	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00314116478	0.000314109988 ± 1.25663627181805E-06	~
	2.51531601e-005	2.51000001e-005 ± 1.25663627181805E-06	
VehDyn_PinTrqSV_M_str.K_Uls_f32 VehDyn_SLPHwAuth_Uls_M_f32	0.595200002	2.51000001e-005 ± 1.25663627181805E-06 0.595200002	~
VehDyn_SLPHwPos_HwDeg_M_f32	1600	1600	

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSvstemTime mS u32	1	GetSvstemTime mS u32	1	~

Test Step 2.86 (Repeat Count = 1)		✓
Name	Input Value	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2	
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000260000001	
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	7.04372168	





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Name	Input Value		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00499999989		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.00499999989		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	55.3411407		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	6.96820259		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	102.746277		
k_AutoCntrHiSpdTimer1_mS_u16	6114		
k_AutoCntrHiSpdTimer2_mS_u16	3906		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	55.9956245		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	84.2065811		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	15.3837309		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	119.126099		
k_AutoCntrHiSpdTimer4_mS_u16	32226		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	9.00450611		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00300000003		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00700000022		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	145.500351		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	12.452816		
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	94.8519287		
k_AutoCntrLoSpdTimer1_mS_u16	19115		
k_AutoCntrLoSpdTimer2_mS_u16	24462		
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989		
k_SLPEnableBFCheck_Cnt_lgc	1		
k_SLPHwAuthority_Uls_f32	0.601800025		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	0		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFAc	ctive_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1		
tgt_GetSystemTime_mS_u32_CurrentTime	3714197504		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	84.2065811	84.2065811 ± 0.2	-
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	119.126099	119.126099 ± 0.5	✓
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	15.3837309	15.3837309 ± 0.04	-
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	55.9956245	55.9956245 ± 0.0625	✓
VehDyn_AutoCntrDetSnd_M_str_Timer1Thresh_mS_u16	6114	6114 + 2	•

tgt_GetSystemTime_mS_u32_CurrentTime	3714197504		
Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	84.2065811	84.2065811 ± 0.2	~
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	119.126099	119.126099 ± 0.5	~
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	15.3837309	15.3837309 ± 0.04	~
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	55.9956245	55.9956245 ± 0.0625	~
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	6114	6114 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	32226	32226 ± 2	~
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3714197504	3714197504	~
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3714197504	3714197504	✓
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.76701355e-005	3.76999997e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	8.79764557e-005	8.80000007e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	55.3411407	55.3411407 ± 0.2	~
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	102.746277	102.746277 ± 0.5	•
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	6.96820259	6.96820259 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	7.04372168	7.04372168 ± 0.0625	•
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	6114	6114 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3906	3906 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3714197504	3714197504	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3714197504	3714197504	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	145.500351	145.500351 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	94.8519287	94.8519287 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.452816	12.452816 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	9.00450611	9.00450611 ± 0.0625	~
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	19115	19115 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	24462	24462 ± 2	~
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3714197504	3714197504	~
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3714197504	3714197504	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.76701355e-005	3.76999997e-005 ± 1.25663627181805E-06	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	8.79764557e-005	8.80000007e-005 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	~
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	~

Τ				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

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VehDyn_Init1



Test Step 2.87 (Repeat Count = 1)	✓
Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000280000007
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	32.0222664
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0344000012
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.0250000004
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	575.91394
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.9376688
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	204.072876
k_AutoCntrHiSpdTimer1_mS_u16	5222
k_AutoCntrHiSpdTimer2_mS_u16	4240
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	93.8445969
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	312.352844
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	8.16609764
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	68
k_AutoCntrHiSpdTimer4_mS_u16	31042
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	95.9834061
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00499999989
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.00499999989
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	195.818787
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	7.82910013
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	



Τ				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.88 (Repeat Count = 1)	Input Value		
Name CotSystemTime mS u22/CurrentTime)	Input Value	Time	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Current	Time	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2 0.000300000014		
VehDyn_PinTrqSV_M_str.K_Uls_f32			
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	7.2738266		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.0458000004		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.063000001		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	460.901886		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	8.00629902		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	92.026535		
k_AutoCntrHiSpdTimer1_mS_u16	16931		
k_AutoCntrHiSpdTimer2_mS_u16	4574		
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	51.3993683		
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	119.134666		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	0		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	103.723984		
k_AutoCntrHiSpdTimer4_mS_u16	51145		
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	65.2026672		
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.00899999961		
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0250000004		
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	581.690918		
k AutoCntrLoSpdTimer1PinTrg HwNm f32	6.79465103		
k AutoCntrLoSpdTimer1VehSpd kph f32	236.401962		
k_AutoCntrLoSpdTimer1 werispd_kpi1_i32	46296		
k AutoCntrLoSpdTimer2 mS u16	9393		
k AutoCntrPinTrqLPFCoeffKn Hz f32	0.0458000004		
	1		
<_SLPEnableBFCheck_Cnt_lgc			
k_SLPHwAuthority_Uls_f32	0.61500001		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1		
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-809.921021		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_Igc	target_VehDyn_Init1_FaultBFActive_C	Cnt_lgc	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1		
tgt_GetSystemTime_mS_u32_CurrentTime	71426560		
Name	Actual Value	Expected Value	Resu
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	119.134666	119.134666 ± 0.2	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	103.723984	103.723984 ± 0.5	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	0	0 ± 0.04	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	51.3993683	51.3993683 ± 0.0625	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	16931	16931 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	51145	51145 ± 2	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	71426560	71426560	,
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	71426560	71426560	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000113070011	0.000113091002 ± 1.25663627181805E-06	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000314116478	0.000314109988 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	460.901886	460.901886 ± 0.2	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	92.026535	92.026535 ± 0.5	1
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.00629902	8.00629902 ± 0.04	•
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	7.2738266	7.2738266 ± 0.0625	•
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	16931	16931 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	4574	4574 ± 2	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	71426560	71426560	•
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	71426560	71426560	•
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000575363636	0.000575373997 ± 1.25663627181805E-06	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000791370869	0.000791368017 ± 1.25663627181805E-06	•
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	581.690918	581.690918 ± 0.2	
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	236.401962	236.401962 ± 0.5	
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.79465103	6.79465103 ± 0.04	
VehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	65.2026672	65.2026672 ± 0.0625	
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	46296	46296 ± 2	
VehDyn_AutoCntrLoSpd_M_str.Timer*Thresh_mS_u16	9393	9393 ± 2	
VOID YEL AND OTHER COOPER BY SELECTION OF A THEORY AND A		71426560	
		1 1420300	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	71426560		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	71426560	71426560	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32			•

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Name	Actual Value	Expected Value	Result
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000575363636	0.000575373997 ± 1.25663627181805E-0	S 🗸
VehDyn_SLPHwAuth_Uls_M_f32	0	0	✓
VehDyn SLPHwPos HwDeg M f32	0	0	✓

Τ			V	
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Case 3: Path Test

Specification

Performance Metrics: (With "None" Instrumentation and "WithPS" Environment)

TS3.1 4053.00 Cycles TS3.2 3974.00 Cycles

Description Vector Description:

 $TS3.1(((Rte_Pim_MotPosReset()->NVMStoredLastPosValid_Cnt_lgc) == TRUE) \&\& (((FaultBFActive_Cnt_T_lgc \& k_SLPEnableBFCheck_Cnt_lgc) == FALSE)))=FALSE \\ TS3.2(((Rte_Pim_MotPosReset()->NVMStoredLastPosValid_Cnt_lgc) == TRUE) \&\& (((FaultBFActive_Cnt_T_lgc \& k_SLPEnableBFCheck_Cnt_lgc) == FALSE)))=TRUE \\$

Test Step 3.1 (Repeat Count = 1)			~
Name	Input Value		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00125584798		
k_AutoCntrHiSpdCntrWindow_HwDeg_f32	100		
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.100000001		
k_AutoCntrHiSpdFilt2Kn_Hz_f32	0.100000001		
k_AutoCntrHiSpdTimer1MtrVel_MtrRadpS_f32	700		
k_AutoCntrHiSpdTimer1PinTrq_HwNm_f32	20		
k_AutoCntrHiSpdTimer1VehSpd_kph_f32	255		
k_AutoCntrHiSpdTimer1_mS_u16	60000		
k AutoCntrHiSpdTimer2 mS u16	60000		
k AutoCntrHiSpdTimer4CntrWindow HwDeg f32	100		
k AutoCntrHiSpdTimer4MtrVel MtrRadpS f32	700		
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	20		
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	255		
k AutoCntrHiSpdTimer4 mS u16	60000		
k AutoCntrLoSpdCntrWindow HwDeg f32	100		
k AutoCntrLoSpdFilt1Kn Hz f32	0.100000001		
k AutoCntrLoSpdFilt2Kn Hz f32	0.10000001		
k AutoCntrLoSpdTimer1MtrVel MtrRadpS f32	700		
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	20		
k AutoCntrLoSpdTimer1VehSpd kph f32	255		
k AutoCntrLoSpdTimer1 mS u16	60000		
k AutoCntrLoSpdTimer2 mS u16	60000 60000		
k AutoCntrPinTrqLPFCoeffKn Hz f32	0.100000001		
k SLPEnableBFCheck Cnt lgc	1		
	1		
k_SLPHwAuthority_Uls_f32	1		
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc			
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1600		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFActive_Cnt_Ig		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	1		
tgt_GetSystemTime_mS_u32_CurrentTime	4294967295		
Name	Actual Value	Expected Value	Resul
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	700	700 ± 0.2	•
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	255	255 ± 0.5	•
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04	•
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	100	100 ± 0.0625	•
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	60000	60000 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	60000	60000 ± 2	•
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4294967295	4294967295	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4294967295	4294967295	•
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584798 ± 1.25663627181805E-06	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584798 ± 1.25663627181805E-06	•
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	700	700 ± 0.2	-

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	255	255 ± 0.5	✓
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04	•
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	100	100 ± 0.0625	~
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	60000	60000 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	60000	60000 ± 2	✓
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4294967295	4294967295	✓
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4294967295	4294967295	✓
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584798 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584798 ± 1.25663627181805E-06	✓
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	700	700 ± 0.2	~
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	255	255 ± 0.5	✓
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	20	20 ± 0.04	~
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	100	100 ± 0.0625	✓
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	60000	60000 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	60000	60000 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4294967295	4294967295	•
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4294967295	4294967295	✓
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584798 ± 1.25663627181805E-06	~
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125586987	0.00125584798 ± 1.25663627181805E-06	~
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00125586987	0.00125584798 ± 1.25663627181805E-06	~
VehDyn_SLPHwAuth_Uls_M_f32	0	0	✓
VehDyn_SLPHwPos_HwDeg_M_f32	0	0	✓

T		✓		
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Name	Input Value			
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 Current	Time		
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn 2	· · · · ·		
VehDyn PinTrqSV M str.K Uls f32	9.9999975e-006			
k AutoCntrHiSpdCntrWindow HwDeg f32	16.8675175			
k_AutoCntrHiSpdFilt1Kn_Hz_f32	0.00499999989			
k AutoCntrHiSpdFilt2Kn Hz f32	0.00779999979			
k AutoCntrHiSpdTimer1MtrVel MtrRadpS f32	511.249969			
k AutoCntrHiSpdTimer1PinTrg HwNm f32	2.49991417			
k AutoCntrHiSpdTimer1VehSpd kph f32	119.398392			
k AutoCntrHiSpdTimer1 mS u16	19956			
k AutoCntrHiSpdTimer2 mS u16	1111			
k_AutoCntrHiSpdTimer4CntrWindow_HwDeg_f32	47.1357269			
k_AutoCntrHiSpdTimer4MtrVel_MtrRadpS_f32	577.715271			
k_AutoCntrHiSpdTimer4PinTrq_HwNm_f32	18.6059322			
k_AutoCntrHiSpdTimer4VehSpd_kph_f32	69.9332428			
k_AutoCntrHiSpdTimer4_mS_u16	47307			
k_AutoCntrLoSpdCntrWindow_HwDeg_f32	97.2305069			
k_AutoCntrLoSpdFilt1Kn_Hz_f32	0.0350000001			
k_AutoCntrLoSpdFilt2Kn_Hz_f32	0.0649999976			
k_AutoCntrLoSpdTimer1MtrVel_MtrRadpS_f32	0			
k_AutoCntrLoSpdTimer1PinTrq_HwNm_f32	16.4742603			
k_AutoCntrLoSpdTimer1VehSpd_kph_f32	113.628799			
k_AutoCntrLoSpdTimer1_mS_u16	49475	49475		
k_AutoCntrLoSpdTimer2_mS_u16	38708			
k_AutoCntrPinTrqLPFCoeffKn_Hz_f32	0.00499999989			
k_SLPEnableBFCheck_Cnt_lgc	0			
k_SLPHwAuthority_Uls_f32	0.00120000006			
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1			
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1425.14795			
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Init1_FaultBFActive_Cnt_lgc	target_VehDyn_Init1_FaultBFActive_C	nt_lgc		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset			
target_VehDyn_Init1_FaultBFActive_Cnt_lgc.value	0			
tgt_GetSystemTime_mS_u32_CurrentTime	1720406272			
Name	Actual Value	Expected Value	Result	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	577.715271	577.715271 ± 0.2	•	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	69.9332428	69.9332428 ± 0.5	•	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.6059322	18.6059322 ± 0.04	•	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	47.1357269	47.1357269 ± 0.0625	•	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	19956	19956 ± 2	•	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	47307	47307 ± 2	✓	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1720406272	1720406272	•	

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Name	Actual Value	Expected Value	Result
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1720406272	1720406272	~
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000439703465	0.000439725991 ± 1.25663627181805E-06	-
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000816464424	0.000816481013 ± 1.25663627181805E-06	~
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	511.249969	511.249969 ± 0.2	-
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	119.398392	119.398392 ± 0.5	-
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2.49991417	2.49991417 ± 0.04	~
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	16.8675175	16.8675175 ± 0.0625	-
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	19956	19956 ± 2	-
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	1111	1111 ± 2	~
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1720406272	1720406272	~
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1720406272	1720406272	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	-
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	9.7990036e-005	9.79999968e-005 ± 1.25663627181805E-06	-
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	0	0 ± 0.2	-
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	113.628799	113.628799 ± 0.5	•
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.4742603	16.4742603 ± 0.04	-
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	97.2305069	97.2305069 ± 0.0625	•
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	49475	49475 ± 2	-
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	38708	38708 ± 2	•
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1720406272	1720406272	-
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1720406272	1720406272	•
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000439703465	0.000439725991 ± 1.25663627181805E-06	-
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000816464424	0.000816481013 ± 1.25663627181805E-06	•
VehDyn_PinTrqSV_M_str.K_Uls_f32	6.28232956e-005	6.2799998e-005 ± 1.25663627181805E-06	-
VehDyn_SLPHwAuth_Uls_M_f32	0.00120000006	0.00120000006	-
VehDyn_SLPHwPos_HwDeg_M_f32	1425.14795	1425.14795	-

T		✓		
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

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Project	VehDyn
Module	VehDyn
Test Object	Autocenter_f32

Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Branch (C1) Coverage	100 %
MCC Coverage	100 %
MC/DC Coverage	100 %

Statistics

Total Testcases	3	
Successful	3	~
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\VehDyn
Configuration File	D:\Synergy_Work_Area\VehDyn\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\VehDyn\src\Ap_VehDyn.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -Dexpf=exp -l\$(PROJECTROOT)\VehDyn\utp\contract\Ap_VehDyn -l\$(PROJECTROOT)\VehDyn\utp\contract\-l\$(PROJECTROOT)\NxtrLib\include -l\$(PROJECTROOT)\StdDef\include -l\$(ProgramFiles)\Texas Instruments\ccsv4\tools \compiler\tms470\include

lame	Text
flodule 'VehDyn'	**************************************
	Name of Tester:Sunita Kore Code File(s) Under Test:Ap_VehDyn.c
	Code File(s) Version:3
	Module Design Document:VehDyn_MDD.docx Module Design Document Version:4
	Data Dictionary Version:5
	Unit Test Plan Version:2 Optimization Level:Level 2
	Optimization Level.Level 2 Compiler (CodeGen) Version:TMS470 4.9.5
	Model Type:Excel Macro
	Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes):2054
	Total RAM Used (Bytes):188
	Total CALS Used (Bytes):107 Special Test Requirements:
	Special rest Requiements. Test Date:9/19/2014
	Comments:"NOTE1: Inline function defined in ""GlobalMacro.h"" are not unit tested.
	NOTE2: ""CBD_Sandbox_dbg.map"" map file is embedded for refernce.
	NOTE3:Regarding DD Modification:-
	DD: Received Version: 4 Modified version: 5
	Range of variables "VehDyn_MinOffset_HwDeg_M_f32" and "VehDyn_MaxOffset_HwDeg_M_f32" are updated in DD with highlighted portion.
	n e e e e e e e e e e e e e e e e e e e

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src

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Attributes				
Name	Value			
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd			
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl			
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2			
Time Unit	Cycles			
Timer Enabled	false			
Timer Prescale	0			
Timer Resolution	1			
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg			
Workspace File	D:\Synergy_Work_Area\VehDyn\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP			



Test Case 1: Metrics Test

Specification

Performance Metrics: (With "None" Instrumentation and "WithPS" Environment)

TS1.1 680.00 Cycles Shortest Execution Pat TS1.2 1810.00 Cycles Longest Execution Path Shortest Execution Path

Description Vector Description:

TS1.1"Shortest Execution Path=>

TS1.1"Shortest Execution Patn=> if((Abs_f32_m(MotorVelCRF_MtrRadpS_T_f32) <= AutoCntr_Cnt_T_str->MtrVel_MtrRadpS_f32) && (VehicleSpeed_Kph_T_f32) = AutoCntr_Cnt_T_str->VehSpd_kph_f32) && (VehSpdValid_Cnt_T_lgc == D_TRUE_CNT_LGC) && (AbsFiltPinTrq_HwNm_T_f32 <= (AutoCntr_Cnt_T_str->FiltPinTrq_HwNm_f32)))=>False if(AutoCntr_Cnt_T_str->Filter1Enable_Cnt_lgc == D_TRUE_CNT_LGC)=>False"

TS1.3" enable Execution Path=>

TS1.2"Longest Execution Path=>

if (AutoCntr_Cnt_T_str->Filter2Initialized_Cnt_Igc == D_FALSE_CNT_LGC) &&

(Timer2Elapsed_mS_T_u32 >= AutoCntr_Cnt_T_str->Timer2Thresh_mS_u16))=>True

if (AutoCntr_Cnt_T_str->Filter2Initialized_Cnt_Igc == D_FALSE_CNT_LGC) >=>True if(AutoCntr_Cnt_T_str->Filter2Enable_Cnt_lgc == D_TRUE_CNT_LGC)=>True"

Test Step 1.1 (Repeat Count = 1)			✓	
Name	Input Value			
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str			
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime			
FiltPinTrq_HwNm_T_f32	0			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime			
MotorVelCRF_MtrRadpS_T_f32	-1350			
RelHwPos_HwDeg_T_f32	-2880.21997			
VehSpdValid_Cnt_T_lgc	0			
VehicleSpeed_Kph_T_f32	0			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	0			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	0			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	0			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	0			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	0			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	0			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4243378688			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2269150976			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2880.21997			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000501999981			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2880.21997			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000501999981			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	0			
tgt_GetSystemTime_mS_u32_CurrentTime	0			
Name	Actual Value	Expected Value	Result	
Autocenter_f32()	0	0 ± 0.1	~	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	0	0	~	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2269150976	2269150976	~	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2880.21997	-2880.21997 ± 0.009	~	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2880.21997	-2880.21997 ± 0.009	~	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	~	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	~	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	~	
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	~	

T					
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~	





Test Step 1.2 (Repeat Count = 1) Name	Input Value				
AutoCntr_Cnt_T_str	tgt AutoCntr Cnt T str				
DtrmnElapsedTime mS u32(ElapsedTime)		tgt DtrmnElapsedTime mS u32 ElapsedTime			
FiltPinTrg HwNm T f32		5			
GetSystemTime_mS_u32(CurrentTime)	tgt GetSystemTime mS u32 CurrentTime				
MotorVelCRF MtrRadpS T f32	0				
RelHwPos HwDeg T f32	-888				
VehSpdValid_Cnt_T_lgc	1	111			
VehicleSpeed_Kph_T_f32	216				
tgt AutoCntr Cnt T str.MtrVel MtrRadpS f32	120				
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	34				
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5				
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	85				
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	53759				
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821				
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1316564736				
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3345084416				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000508000026				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000508000026				
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0				
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0				
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0				
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0				
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3437401088				
tgt_GetSystemTime_mS_u32_CurrentTime	954802432				
Name	Actual Value	Expected Value	Resul		
Autocenter_f32()	0	0 ± 0.1	•		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1316564736	1316564736	•		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	954802432	954802432			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888	-888 ± 0.0009	•		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-888	-888 ± 0.0009			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	•		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	•		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1			

Т					
Actual Function	Count	Expected Function	Count	Result	
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~	
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~	

Autocenter_f32

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Test Case 2: Boundary Test

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Specification

Autocenter_f32

Performance Metrics: (With "None" Instrumentation and "WithPS" Environment)

CPU Cycles:

TS2.1 676.00 Cycles TS2.2 676.00 Cycles TS2.3 659.00 Cycles TS2.4 659.00 Cycles
TS2.5 730.00 Cycles
TS2.5 730.00 Cycles
TS2.6 659.00 Cycles
TS2.6 659.00 Cycles
TS2.7 659.00 Cycles
TS2.9 659.00 Cycles
TS2.9 659.00 Cycles
TS2.10 705.00 Cycles
TS2.11 659.00 Cycles
TS2.12 659.00 Cycles
TS2.13 659.00 Cycles
TS2.13 659.00 Cycles
TS2.14 659.00 Cycles
TS2.15 683.00 Cycles
TS2.15 683.00 Cycles
TS2.17 659.00 Cycles
TS2.18 728.00 Cycles
TS2.18 728.00 Cycles
TS2.19 654.00 Cycles
TS2.20 701.00 Cycles
TS2.21 654.00 Cycles
TS2.22 654.00 Cycles
TS2.23 654.00 Cycles
TS2.24 654.00 Cycles
TS2.25 654.00 Cycles
TS2.26 654.00 Cycles
TS2.27 654.00 Cycles
TS2.28 654.00 Cycles
TS2.29 654.00 Cycles
TS2.29 654.00 Cycles
TS2.21 654.00 Cycles
TS2.23 654.00 Cycles
TS2.24 654.00 Cycles
TS2.25 654.00 Cycles
TS2.26 654.00 Cycles
TS2.27 654.00 Cycles
TS2.28 654.00 Cycles
TS2.29 654.00 Cycles
TS2.29 654.00 Cycles
TS2.21 654.00 Cycles
TS2.22 654.00 Cycles
TS2.23 654.00 Cycles
TS2.24 654.00 Cycles
TS2.25 654.00 Cycles
TS2.26 654.00 Cycles
TS2.27 654.00 Cycles
TS2.28 654.00 Cycles
TS2.29 654.00 Cycles
TS2.50 654.00 Cycles
TS2.51 654.00 Cycles
TS2.52 664.00 Cycles
TS2.53 703.00 Cycles
TS2.54 654.00 Cycles
TS2.55 654.00 Cycles
TS2.56 654.00 Cycles
TS2.57 654.00 Cycles
TS2.58 664.00 Cycles
TS2.59 664.00 Cycles
TS2.59 664.00 Cycles
TS2.59 664.00 Cycles
TS2.59 664.00 Cycles
TS2.69 664.00 Cyc





Description Vector Description:

```
TS2.1All Min
TS2.2All Max
TS2.3FiltPinTrq_HwNm_T_f32 = Min
TS2.4FiltPinTrq_HwNm_T_f32 = Max
TS2.5FiltPinTrq_HwNm_T_f32 = Zero
TS2.6FiltPinTrq_HwNm_T_f32 = Pos
TS2.6FiltPinTrq_HwNm_T_f32 = Neg
TS2.8MotorVelCRF_MtrRadpS_T_f32 = Min
TS2.9MotorVelCRF_MtrRadpS_T_f32 = Max
TS2.10MotorVelCRF_MtrRadpS_T_f32 = Pos
TS2.11MotorVelCRF_MtrRadpS_T_f32 = Pos
TS2.12MotorVelCRF_MtrRadpS_T_f32 = Neg
TS2.15VehicleSpeed_Kph_T_f32 = Min
TS2.14VehicleSpeed_Kph_T_f32 = Min
TS2.14VehSpdValid_Cnt_T_lgc = Min
TS2.15VehSpdValid_Cnt_T_lgc = Min
TS2.17VehSpdValid_Cnt_T_lgc = Min
TS2.18RelHwPos_HwDeg_T_f32 = Max
TS2.18RelHwPos_HwDeg_T_f32 = Pos
TS2.21RelHwPos_HwDeg_T_f32 = Pos
TS2.22RelHwPos_HwDeg_T_f32 = Pos
TS2.22RelHwPos_HwDeg_T_f32 = Pos
TS2.22AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32==>Min
TS2.23AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32==>Mos
TS2.25AutoCntr_Cnt_T_str.WtrVel_MtrRadpS_f32==>Pos
TS2.25AutoCntr_Cnt_T_str.VehSpd_kph_f32==>Mos
TS2.25AutoCntr_Cnt_T_str.VehSpd_kph_f32==>Mos
TS2.25AutoCntr_Cnt_T_str.VehSpd_kph_f32==>Pos
TS2.26AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32==>Mos
TS2.30AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32==>Mos
TS2.33AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16==>Mos
TS2.33AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16==>Mos
TS2.33AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16==>Mos
TS2.33AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16==>Mos
TS2.33AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16==>Pos
TS2.33AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16==>Mos
TS2.33AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16==>Mos
TS2.33AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16==>Mos
TS2.33AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16==>Mos
TS2.33AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16==>Mos
TS2.33AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16==>Pos
TS2.33AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16==>Pos
TS2.34A
                TS2.1All Min
                TS2.2All Max
     TS2.43AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_Igc==>Min
TS2.44AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_Igc==>Max
TS2.45AutoCntr_Cnt_T_str.Filter2Enable_Cnt_Igc==>Min
TS2.46AutoCntr_Cnt_T_str.Filter2Enable_Cnt_Igc==>Max
TS2.47AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_Igc==>Max
TS2.49AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_Igc==>Max
TS2.49AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV==>Min
TS2.50AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV==>Max
TS2.51AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV==>Nes
TS2.52AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV==>Nes
TS2.53AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV==>Nes
TS2.55AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K==>Min
TS2.55AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K==>Max
TS2.56AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K==>Max
TS2.56AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K==>Min
TS2.58AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV==>Min
TS2.58AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV==>Min
TS2.58AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV==>Nin
TS2.59AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV==>Pos
TS2.59AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV==>Pos
TS2.50AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV==>Pos
TS2.50AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV==>Pos
TS2.50AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV==>Pos
TS2.60AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV==>Pos
TS2.60AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV==>Zero
              TS2.69AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV==>Pos
TS2.60AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV==>Neg
TS2.62AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K==>Min
TS2.63AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K==>Max
TS2.64AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K==>Pos
TS2.65DtrnnElapsedTime_mS_u32 = Min
                TS2.66DtrmnElapsedTime_mS_u32 = Max
TS2.67DtrmnElapsedTime_mS_u32 = Pos
TS2.68GetSystemTime_mS_u32 = Min
                   TS2.69GetSystemTime_mS_u32 = Max
                   TS2.70GetSystemTime_mS_u32 = Pos
```

Test Step 2.1 (Repeat Count = 1)		
Name	Input Value	
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	
FiltPinTrq_HwNm_T_f32	-18.7999992	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	-1350	
RelHwPos_HwDeg_T_f32	-3200	
VehSpdValid_Cnt_T_lgc	0	
VehicleSpeed_Kph_T_f32	0	
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	0	
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	0	
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	0	
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	0	
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	0	
tgt AutoCntr Cnt T str.Timer2Thresh mS u16	0	

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Name	Input Value		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	0		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	0		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51000006e-006		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51000006e-006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	0		
tgt_GetSystemTime_mS_u32_CurrentTime	0		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	0	0 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	0	0	•
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	0	0	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200	-3200 ± 0.009	•
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200	-3200 ± 0.009	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	•
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	~

T				V
Actual Function	Count	Expected Function	Count	t Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.2 (Repeat Count = 1)	Innut Wales			
Name	Input Value			
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str			
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime			
FiltPinTrq_HwNm_T_f32	18.7999992			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime			
MotorVelCRF_MtrRadpS_T_f32	1350			
RelHwPos_HwDeg_T_f32	3200			
VehSpdValid_Cnt_T_lgc	1			
VehicleSpeed_Kph_T_f32	512			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	700			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	255			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	20			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	100			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	60000			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	60000			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4294967295			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4294967295			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	3200			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584798			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	3200			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584798			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	4294967295			
tgt_GetSystemTime_mS_u32_CurrentTime	4294967295			
Name	Actual Value	Expected Value	Resul	
Autocenter_f32()	0	0 ± 0.1	•	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4294967295	4294967295		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4294967295	4294967295		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	3200	3200 ± 0.009		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	3200	3200 ± 0.009		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1		
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	1	1		

Τ				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~



Test Step 2.3 (Repeat Count = 1)			✓		
Name	Input Value				
AutoCntr Cnt T str	tgt_AutoCntr_Cnt_T_str				
DtrmnElapsedTime mS u32(ElapsedTime)	tqt DtrmnElapsedTime mS u32 ElapsedTime				
FiltPinTrg HwNm T f32	-18.7999992				
GetSystemTime mS u32(CurrentTime)	tat GetSystemTime mS u32 CurrentTime				
MotorVelCRF_MtrRadpS_T_f32	-123				
RelHwPos_HwDeg_T_f32	1885				
VehSpdValid_Cnt_T_lgc	0				
VehicleSpeed_Kph_T_f32	166				
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	75				
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	156				
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	4				
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	10				
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	12258				
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	33198				
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	10000				
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2269150976				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1950				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000501999981				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51000006e-006				
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1				
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1				
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0				
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0				
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	1720406272				
tgt_GetSystemTime_mS_u32_CurrentTime	4243378688				
Name	Actual Value	Expected Value	Result		
Autocenter_f32()	0	0 ± 0.1	~		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4243378688	4243378688	~		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2269150976	2269150976	~		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1950	1950 ± 0.009	•		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885	1885 ± 0.009	~		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	~		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	•		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	•		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	~		

T				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.4 (Repeat Count = 1)	🗸
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	18.7999992
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	189
RelHwPos_HwDeg_T_f32	-1887
VehSpdValid_Cnt_T_lgc	1
VehicleSpeed_Kph_T_f32	176
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	98
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	166
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	16
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	25
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	26195
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	21335
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	20000
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3533260288
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1885
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000503999996
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1887
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51999995e-006
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0

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Name	Input Value		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2659241984		
tgt_GetSystemTime_mS_u32_CurrentTime	1050692864		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	0	0 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1050692864	1050692864	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3533260288	3533260288	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1885	1885 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1887	-1887 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	~

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.5 (Repeat Count = 1) Name	Input Value			
	·			
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str			
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u3	2_Elapsed lime		
FiltPinTrq_HwNm_T_f32	0			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_C	current i ime		
MotorVelCRF_MtrRadpS_T_f32	63			
RelHwPos_HwDeg_T_f32	-1753			
VehSpdValid_Cnt_T_lgc	0			
VehicleSpeed_Kph_T_f32	186			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	66			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	84			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	86			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	43128			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	53970			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	437658624			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	812314880			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1887			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000506000011			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1753			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.53000007e-006			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2942063360			
tgt_GetSystemTime_mS_u32_CurrentTime	3039943680			
Name	Actual Value	Expected Value	Resul	
Autocenter_f32()	0	0 ± 0.1	•	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3039943680	3039943680		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	812314880	812314880		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1887	-1887 ± 0.009		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1753	-1753 ± 0.009		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1		
tgt AutoCntr Cnt T str.Filter1Initialized Cnt Igc	0	0		
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	0	0		

T				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.6 (Repeat Count = 1)	✓
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime

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Name	Input Value		
FiltPinTrq_HwNm_T_f32	12.3299999		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime		
MotorVelCRF_MtrRadpS_T_f32	-900		
RelHwPos_HwDeg_T_f32	1900		
VehSpdValid_Cnt_T_lgc	0		
VehicleSpeed_Kph_T_f32	0		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	600		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	76		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	2		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	52		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	33198		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	38868		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	71426560		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4129141760		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000517999986		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.58999989e-006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	1759885568		
tgt_GetSystemTime_mS_u32_CurrentTime	309385728		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	3800	3800 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	309385728	309385728	~
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4129141760	4129141760	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900	1900 ± 0.009	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900	-1900 ± 0.009	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_Igc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	~

T			✓	
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.7 (Repeat Count = 1)				
Name	Input Value	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_Elapse	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime		
FiltPinTrq_HwNm_T_f32	-12.4499998			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTir	me		
MotorVelCRF_MtrRadpS_T_f32	800			
RelHwPos_HwDeg_T_f32	-1900			
VehSpdValid_Cnt_T_lgc	1			
VehicleSpeed_Kph_T_f32	512			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	200			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	86			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	4			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	41	41		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	21335			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	53970			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2430672128	2430672128		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2836768512			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000520000001			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.60000002e-006			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	1662097408			
tgt_GetSystemTime_mS_u32_CurrentTime	4164171008			
Name	Actual Value	Expected Value	Result	
Autocenter_f32()	-418	-418 ± 0.1	•	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4164171008	4164171008	•	

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Name	Actual Value	Expected Value	Result
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2836768512	2836768512	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900	-1900 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482	-1482 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	1	1	✓

T					
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~	

Test Step 2.8 (Repeat Count = 1)			✓		
Name	Input Value				
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str			
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime				
FiltPinTrq_HwNm_T_f32	4.23000002				
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime				
MotorVelCRF_MtrRadpS_T_f32	-1350				
RelHwPos_HwDeg_T_f32	-2400				
VehSpdValid_Cnt_T_lgc	1				
VehicleSpeed_Kph_T_f32	196				
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	34				
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	64				
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	9				
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	56				
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	49475				
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	12258				
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3941357312				
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3345084416				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1753				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000508000026				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	935				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.53999997e-006				
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0				
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0				
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1				
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1				
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	1117112832				
tgt_GetSystemTime_mS_u32_CurrentTime	1316564736				
Name	Actual Value	Expected Value	Result		
Autocenter_f32()	-3335	-3335 ± 0.1	~		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1316564736	1316564736	✓		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3345084416	3345084416	~		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1753	-1753 ± 0.009	✓		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	935	935 ± 0.0009	~		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	~		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	✓		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	✓		

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime mS u32	1	GetSystemTime mS u32	1	-

Test Step 2.9 (Repeat Count = 1)		<u> </u>
Name	Input Value	
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	
FiltPinTrq_HwNm_T_f32	16.5499992	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	1350	
RelHwPos_HwDeg_T_f32	935	
VehSpdValid_Cnt_T_lgc	0	
VehicleSpeed_Kph_T_f32	206	
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	2	





Name	Input Value		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	52		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	7		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	54		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	43128		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	29076		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3304439296		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2704864000		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	935		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000509999983		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-888		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.55000009e-006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	1736795392		
tgt_GetSystemTime_mS_u32_CurrentTime	2075080192		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	1823	1823 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2075080192	2075080192	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2704864000	2704864000	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	935	935 ± 0.0009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-888	-888 ± 0.0009	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_Igc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	✓

T					
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	-	

Test Step 2.10 (Repeat Count = 1)			✓			
Name	Input Value					
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str					
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime				
FiltPinTrq_HwNm_T_f32	5.86999989	5.86999989				
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_C	tgt_GetSystemTime_mS_u32_CurrentTime				
MotorVelCRF_MtrRadpS_T_f32	0					
RelHwPos_HwDeg_T_f32	-888	-888				
VehSpdValid_Cnt_T_lgc	1					
VehicleSpeed_Kph_T_f32	216					
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	120					
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	34					
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5					
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	85					
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	53759					
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821					
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2167769344					
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4129141760					
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888					
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000511999999					
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425					
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.55999998e-006					
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0					
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0					
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1					
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1					
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3437401088					
tgt_GetSystemTime_mS_u32_CurrentTime	954802432					
Name	Actual Value	Expected Value	Result			
Autocenter_f32()	-1313	-1313 ± 0.1	~			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	954802432	954802432	✓			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4129141760	4129141760	~			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888	-888 ± 0.0009	✓			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425	425 ± 0.0009	~			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	Ō	0	~			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	~			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	~			





T				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.11 (Repeat Count = 1) Name	Input Value			
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str			
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime			
FiltPinTrq_HwNm_T_f32	9.45499992	_		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_0	CurrentTime		
MotorVelCRF_MtrRadpS_T_f32	1100			
RelHwPos_HwDeg_T_f32	425			
VehSpdValid_Cnt_T_lgc	0			
VehicleSpeed_Kph_T_f32	226			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	350			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	18			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	3			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	96			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	13352			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	40437			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3714197504			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	662694400			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	425			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000514000014			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2000			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.57000011e-006			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3494315776			
tgt_GetSystemTime_mS_u32_CurrentTime	2728878080			
Name	Actual Value	Expected Value	Resul	
Autocenter f32()	2425	2425 ± 0.1		
tgt AutoCntr Cnt T str.Timer1 mS u32	2728878080	2728878080		
tgt AutoCntr Cnt T str.Timer2 mS u32	662694400	662694400		
tgt AutoCntr Cnt T str.RelHwPosFilt1SV HwDeg str.SV Uls f32	425	425 ± 0.0009		
tgt AutoCntr Cnt T str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-2000	-2000 ± 0.009		
tgt AutoCntr Cnt T str.Filter1Enable Cnt Igc	0	0		
tgt AutoCntr Cnt T str.Filter2Enable Cnt lgc	1	1		
tgt AutoCntr Cnt T str.Filter1Initialized Cnt Igc	0	0		
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	0	0		

Т				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.12 (Repeat Count = 1)				
Name	Input Value			
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str			
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime			
FiltPinTrq_HwNm_T_f32	7.87699986			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime			
MotorVelCRF_MtrRadpS_T_f32	-1200			
RelHwPos_HwDeg_T_f32	-2000			
VehSpdValid_Cnt_T_lgc	1			
VehicleSpeed_Kph_T_f32	236			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	400			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	88			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	1			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	32			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	21364			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	2291			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3323480832			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2303132928			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000515999971			

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Name	Input Value		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.58e-006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	463842816		
tgt_GetSystemTime_mS_u32_CurrentTime	824746752		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-3900	-3900 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	824746752	824746752	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2303132928	2303132928	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000	-2000 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900	1900 ± 0.009	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	1	1	✓

T					
Actual Function	Count	Expected Function	Count	Res	ult
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1		~

Test Step 2.13 (Repeat Count = 1)			•
Name	Input Value		
AutoCntr_Cnt_T_str	tgt AutoCntr Cnt T str		
DtrmnElapsedTime mS u32(ElapsedTime)	tgt DtrmnElapsedTime mS u32 E	lapsedTime	
FiltPinTrq HwNm T f32	5.76599979		
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 Curre	entTime	
MotorVelCRF MtrRadpS T f32	-900		
RelHwPos_HwDeg_T_f32	1900		
VehSpdValid_Cnt_T_lgc	0		
VehicleSpeed_Kph_T_f32	0		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	600		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	76		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	2		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	52		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	33198		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	38868		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	71426560		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4129141760		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000517999986		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.58999989e-006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	1759885568		
tgt_GetSystemTime_mS_u32_CurrentTime	309385728		
Name	Actual Value	Expected Value	Resul
Autocenter_f32()	3800	3800 ± 0.1	•
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	309385728	309385728	•
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4129141760	4129141760	•
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900	1900 ± 0.009	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900	-1900 ± 0.009	•
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	•
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	

Τ					
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~	



Test Step 2.14 (Repeat Count = 1)			√
Name	Input Value		
AutoCntr_Cnt_T_str	tgt AutoCntr Cnt T str		
DtrmnElapsedTime mS u32(ElapsedTime)	tgt_DtrmnElapsedTime mS u32 Elapsed	Time	
FiltPinTrg HwNm T f32	3	Time	
GetSystemTime mS u32(CurrentTime)	tqt GetSystemTime mS u32 CurrentTim	2	
MotorVelCRF MtrRadpS T f32	800		
RelHwPos HwDeg T f32	-1900		
VehSpdValid Cnt T Igc	1		
VehicleSpeed Kph T f32	512		
tgt AutoCntr Cnt T str.MtrVel MtrRadpS f32	200		
tgt AutoCntr Cnt T str.VehSpd kph f32	86		
tgt AutoCntr Cnt T str.FiltPinTrg HwNm f32	4		
tgt AutoCntr Cnt T str.CntrWindow HwDeg f32	41		
tgt AutoCntr Cnt T str.Timer1Thresh mS u16	21335		
tgt AutoCntr Cnt T str.Timer2Thresh mS u16	53970		
tgt AutoCntr Cnt T str.Timer1 mS u32	2430672128		
tgt AutoCntr Cnt T str.Timer2 mS u32	2836768512		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000520000001		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.60000002e-006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	1662097408		
tgt_GetSystemTime_mS_u32_CurrentTime	4164171008		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-418	-418 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4164171008	4164171008	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2836768512	2836768512	•
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900	-1900 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482	-1482 ± 0.009	•
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	~

T T					
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~	

Test Step 2.15 (Repeat Count = 1)	Innud Malura
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	1.11000001
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	-418
RelHwPos_HwDeg_T_f32	-1482
VehSpdValid_Cnt_T_lgc	0
VehicleSpeed_Kph_T_f32	124
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	457
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	96
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	6
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	63
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	53970
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	12258
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2242866176
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2478427648
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000522000017
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.60999991e-006
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0
tgt DtrmnElapsedTime mS u32 ElapsedTime	2127166208

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Name	Input Value		
tgt_GetSystemTime_mS_u32_CurrentTime	437658624		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-729	-729 ± 0.1	✓
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	437658624	437658624	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2478427648	2478427648	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991	1991 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753	-753 ± 0.0009	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	✓

T					
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~	

Name	Input Value		
AutoCntr Cnt T str	tgt AutoCntr Cnt T str		
DtrmnElapsedTime mS u32(ElapsedTime)	tgt DtrmnElapsedTime mS u32	ElapsedTime	
FiltPinTrg HwNm T f32	2.98000002		
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 Cu	urrentTime	
MotorVelCRF MtrRadpS T f32	-425		
RelHwPos HwDeg T f32	-753		
VehSpdValid_Cnt_T_lgc	0		
VehicleSpeed_Kph_T_f32	156		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	498		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	106		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	14		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	88		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	12258		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	12258		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2269150976		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4180236544		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000523999974		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.62000003e-006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	4243378688		
tgt_GetSystemTime_mS_u32_CurrentTime	3941357312		
Name	Actual Value	Expected Value	Resul
Autocenter_f32()	-1209	-1209 ± 0.1	•
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3941357312	3941357312	•
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4180236544	4180236544	•
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482	-1482 ± 0.009	•
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456	456 ± 0.0009	•
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	•
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	•

Τ					✓
Actual Function	Count	Expected Function	Count	Resu	lt
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1		~

Test Step 2.17 (Repeat Count = 1)	
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	4.2329998
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	752

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Name	Input Value		
RelHwPos HwDeg T f32	456		
VehSpdValid Cnt T Igc	1		
VehicleSpeed Kph T f32	166.977005		
tgt AutoCntr Cnt T str.MtrVel MtrRadpS f32	539		
tgt AutoCntr Cnt T str.VehSpd kph f32	116		
tgt AutoCntr Cnt T str.FiltPinTrg HwNm f32	18		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	75		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	29076		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	29076		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3533260288		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3494315776		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000525999989		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.62999993e-006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	1050692864		
tgt_GetSystemTime_mS_u32_CurrentTime	3304439296		
Name	Actual Value	Expected Value	Resul
Autocenter_f32()	2956	2956 ± 0.1	•
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3304439296	3304439296	•
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3494315776	3494315776	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753	-753 ± 0.0009	•
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500	-2500 ± 0.009	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	•
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	•
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	•

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.18 (Repeat Count = 1) Name	Input Value	
AutoCntr Cnt T str	tgt AutoCntr Cnt T str	
DtrmnElapsedTime mS u32(ElapsedTime)	tgt DtrmnElapsedTime mS u32 ElapsedTime	
FiltPinTrg HwNm T f32	6,98699999	
GetSystemTime mS u32(CurrentTime)	tat GetSystemTime mS u32 CurrentTime	
MotorVelCRF MtrRadpS T f32	-158	
RelHwPos HwDeg T f32	-3200	
VehSpdValid Cnt T Igc	0	
VehicleSpeed Kph T f32	84	
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	580	
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	126	
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	16	
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	97	
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	32821	
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	812314880	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	463842816	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000528000004	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.64000005e-006	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3039943680	
tgt_GetSystemTime_mS_u32_CurrentTime	2167769344	
Name	Actual Value Expected Value	Result
Autocenter_f32()	-5800 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2167769344 2167769344	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	463842816 463842816	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456 ± 0.0009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600 ± 0.009	✓





Name	Actual Value	Expected Value	Result
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	1	1	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.19 (Repeat Count = 1)			✓	
Name	Input Value			
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str			
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime			
FiltPinTrq_HwNm_T_f32	14.6626997			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	9		
MotorVelCRF_MtrRadpS_T_f32	753			
RelHwPos_HwDeg_T_f32	3200			
VehSpdValid_Cnt_T_lgc	1			
VehicleSpeed_Kph_T_f32	64			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	621			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	136			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	18			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	86			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	40437			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	40437			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3345084416			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1759885568			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000530000019			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.64999994e-006			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	1316564736			
tgt_GetSystemTime_mS_u32_CurrentTime	3714197504			
Name	Actual Value	Expected Value	Result	
Autocenter_f32()	5600	5600 ± 0.1	~	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3714197504	3714197504	✓	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1759885568	1759885568	~	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500 ± 0.009			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400	-2400 ± 0.009	~	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	•	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	•	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	•	
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_Igc	0	0	~	

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.20 (Repeat Count = 1)		
Name	Input Value	
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	
FiltPinTrq_HwNm_T_f32	18.2630005	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	159	
RelHwPos_HwDeg_T_f32	0	
VehSpdValid_Cnt_T_lgc	0	
VehicleSpeed_Kph_T_f32	52.3300018	
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	662	
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	146	
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	8	
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	42	

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Name	Input Value		
tgt AutoCntr Cnt T str.Timer1Thresh mS u16	2291		
tgt AutoCntr Cnt T str.Timer2Thresh mS u16	2291		
tgt AutoCntr Cnt T str.Timer1 mS u32	2704864000		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1662097408		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000531999976		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.66000006e-006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2075080192		
tgt_GetSystemTime_mS_u32_CurrentTime	3323480832		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-2800	-2800 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3323480832	3323480832	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1662097408	1662097408	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600	2600 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800	2800 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.21 (Repeat Count = 1)	Input Value			
AutoCntr Cnt T str	tgt AutoCntr Cnt T str			
DtrmnElapsedTime mS u32(ElapsedTime)	tgt DtrmnElapsedTime mS u32 ElapsedTime			
FiltPinTrg HwNm T f32	16.3782997	_Liapsea i iiie		
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 Ci	urrentTime		
MotorVelCRF MtrRadpS T f32	1100			
RelHwPos HwDeg T f32	1440.88			
VehSpdValid Cnt T lgc	1			
VehicleSpeed Kph T f32	34			
tgt AutoCntr Cnt T str.MtrVel MtrRadpS f32	124			
tgt AutoCntr Cnt T str.VehSpd kph f32	156			
tgt AutoCntr Cnt T str.FiltPinTrg HwNm f32	4			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	96			
tgt AutoCntr Cnt T str.Timer1Thresh mS u16	38868			
tgt AutoCntr Cnt T str.Timer2Thresh mS u16	38868			
tgt AutoCntr Cnt T str.Timer1 mS u32	4129141760			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2127166208			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000533999992			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.66999996e-006			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	954802432			
tgt_GetSystemTime_mS_u32_CurrentTime	71426560			
Name	Actual Value	Expected Value	Result	
Autocenter_f32()	2878.87988	2878.87988 ± 0.1	•	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	71426560	71426560		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2127166208	2127166208	•	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400	-2400 ± 0.009	•	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438	-1438 ± 0.009	•	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	•	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	•	



T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.22 (Repeat Count = 1)			•	
Name	Input Value			
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str			
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime			
FiltPinTrq_HwNm_T_f32	18			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Cu	ırrentTime		
MotorVelCRF_MtrRadpS_T_f32	-1235			
RelHwPos_HwDeg_T_f32	-1200.56006			
VehSpdValid_Cnt_T_lgc	0			
VehicleSpeed_Kph_T_f32	18			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	138			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	166			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	16			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	32			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	53970			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	53970			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	662694400			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4243378688			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000536000007			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.68000008e-006			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2728878080			
tgt_GetSystemTime_mS_u32_CurrentTime	2430672128			
Name	Actual Value	Expected Value	Resul	
Autocenter_f32()	-1953.56006	-1953.56006 ± 0.1	•	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2430672128	2430672128	•	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4243378688	4243378688	•	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800	2800 ± 0.009	•	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753	753 ± 0.0009	•	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	•	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1		
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	1	1		

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime mS u32	1	GetSvstemTime mS u32	1	

Test Step 2.23 (Repeat Count = 1)	✓
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	8
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	154
RelHwPos_HwDeg_T_f32	1885
VehSpdValid_Cnt_T_lgc	1
VehicleSpeed_Kph_T_f32	88
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	0
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	176
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	14
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	52
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	12258
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	12258
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2303132928
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1050692864
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000538000022

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Name	Input Value		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.68999997e-006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	824746752		
tgt_GetSystemTime_mS_u32_CurrentTime	2242866176		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	3873	3873 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2242866176	2242866176	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1050692864	1050692864	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438	-1438 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988	-1988 ± 0.009	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	~

T					V
Actual Function	Count	Expected Function	Count	Res	ult
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1		~

Name	Input Value			
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u3	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime		
FiltPinTrq_HwNm_T_f32	4			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_0	CurrentTime		
MotorVelCRF_MtrRadpS_T_f32	-759			
RelHwPos_HwDeg_T_f32	-1887			
VehSpdValid_Cnt_T_lgc	0			
VehicleSpeed_Kph_T_f32	76			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	700			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	186			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	12			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	41			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	20423			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	20423			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4129141760			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3039943680			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000539999979			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.7000001e-006			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	309385728			
tgt_GetSystemTime_mS_u32_CurrentTime	2269150976			
Name	Actual Value	Expected Value	Resu	
Autocenter_f32()	-3875	-3875 ± 0.1		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2269150976	2269150976		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3039943680	3039943680		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753	753 ± 0.0009		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988	1988 ± 0.009		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1		
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	1	1		

T				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~



Test Step 2.25 (Repeat Count = 1)			~
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTi	me	
FiltPinTrq_HwNm_T_f32	16		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime		
MotorVelCRF_MtrRadpS_T_f32	-1253		
RelHwPos_HwDeg_T_f32	-1753		
VehSpdValid_Cnt_T_lgc	1		
VehicleSpeed_Kph_T_f32	86.5500031		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	350		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	196		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	10		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	63		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	7034		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	7034		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2836768512		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1316564736		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000541999994		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.7099999e-006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	4164171008		
tgt_GetSystemTime_mS_u32_CurrentTime	3533260288		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-3744	-3744 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3533260288	3533260288	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1316564736	1316564736	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988	-1988 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991	1991 ± 0.009	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	•
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	~

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.26 (Repeat Count = 1)	la caracteristic de la car
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	14.1199999
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	-835
RelHwPos_HwDeg_T_f32	935
VehSpdValid_Cnt_T_lgc	0
VehicleSpeed_Kph_T_f32	96
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	88
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	0
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	2
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	88
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	29076
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	29076
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2478427648
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2075080192
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00054400001
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2000
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.72000011e-006
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	437658624

Autocenter_f32



Name	Input Value			
tgt_GetSystemTime_mS_u32_CurrentTime	812314880	812314880		
Name	Actual Value	Expected Value	Result	
Autocenter_f32()	2935	2935 ± 0.1	✓	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	812314880	812314880	✓	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2075080192	2075080192	✓	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988	1988 ± 0.009	✓	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2000	-2000 ± 0.009	✓	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	✓	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓	
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	✓	

Τ					
Actual Function	Count	Expected Function	Count	Resu	lt
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1		/

Test Step 2.27 (Repeat Count = 1)			✓	
Name	Input Value			
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str			
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime		
FiltPinTrq_HwNm_T_f32	12			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_C	urrentTime		
MotorVelCRF_MtrRadpS_T_f32	-456			
RelHwPos_HwDeg_T_f32	-888			
VehSpdValid_Cnt_T_lgc	1			
VehicleSpeed_Kph_T_f32	106			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	94			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	255			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	10			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	75			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	32821			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4180236544			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	954802432			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000546000025			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.73000001e-006			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3941357312			
tgt_GetSystemTime_mS_u32_CurrentTime	3437401088			
Name	Actual Value	Expected Value	Result	
Autocenter_f32()	-2788	-2788 ± 0.1	-	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3437401088	3437401088	~	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	954802432	954802432	-	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991	1991 ± 0.009	✓	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900	1900 ± 0.009	•	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	✓	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	✓	
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	•	

T				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.28 (Repeat Count = 1)	
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	10
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	753

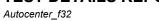




Name	Input Value		
RelHwPos_HwDeg_T_f32	425		
VehSpdValid_Cnt_T_lgc	0		
VehicleSpeed_Kph_T_f32	116		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	126		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	124		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	12		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	97		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	40437		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	40437		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3494315776		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2728878080		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000547999982		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.739999e-006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3304439296		
tgt_GetSystemTime_mS_u32_CurrentTime	3494315776		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	2325	2325 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3494315776	3494315776	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2728878080	2728878080	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000	-2000 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900	-1900 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	~

Τ				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Name	Input Value	
AutoCntr Cnt T str	tgt AutoCntr Cnt T str	
DtrmnElapsedTime mS u32(ElapsedTime)	tgt DtrmnElapsedTime mS u32 ElapsedTime	
FiltPinTrg HwNm T f32	2	
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	1199	
RelHwPos_HwDeg_T_f32	-2000	
VehSpdValid_Cnt_T_lgc	1	
VehicleSpeed_Kph_T_f32	126	
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	124	
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	136	
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	0	
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	86	
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	2291	
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	2291	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	463842816	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4164171008	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000549999997	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.75000002e-006	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2167769344	
tgt_GetSystemTime_mS_u32_CurrentTime	463842816	
Name	Actual Value Expected Value	Result
Autocenter_f32()	-518 ± 0.1	✓
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	463842816 463842816	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4164171008 4164171008	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482 ± 0.009	✓





Name	Actual Value	Expected Value	Result
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	~
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.30 (Repeat Count = 1)			✓
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_	ElapsedTime	
FiltPinTrq_HwNm_T_f32	4		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Cui	rrentTime	
MotorVelCRF_MtrRadpS_T_f32	-1299		
RelHwPos_HwDeg_T_f32	1900		
VehSpdValid_Cnt_T_lgc	0		
VehicleSpeed_Kph_T_f32	136		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	63		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	146		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	20		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	42		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	38868		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	38868		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1759885568		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3941357312		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000552000012		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.75999992e-006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3714197504		
tgt_GetSystemTime_mS_u32_CurrentTime	1759885568		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	2653	2653 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1759885568	1759885568	~
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3941357312	3941357312	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900	-1900 ± 0.009	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753	-753 ± 0.0009	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	~

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.31 (Repeat Count = 1)		✓
Name	Input Value	
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	
FiltPinTrq_HwNm_T_f32	6	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	-147	
RelHwPos_HwDeg_T_f32	-1900	
VehSpdValid_Cnt_T_lgc	1	
VehicleSpeed_Kph_T_f32	146	
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	456	
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	156	
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	15	
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	75	

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Name	Input Value		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	53970		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	53970		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1662097408		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3304439296		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000554000027		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.77000004e-006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3323480832		
tgt_GetSystemTime_mS_u32_CurrentTime	1662097408		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-2356	-2356 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1662097408	1662097408	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3304439296	3304439296	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482	-1482 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456	456 ± 0.0009	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	~

Τ				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.32 (Repeat Count = 1)				
Name	Input Value			
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32	_ElapsedTime		
FiltPinTrq_HwNm_T_f32	8			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_C	urrentTime		
MotorVelCRF_MtrRadpS_T_f32	88			
RelHwPos_HwDeg_T_f32	-1482			
VehSpdValid_Cnt_T_lgc	0			
VehicleSpeed_Kph_T_f32	156			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	566			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	166			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	8			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	97			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	0			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	13352			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2127166208			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2167769344			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000555999984			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.77999993e-006			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	71426560			
tgt_GetSystemTime_mS_u32_CurrentTime	2127166208			
Name	Actual Value	Expected Value	Resul	
Autocenter_f32()	1018	1018 ± 0.1	•	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2127166208	2127166208		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2167769344	2167769344		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753	-753 ± 0.0009		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500	-2500 ± 0.009	•	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_Igc	1	1	•	
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1		



T				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.33 (Repeat Count = 1)			→
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime		
FiltPinTrq_HwNm_T_f32	10		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_	CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	-75		
RelHwPos_HwDeg_T_f32	-753		
VehSpdValid_Cnt_T_lgc	1		
VehicleSpeed_Kph_T_f32	166		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	63		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	176		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	10		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	86		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	60000		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	21364		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4243378688		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3714197504		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000558		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.79000005e-006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2430672128		
tgt_GetSystemTime_mS_u32_CurrentTime	4243378688		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-3353	-3353 ± 0.1	•
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4243378688	4243378688	•
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3714197504	3714197504	•
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456	456 ± 0.0009	•
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600	2600 ± 0.009	•
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	•
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_Igc	1	1	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	•
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_Igc	0	0	-

Т				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.34 (Repeat Count = 1)			
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime		
FiltPinTrq_HwNm_T_f32	12		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime		
MotorVelCRF_MtrRadpS_T_f32	-900		
RelHwPos_HwDeg_T_f32	456		
VehSpdValid_Cnt_T_lgc	0		
VehicleSpeed_Kph_T_f32	176		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	10		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	186		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	12		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	42		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	18774		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	33198		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1050692864		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2894938880		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000560000015		

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Name	Input Value		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.79999995e-006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2242866176		
tgt_GetSystemTime_mS_u32_CurrentTime	1050692864		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	2856	2856 ± 0.1	✓
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1050692864	1050692864	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2894938880	2894938880	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500	-2500 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400	-2400 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.35 (Repeat Count = 1)			•	
Name	Input Value			
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str			
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_E	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime		
FiltPinTrq_HwNm_T_f32	14			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Curr	entTime		
MotorVelCRF_MtrRadpS_T_f32	800			
RelHwPos_HwDeg_T_f32	-2500			
VehSpdValid_Cnt_T_lgc	1			
VehicleSpeed_Kph_T_f32	186			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	56			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	196			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	14			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	0			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	49475			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	13352	13352		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3039943680			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2059598336			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000561999972	0.000561999972		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800	2800		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.81000007e-006			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2269150976			
tgt_GetSystemTime_mS_u32_CurrentTime	3039943680			
Name	Actual Value	Expected Value	Resul	
Autocenter_f32()	-5300	-5300 ± 0.1	•	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3039943680	3039943680	•	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2059598336	2059598336		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600	2600 ± 0.009		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800	2800 ± 0.009	•	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	•	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	•	
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	0	0		

T				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~



Test Step 2.36 (Repeat Count = 1)			✓	
Name	Input Value			
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str			
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime			
FiltPinTrq_HwNm_T_f32	16.9799995			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime			
MotorVelCRF_MtrRadpS_T_f32	-418			
RelHwPos_HwDeg_T_f32	2600			
VehSpdValid_Cnt_T_lgc	0			
VehicleSpeed_Kph_T_f32	196			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	86			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	206			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	16			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	100			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	43128			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	21364			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1316564736			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	800969984			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000563999987			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.81999996e-006			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3533260288			
tgt_GetSystemTime_mS_u32_CurrentTime	1316564736			
Name	Actual Value	Expected Value	Result	
Autocenter_f32()	4038	4038 ± 0.1	~	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1316564736	1316564736	✓	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	800969984	800969984	✓	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400	-2400 ± 0.009	✓	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438	-1438 ± 0.009	•	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	~	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓	
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	~	

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.37 (Repeat Count = 1)	✓
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	18
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	-425
RelHwPos_HwDeg_T_f32	-2400
VehSpdValid_Cnt_T_lgc	1
VehicleSpeed_Kph_T_f32	206
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	75
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	216
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	18
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	65
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	53759
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	33198
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2075080192
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	569984000
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000566000002
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.83000008e-006
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	812314880

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Name	Input Value		
tgt_GetSystemTime_mS_u32_CurrentTime	2075080192		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-3153	-3153 ± 0.1	✓
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2075080192	2075080192	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	569984000	569984000	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800	2800 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753	753 ± 0.0009	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.38 (Repeat Count = 1) Name	Input Value			
AutoCntr Cnt T str	tgt AutoCntr Cnt T str			
DtrmnElapsedTime mS u32(ElapsedTime)		tgt_Nutochit_Chi_sti		
FiltPinTrq HwNm T f32	1	_Liapseu i ii lie		
	tgt GetSystemTime mS u32 Cu	umantTime.		
GetSystemTime_mS_u32(CurrentTime) MotorVelCRF MtrRadpS T f32	752	intentrime		
RelHwPos HwDeq T f32	2800			
VehSpdValid_Cnt_T_lgc	0			
VehicleSpeed Kph T f32	216			
tgt AutoCntr Cnt T str.MtrVel MtrRadpS f32	98			
tgt AutoCntr Cnt T str.VehSpd kph f32	226			
tgt AutoCntr Cnt T str.FiltPinTrg HwNm f32	1			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	10			
tgt AutoCntr Cnt T str.Timer1Thresh mS u16	13352			
tgt AutoCntr Cnt T str.Timer2Thresh mS u16	0			
tgt AutoCntr Cnt T str.Timer1 mS u32	954802432			
tgt AutoCntr Cnt T str.Timer2 mS u32	3941357312			
tgt AutoCntr Cnt T str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1438			
tgt AutoCntr Cnt T str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000568000018			
tgt AutoCntr Cnt T str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1988			
tgt AutoCntr Cnt T str.RelHwPosFilt2SV HwDeg str.K Uls f32	2.83999998e-006			
tgt AutoCntr Cnt T str.Filter1Enable Cnt lgc	0			
tgt AutoCntr Cnt T str.Filter2Enable Cnt Igc	0			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_Igc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3345084416			
tgt_GetSystemTime_mS_u32_CurrentTime	954802432			
Name	Actual Value	Expected Value	Resul	
Autocenter_f32()	4788	4788 ± 0.1		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	954802432	954802432	•	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3941357312	3941357312		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438	-1438 ± 0.009		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988	-1988 ± 0.009	•	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	•	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	•	
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_Igc	1	1		

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.39 (Repeat Count = 1)	
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	2
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	-158

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, tate 00.1101_101			
Name	Input Value		
RelHwPos_HwDeg_T_f32	-1438		
VehSpdValid_Cnt_T_lgc	1		
VehicleSpeed_Kph_T_f32	226		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	66		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	236		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	2		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	25		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	21364		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	60000		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2728878080		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1720406272		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000569999975		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.8500001e-006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2704864000		
tgt_GetSystemTime_mS_u32_CurrentTime	2728878080		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-4038	-4038 ± 0.1	✓
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2728878080	2728878080	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1720406272	1720406272	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753	753 ± 0.0009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600	2600 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.40 (Repeat Count = 1)			~
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime		
FiltPinTrq_HwNm_T_f32	4		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime		
MotorVelCRF_MtrRadpS_T_f32	753		
RelHwPos_HwDeg_T_f32	753		
VehSpdValid_Cnt_T_lgc	0		
VehicleSpeed_Kph_T_f32	236		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	34		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	246		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	4		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	86		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	33198		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	18774		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4164171008		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2659241984		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00057199999		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.86e-006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	4129141760		
tgt_GetSystemTime_mS_u32_CurrentTime	4164171008		
Name	Actual Value Expe	cted Value	Result
Autocenter_f32()	3153 3153 ±	: 0.1	-
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4164171008 41641	71008	•
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2659241984 26592	41984	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988 -1988	± 0.009	•
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400 -2400	± 0.009	~





Name	Actual Value	Expected Value	Result
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	1	1	✓

Т					
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~	

Test Step 2.41 (Repeat Count = 1)			✓
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_Elapsed	dTime	
FiltPinTrq_HwNm_T_f32	6.65999985		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTin	ne	
MotorVelCRF_MtrRadpS_T_f32	159		
RelHwPos_HwDeg_T_f32	-1988		
VehSpdValid_Cnt_T_lgc	1		
VehicleSpeed_Kph_T_f32	246		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	2		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	84		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	6		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	56		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	21335		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	12258		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3941357312		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2942063360		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1885		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000574000005		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.86999989e-006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	662694400		
tgt_GetSystemTime_mS_u32_CurrentTime	824746752		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-4788	-4788 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	824746752	824746752	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2942063360	2942063360	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1885	1885 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800	2800 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	•
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	•
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.42 (Repeat Count = 1)		✓
Name	Input Value	
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	
FiltPinTrq_HwNm_T_f32	14	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	1100	
RelHwPos_HwDeg_T_f32	1988	
VehSpdValid_Cnt_T_lgc	0	
VehicleSpeed_Kph_T_f32	84	
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	120	
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	64	
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	14	
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	54	

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Name	Input Value		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	12258		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	26195		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3304439296		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1117112832		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00057600002		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.88000001e-006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2303132928		
tgt_GetSystemTime_mS_u32_CurrentTime	309385728		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	3426	3426 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	309385728	309385728	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1117112832	1117112832	-
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988	1988 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438	-1438 ± 0.009	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	•

Τ				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Name	Input Value			
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	tgt AutoCntr Cnt T str		
DtrmnElapsedTime mS u32(ElapsedTime)	tgt DtrmnElapsedTime mS u32 ElapsedTime			
FiltPinTrg HwNm T f32	18			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Curren	tTime		
MotorVelCRF_MtrRadpS_T_f32	-1235			
RelHwPos_HwDeg_T_f32	1991			
VehSpdValid_Cnt_T_lgc	1			
VehicleSpeed_Kph_T_f32	64			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	350			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	52			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	18			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	85			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	29076			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	43128			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2167769344			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1736795392			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000577999977			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.88999991e-006			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	4129141760			
tgt_GetSystemTime_mS_u32_CurrentTime	4164171008			
Name	Actual Value	Expected Value	Resul	
Autocenter f32()	1238	1238 ± 0.1		
tgt AutoCntr Cnt T str.Timer1 mS u32	4164171008	4164171008		
tgt AutoCntr Cnt T str.Timer2 mS u32	1736795392	1736795392		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991	1991 ± 0.009		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753	753 ± 0.0009		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0		



Τ				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.44 (Repeat Count = 1) Name	Input Value		
	The state of the s		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str tgt_DtrmnElapsedTime mS_u32_ElapsedTime		
DtrmnElapsedTime_mS_u32(ElapsedTime)		:_ElapsedTime	
FiltPinTrq_HwNm_T_f32	18	· -	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_C	urrentime	
MotorVelCRF_MtrRadpS_T_f32	154		
RelHwPos_HwDeg_T_f32	-2000		
VehSpdValid_Cnt_T_lgc	0		
VehicleSpeed_Kph_T_f32	52		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	400		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	34		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	18		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	96		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	32821		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	49475		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3714197504		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3437401088		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000579999993		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.90000003e-006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2836768512		
tgt_GetSystemTime_mS_u32_CurrentTime	437658624		
Name	Actual Value	Expected Value	Resu
Autocenter f32()	-12	-12 ± 0.1	
tgt AutoCntr Cnt T str.Timer1 mS u32	437658624	437658624	
tgt AutoCntr Cnt T str.Timer2 mS u32	3437401088	3437401088	
tgt AutoCntr Cnt T str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-2400	-2400 ± 0.009	
tgt AutoCntr Cnt T str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1988	-1988 ± 0.009	
tgt AutoCntr Cnt T str.Filter1Enable Cnt Igc	0	0	
tgt AutoCntr Cnt T str.Filter2Enable Cnt Igc	0	0	
tgt AutoCntr Cnt T str.Filter1Initialized Cnt Igc	1	1	
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	1	1	

Т				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.45 (Repeat Count = 1)	✓
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	16
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	-759
RelHwPos_HwDeg_T_f32	1900
VehSpdValid_Cnt_T_lgc	1
VehicleSpeed_Kph_T_f32	34
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	600
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	216
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	16
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	86
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	40437
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	43128
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2894938880
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3494315776
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000582000008

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Name	Input Value		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.90999992e-006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2478427648		
tgt_GetSystemTime_mS_u32_CurrentTime	3941357312		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	3338	3338 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3941357312	3941357312	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3494315776	3494315776	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800	2800 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438	-1438 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	✓

T					V
Actual Function	Count	Expected Function	Count	Resu	ılt
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1		•

Test Step 2.46 (Repeat Count = 1) Name	Input Value				
	The second secon	•			
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str				
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime				
FiltPinTrq_HwNm_T_f32	18				
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_0	Surrent I ime			
MotorVelCRF_MtrRadpS_T_f32	-1253				
RelHwPos_HwDeg_T_f32	-1900				
VehSpdValid_Cnt_T_lgc	0				
VehicleSpeed_Kph_T_f32	216				
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	200				
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	226				
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	18				
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	32				
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	2291				
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	53759				
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2059598336				
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	463842816				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000584000023				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.92000004e-006				
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1				
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1				
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0				
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1				
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	4180236544				
tgt_GetSystemTime_mS_u32_CurrentTime	3304439296				
Name	Actual Value	Expected Value	Resul		
Autocenter_f32()	-2653	-2653 ± 0.1	•		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3304439296	3304439296			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	463842816	463842816	•		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438	-1438 ± 0.009			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753	753 ± 0.0009			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_Igc	0	0			
tgt AutoCntr Cnt T str.Filter2Enable Cnt lgc	1	1			
tgt AutoCntr Cnt T str.Filter1Initialized Cnt Igc	0	0			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1			

T				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~





Test Step 2.47 (Repeat Count = 1)			✓		
Name	Input Value				
AutoCntr_Cnt_T_str	tgt AutoCntr Cnt T str				
DtrmnElapsedTime mS u32(ElapsedTime)	tgt DtrmnElapsedTime mS u32 ElapsedTime				
FiltPinTrg HwNm T f32	8	napoca i ililo			
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 Curre	entTime			
MotorVelCRF MtrRadpS T f32	-835	Sittinio			
RelHwPos HwDeg T f32	-1482				
VehSpdValid Cnt T Igc	1				
VehicleSpeed Kph T f32	226				
tgt AutoCntr Cnt T str.MtrVel MtrRadpS f32	457				
tgt AutoCntr Cnt T str.VehSpd kph f32	236				
tgt AutoCntr Cnt T str.FiltPinTrq HwNm f32	8				
tgt AutoCntr Cnt T str.CntrWindow HwDeg f32	52				
tgt AutoCntr Cnt T str.Timer1Thresh mS u16	38868				
tgt AutoCntr Cnt T str.Timer2Thresh mS u16	13352				
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	800969984				
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1759885568				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1950				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00058599998				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.92999994e-006				
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0				
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0				
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1				
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0				
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3368466432				
tgt_GetSystemTime_mS_u32_CurrentTime	2167769344				
Name	Actual Value	Expected Value	Result		
Autocenter_f32()	506	506 ± 0.1	✓		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2167769344	2167769344	✓		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1759885568	1759885568	~		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1950	1950 ± 0.009	✓		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988	-1988 ± 0.009	✓		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	✓		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	✓		

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.48 (Repeat Count = 1)	Import Value
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	4
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	-456
RelHwPos_HwDeg_T_f32	-753
VehSpdValid_Cnt_T_lgc	0
VehicleSpeed_Kph_T_f32	236
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	498
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	246
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	4
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	41
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	53970
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	21364
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	569984000
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1662097408
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1885
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000587999995
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.94000006e-006
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1
tgt DtrmnElapsedTime mS u32 ElapsedTime	170564352

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Name	Input Value		
tgt_GetSystemTime_mS_u32_CurrentTime	3714197504		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-3353	-3353 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3714197504	3714197504	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1662097408	1662097408	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1885	1885 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600	2600 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	✓

T				
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.49 (Repeat Count = 1) Name	Input Value				
AutoCntr Cnt T str	tgt AutoCntr Cnt T str				
DtrmnElapsedTime mS u32(ElapsedTime)	tgt DtrmnElapsedTime mS u32	FlansedTime			
FiltPinTrq HwNm T f32	16	_Liapsea iiiie			
GetSystemTime mS u32(CurrentTime)		tgt GetSystemTime mS u32 CurrentTime			
MotorVelCRF MtrRadpS T f32	1199				
RelHwPos HwDeq T f32	456				
VehSpdValid_Cnt_T_lgc	1				
VehicleSpeed Kph T f32	246				
tgt AutoCntr Cnt T str.MtrVel MtrRadpS f32	539				
tgt AutoCntr Cnt T str.VehSpd kph f32	123				
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	16				
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	63				
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	20423				
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	33198				
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3941357312				
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2127166208				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000590000011				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.94999995e-006				
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0				
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0				
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1				
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0				
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	625668608				
tgt_GetSystemTime_mS_u32_CurrentTime	2894938880				
Name	Actual Value	Expected Value	Result		
Autocenter_f32()	3656	3656 ± 0.1	•		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2894938880	2894938880	•		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2127166208	2127166208	•		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900	1900 ± 0.009	•		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200	-3200 ± 0.009	•		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	•		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	•		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	•		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	•		

T					
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~	

Test Step 2.50 (Repeat Count = 1)	
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	14
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	-1299

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Name	Input Value		
RelHwPos_HwDeg_T_f32	-2500		
VehSpdValid_Cnt_T_lgc	0		
VehicleSpeed_Kph_T_f32	123		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	580		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	124		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	14		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	88		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	7034		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	21335		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1720406272		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4243378688		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1887		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000592000026		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	3200		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.96000007e-006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	1711664384		
tgt_GetSystemTime_mS_u32_CurrentTime	2059598336		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-5700	-5700 ± 0.1	✓
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2059598336	2059598336	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4243378688	4243378688	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1887	-1887 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	3200	3200 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	✓

T					
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~	

Test Step 2.51 (Repeat Count = 1)			~
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime		
FiltPinTrq_HwNm_T_f32	12		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime		
MotorVelCRF_MtrRadpS_T_f32	-147		
RelHwPos_HwDeg_T_f32	2600		
VehSpdValid_Cnt_T_lgc	1		
VehicleSpeed_Kph_T_f32	124.764999		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	621		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	125		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	12		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	75		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	25532		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	53970		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2659241984		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1050692864		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1753		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000593999983		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.96999997e-006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	1568734208		
tgt_GetSystemTime_mS_u32_CurrentTime	800969984		
Name	Actual Value	expected Value	Result
Autocenter_f32()	2600 2	600 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	800969984	00969984	~
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1050692864	050692864	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1753	1753 ± 0.009	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0 0	± 0.000009	✓

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Name	Actual Value	Expected Value	Result
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	0	0	✓

T					
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~	

Test Step 2.52 (Repeat Count = 1)			✓	
Name	Input Value			
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str			
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime			
FiltPinTrq_HwNm_T_f32	10			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime			
MotorVelCRF_MtrRadpS_T_f32	88			
RelHwPos_HwDeg_T_f32	-2400			
VehSpdValid_Cnt_T_lgc	0			
VehicleSpeed_Kph_T_f32	125			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	662			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	32			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	10			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	97			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	49475			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	12258			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2942063360			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3039943680			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	935			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000595999998			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1440.88			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.98000009e-006			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	4195077888			
tgt_GetSystemTime_mS_u32_CurrentTime	569984000			
Name	Actual Value	Expected Value	Result	
Autocenter_f32()	-3840.87988	-3840.87988 ± 0.1	*	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	569984000	569984000	✓	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3039943680	3039943680	~	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	935	935 ± 0.0009	~	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1440.88	1440.88 ± 0.009	~	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	~	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	~	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	~	
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	~	

T						
Actual Function	Count	Expected Function	Count	Result		
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~		

Test Step 2.53 (Repeat Count = 1)		
Name	Input Value	
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	
FiltPinTrq_HwNm_T_f32	2	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	-75	
RelHwPos_HwDeg_T_f32	2800	
VehSpdValid_Cnt_T_lgc	1	
VehicleSpeed_Kph_T_f32	32.3300018	
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	124	
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	124	
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	2	
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	86	

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Name	Input Value		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	43128		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	29076		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1117112832		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1316564736		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000598000013		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1200.56006		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.98999998e-006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2339853824		
tgt_GetSystemTime_mS_u32_CurrentTime	3351443200		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	4000.56006	4000.56006 ± 0.1	✓
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3351443200	3351443200	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1316564736	1316564736	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888	-888 ± 0.0009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1200.56006	-1200.56006 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	✓

T						
Actual Function	Count	Expected Function	Count	Result		
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~		

Name	Input Value			
AutoCntr Cnt T str	tgt AutoCntr Cnt T str			
DtrmnElapsedTime mS u32(ElapsedTime)	tgt DtrmnElapsedTime mS u32 ElapsedTime			
FiltPinTrg HwNm T f32	4			
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 0	CurrentTime		
MotorVelCRF MtrRadpS T f32	-835			
RelHwPos HwDeg T f32	-1438			
VehSpdValid Cnt T Igc	0			
VehicleSpeed Kph T f32	124			
tgt AutoCntr Cnt T str.MtrVel MtrRadpS f32	138			
tgt AutoCntr Cnt T str.VehSpd kph f32	84			
tgt AutoCntr Cnt T str.FiltPinTrq HwNm f32	4			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	42			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	53759			
tgt AutoCntr Cnt T str.Timer2Thresh mS u16	32821			
tgt AutoCntr Cnt T str.Timer1 mS u32	1736795392			
tgt AutoCntr Cnt T str.Timer2 mS u32	2075080192			
tgt AutoCntr Cnt T str.RelHwPosFilt1SV HwDeg str.SV Uls f32	425			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000600000028			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51000006e-006			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3524313344			
tgt_GetSystemTime_mS_u32_CurrentTime	1358028288			
Name	Actual Value	Expected Value	Resul	
Autocenter_f32()	-3338	-3338 ± 0.1		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1358028288	1358028288		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2075080192	2075080192		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	425	425 ± 0.0009		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900	1900 ± 0.009	•	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	•	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	•	



T					
Actual Function	Count	Expected Function	Count	Result	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•	

Test Step 2.55 (Repeat Count = 1)			~		
Name	Input Value				
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str				
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime				
FiltPinTrq_HwNm_T_f32	6				
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime				
MotorVelCRF_MtrRadpS_T_f32	159	159			
RelHwPos_HwDeg_T_f32	753				
VehSpdValid_Cnt_T_lgc	1				
VehicleSpeed_Kph_T_f32	84				
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	86				
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	64				
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	6				
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	12				
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	13352				
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	40437				
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3437401088				
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	954802432				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-423				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000601999986				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900				
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584798				
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0				
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0				
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1				
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0				
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2108719104				
tgt_GetSystemTime_mS_u32_CurrentTime	1975593216				
Name	Actual Value	Expected Value	Result		
Autocenter_f32()	2653	2653 ± 0.1	- ✓		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1975593216	1975593216	•		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	954802432	954802432	•		
tgt AutoCntr Cnt T str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-423	-423 ± 0.0009	•		
tgt AutoCntr Cnt T str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1900	-1900 ± 0.009	•		
tgt AutoCntr Cnt T str.Filter1Enable Cnt Igc	0	0			
tgt AutoCntr Cnt T str.Filter2Enable Cnt Igc	0	0	•		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	•		
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	0	0	•		

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime mS u32	1	GetSvstemTime mS u32	1	

Test Step 2.56 (Repeat Count = 1)				
Name	Input Value			
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str			
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime			
FiltPinTrq_HwNm_T_f32	8			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime			
MotorVelCRF_MtrRadpS_T_f32	1100			
RelHwPos_HwDeg_T_f32	-1988			
VehSpdValid_Cnt_T_lgc	0			
VehicleSpeed_Kph_T_f32	64			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	539			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	52			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	8			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	53			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	21364			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	2291			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3494315776			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2728878080			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	796			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000604000001			

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Name	Input Value		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.98999998e-006		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2894938880		
tgt_GetSystemTime_mS_u32_CurrentTime	910116864		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-506	-506 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	910116864	910116864	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2728878080	2728878080	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	796	796 ± 0.0009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482	-1482 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	~

T						
Actual Function	Count	Expected Function	Count	Res	ult	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1		~	

Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32	2_ElapsedTime	
FiltPinTrq_HwNm_T_f32	10		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_C	urrentTime	
MotorVelCRF_MtrRadpS_T_f32	-1235		
RelHwPos_HwDeg_T_f32	-2400		
VehSpdValid_Cnt_T_lgc	1		
VehicleSpeed_Kph_T_f32	52		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	44		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	34		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	10		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	86		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	33198		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	38868		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	463842816		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	824746752		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000606000016		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000652000017		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2059598336		
tgt_GetSystemTime_mS_u32_CurrentTime	402713344		
Name	Actual Value	Expected Value	Resu
Autocenter_f32()	-1647	-1647 ± 0.1	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	402713344	402713344	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	824746752	824746752	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200	-3200 ± 0.009	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753	-753 ± 0.0009	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	0	0	

T				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~





Test Step 2.58 (Repeat Count = 1) Name	Input Value		
	The state of the s		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	FloreadTime	
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32	_Elapsed lime	
FiltPinTrq_HwNm_T_f32	12.9799995		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Cu	urrent i ime	
MotorVelCRF_MtrRadpS_T_f32	154		
RelHwPos_HwDeg_T_f32	1988		
VehSpdValid_Cnt_T_lgc	34		
VehicleSpeed_Kph_T_f32			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	96		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	18		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	12		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	96		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	21335		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	53970		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1759885568		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	309385728		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	3200		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000607999973		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000653999974		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	800969984		
tgt_GetSystemTime_mS_u32_CurrentTime	4178051584	1=	
Name	Actual Value	Expected Value	Resul
Autocenter_f32()	1532	1532 ± 0.1	•
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4178051584	4178051584	•
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	309385728	309385728	•
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	3200	3200 ± 0.009	•
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456	456 ± 0.0009	•
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	•
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	•
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	•
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.59 (Repeat Count = 1)	<u> </u>
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	14
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	-759
RelHwPos_HwDeg_T_f32	1991
VehSpdValid_Cnt_T_lgc	1
VehicleSpeed_Kph_T_f32	18
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	100
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	88
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	14
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	45
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	29076
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	12258
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1662097408
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4164171008
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000609999988
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000655999989
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	569984000

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Name	Input Value		
tgt_GetSystemTime_mS_u32_CurrentTime	4077829376		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	4491	4491 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4077829376	4077829376	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4164171008	4164171008	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0	0 ± 0.000009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500	-2500 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Name	Input Value		
AutoCntr Cnt T str	tgt AutoCntr Cnt T str		
DtrmnElapsedTime mS u32(ElapsedTime)	tgt DtrmnElapsedTime mS u32	ElapsedTime	
FiltPinTrq_HwNm_T_f32	16		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Cur	rentTime	
MotorVelCRF_MtrRadpS_T_f32	-1253		
RelHwPos_HwDeg_T_f32	-2400		
VehSpdValid_Cnt_T_lgc	0		
VehicleSpeed_Kph_T_f32	88		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	124		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	76		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	16		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	78		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	32821		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	20423		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2127166208		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2894938880		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1440.88		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000612000003		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000658000004		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3351443200		
tgt_GetSystemTime_mS_u32_CurrentTime	2644937728		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-5000	-5000 ± 0.1	•
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2644937728	2644937728	•
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2894938880	2894938880	•
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1440.88	1440.88 ± 0.009	•
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600	2600 ± 0.009	•
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	•
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	•
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	•

Т				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.61 (Repeat Count = 1)	✓
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	3
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	-835

Autocenter_f32

Actual Function

GetSystemTime_mS_u32

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Count Result

Name	Input Value		
RelHwPos_HwDeg_T_f32	2800		
VehSpdValid_Cnt_T_lgc	1		
VehicleSpeed_Kph_T_f32	76		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	78		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	86		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	3		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	96		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	40437		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	7034		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4243378688		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2059598336		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1200.56006		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000614000019		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00066000002		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	1358028288		
tgt_GetSystemTime_mS_u32_CurrentTime	2212175616		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	5200	5200 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2212175616	2212175616	~
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2059598336	2059598336	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1200.56006	-1200.56006 ± 0.009	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400	-2400 ± 0.009	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	~
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	0	0	✓

Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	5
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	154
RelHwPos_HwDeg_T_f32	-1438
VehSpdValid_Cnt_T_lgc	0
VehicleSpeed_Kph_T_f32	86.5999985
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	88
gt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	96
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	32
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	2291
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	29076
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1050692864
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	800969984
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1887
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51000006e-006
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000661999977
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1
gt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1
tgt DtrmnElapsedTime mS u32 ElapsedTime	1975593216

2059598336

2059598336

800969984

-4238

-1887

2800

Actual Value

Count Expected Function

GetSystemTime_mS_u32

 $tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32$

 $tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32$

 $tgt_GetSystemTime_mS_u32_CurrentTime$

 $tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32$

tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32

Name

Autocenter_f32()

Result

Expected Value

-4238 ± 0.1

2059598336

800969984

-1887 ± 0.009

2800 ± 0.009

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Name	Actual Value	Expected Value	Result
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	✓
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	1	1	✓

T				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.63 (Repeat Count = 1)			✓
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_Ela	apsedTime	
FiltPinTrq_HwNm_T_f32	9		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Curre	entTime	
MotorVelCRF_MtrRadpS_T_f32	-456		
RelHwPos_HwDeg_T_f32	1950		
VehSpdValid_Cnt_T_lgc	1		
VehicleSpeed_Kph_T_f32	96		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	94		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	106		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	9		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	52		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	38868		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3039943680		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	569984000		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1753		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584798		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000663999992		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	910116864		
tgt_GetSystemTime_mS_u32_CurrentTime	800969984		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	3388	3388 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	800969984	800969984	~
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	569984000	569984000	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1753	-1753 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438	-1438 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	~

T				~
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.64 (Repeat Count = 1)	√
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	7
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	-900
RelHwPos_HwDeg_T_f32	1885
VehSpdValid_Cnt_T_lgc	0
VehicleSpeed_Kph_T_f32	106
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	44
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	116
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	7
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	10

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Name	Input Value		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	53970		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	40437		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1316564736		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3351443200		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	935		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.9899998e-006		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000666000007		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	402713344		
tgt_GetSystemTime_mS_u32_CurrentTime	2659241984		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	1132	1132 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2659241984	2659241984	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3351443200	3351443200	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	935	935 ± 0.0009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753	753 ± 0.0009	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	~

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.65 (Repeat Count = 1)				
Name	Input Value			
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u3	2_ElapsedTime		
FiltPinTrq_HwNm_T_f32	5			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_0	CurrentTime		
MotorVelCRF_MtrRadpS_T_f32	800			
RelHwPos_HwDeg_T_f32	142			
VehSpdValid_Cnt_T_lgc	1			
VehicleSpeed_Kph_T_f32	116			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	126			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	126			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	25			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	20423			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	2291			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2075080192			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1358028288			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000750000007			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000668000022			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	0			
tgt_GetSystemTime_mS_u32_CurrentTime	2942063360			
Name	Actual Value	Expected Value	Resul	
Autocenter_f32()	2130	2130 ± 0.1		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2942063360	2942063360		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1358028288	1358028288		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888	-888 ± 0.0009	•	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988	-1988 ± 0.009		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_Igc	0	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1		
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	0	0		



Τ				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.66 (Repeat Count = 1) Name	Input Value			
	The state of the s			
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str			
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32	2_ElapsedTime		
FiltPinTrq_HwNm_T_f32	3			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_C	current I ime		
MotorVelCRF_MtrRadpS_T_f32	-418			
RelHwPos_HwDeg_T_f32	-1900			
VehSpdValid_Cnt_T_lgc	0			
VehicleSpeed_Kph_T_f32	126			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	124			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	136			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	3			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	86			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	7034			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	38868			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	954802432			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	1975593216			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	425			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000752000022			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000669999979			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	4294967295			
tgt_GetSystemTime_mS_u32_CurrentTime	4077829376			
Name	Actual Value	Expected Value	Resu	
Autocenter_f32()	500	500 ± 0.1		
tgt AutoCntr Cnt T str.Timer1 mS u32	4077829376	4077829376		
tgt AutoCntr Cnt T str.Timer2 mS u32	1975593216	1975593216		
tgt AutoCntr Cnt T str.RelHwPosFilt1SV HwDeg str.SV Uls f32	425	425 ± 0.0009		
tgt AutoCntr Cnt T str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-2400	-2400 ± 0.009		
tgt AutoCntr Cnt T str.Filter1Enable Cnt Igc	0	0		
tgt AutoCntr Cnt T str.Filter2Enable Cnt Igc	1	1		
tgt AutoCntr Cnt T str.Filter1Initialized Cnt Igc	0	0		
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	1	1		

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime mS u32	1	GetSystemTime mS u32	1	~

Test Step 2.67 (Repeat Count = 1)	▼
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	1
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	-425
RelHwPos_HwDeg_T_f32	-1482
VehSpdValid_Cnt_T_lgc	1
VehicleSpeed_Kph_T_f32	136
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	456
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	146
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	1
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	56
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	25532
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	53970
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2728878080
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	910116864
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-423
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000753999979

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Name	Input Value		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000671999995		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	255468		
tgt_GetSystemTime_mS_u32_CurrentTime	3714197504		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-3470	-3470 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3714197504	3714197504	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	910116864	910116864	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-423	-423 ± 0.0009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988	1988 ± 0.009	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	~

T					V
Actual Function	Count	Expected Function	Count	Res	ult
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1		~

Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u33	2_ElapsedTime	
FiltPinTrq_HwNm_T_f32	2		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_0	CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	752		
RelHwPos_HwDeg_T_f32	-2400		
VehSpdValid_Cnt_T_lgc	0		
VehicleSpeed_Kph_T_f32	146		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	566		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	156		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	2		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	54		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	49475		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	49475		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	824746752		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	402713344		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	796		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000755999994		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00067400001		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2167769344		
tgt_GetSystemTime_mS_u32_CurrentTime	0		
Name	Actual Value	Expected Value	Resu
Autocenter_f32()	-4391	-4391 ± 0.1	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	0	0	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	402713344	402713344	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	796	796 ± 0.0009	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991	1991 ± 0.009	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	

T				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~



Test Step 2.69 (Repeat Count = 1)			. •
Name	Input Value		_
AutoCntr_Cnt_T_str	tgt AutoCntr Cnt T str		
DtrmnElapsedTime mS u32(ElapsedTime)	tgt_Autochii_chi_1_sti	Time	
FiltPinTrq HwNm T f32	5.5	Time	
GetSystemTime mS u32(CurrentTime)	tqt GetSystemTime mS u32 CurrentTim	20	
MotorVelCRF MtrRadpS T f32	-158	ie	
RelHwPos HwDeg T f32	1988		
VehSpdValid Cnt T lgc	1		
VehicleSpeed Kph T f32	156.600006		
tgt AutoCntr Cnt T str.MtrVel MtrRadpS f32	75		
tgt AutoCntr Cnt T str.VehSpd kph f32	166		
tgt_AutoCntr_Cnt_T_str.verispo_kpri_is2 tgt_AutoCntr_Cnt_T_str.Verispo_kpri_is2	5		
tgt_AutoCntr_Cnt_T_str.Fntr=iff1d_HwNin_132 tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	85		
tgt_AutoCntr_Cnt_T_str.CntrVrindow_nwDeg_132 tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	43128		
tgt_AutoCntr_Cnt_T_sut.TimerTThresh_mS_u16	43128		
	309385728		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4178051584		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32 tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1456		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000758000009		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000676000025		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3714197504		
tgt_GetSystemTime_mS_u32_CurrentTime	4294967295		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	4388	4388 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4294967295	4294967295	~
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4178051584	4178051584	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1456	1456 ± 0.009	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400	-2400 ± 0.009	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 2.70 (Repeat Count = 1)	1 111
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	4
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	1100
RelHwPos_HwDeg_T_f32	1991
VehSpdValid_Cnt_T_lgc	0
VehicleSpeed_Kph_T_f32	166
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	10
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	176
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	4
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	96
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	21364
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	21364
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4164171008
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4077829376
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-758
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000760000024
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1887
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000677999982
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1
tgt DtrmnElapsedTime mS u32 ElapsedTime	3323480832

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Autocenter_f32

Name	Input Value		
tgt_GetSystemTime_mS_u32_CurrentTime	255468		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	3878	3878 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	255468	255468	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4077829376	4077829376	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-758	-758 ± 0.0009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1887	-1887 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_Igc	1	1	

Т					✓
Actual Function	Count	Expected Function	Count	Resu	lt
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1		✓

Test Case 3: Path Test

Specification

Performance Metrics: (With "None" Instrum Instrumentation and "WithPS"

Environment)

TS3.1 1885.00 Cycles TS3.2 1257.00 Cycles TS3.3 1767.00 Cycles TS3.4 1844.00 Cycles TS3.5 1176.00 Cycles TS3.6 1791.00 Cycles TS3.7 747.00 Cycles

TS3.9 676.00 Cycles TS3.10 676.00 Cycles

Description Vector Description:

TS3.1"((Abs_f32_m(MotorVelCRF_MtrRadpS_T_f32) <= AutoCntr_Cnt_T_str->MtrVel_MtrRadpS_f32) && (VehicleSpeed_Kph_T_f32 >= AutoCntr_Cnt_T_str->VehSpd_kph_f32) && (VehSpdValid_Cnt_T_lgc == D_TRUE_CNT_LGC) && (VehSpdValid_Cnt_T_lgc == D_TRUE_CNT_LGC) && (AbsFiltPinTrq_HwNm_T_f32 <= (AutoCntr_Cnt_T_str->FiltPinTrq_HwNm_f32)))=True ((AutoCntr_Cnt_T_str->Filter1Enable_Cnt_lgc == D_FALSE_CNT_LGC) && (Timer1Elapsed_mS_T_u32 >= AutoCntr_Cnt_T_str->Timer1Thresh_mS_u16))=True (AutoCntr_Cnt_T_str->Filter1Initialized_Cnt_lgc == D_FALSE_CNT_LGC)=False (AutoCntr_Cnt_T_str->Filter1Enable_Cnt_lgc == D_TRUE_CNT_LGC)=True (Abs_f32_m(RelHwPos_HwDeg_T_f32 - AutoCntr_Cnt_T_str->RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32) <= AutoCntr_Cnt_T_str->CntTWindow_HwDeg_f32)=True ((AutoCnt_Cnt_T_str->Filter2Enable_Cnt_lgc == D_FALSE_CNT_LGC) && (Timer2Elapsed_mS_T_u32 >= AutoCntr_Cnt_T_str->Timer2Thresh_mS_u16))=True

((AutoCntr_Cnt_I_str->Filter2Enable_Cnt_igc == D_FALSE_CNI_LGC) &&
(Timer2Elapsed_mS_T_u32 >= AutoCntr_Cnt_T_str->Timer2Thresh_mS_u16)) = True
(AutoCntr_Cnt_T_str->Filter2Initialized_Cnt_igc == D_FALSE_CNT_LGC)=False
(AutoCntr_Cnt_T_str->Filter2Enable_Cnt_igc == D_TRUE_CNT_LGC)=True"
TS3.2"((AutoCntr_Cnt_T_str->Filter1Enable_Cnt_igc == D_FALSE_CNT_LGC) &&
(Timer1Elapsed_mS_T_u32 >= AutoCntr_Cnt_T_str->Timer1Thresh_mS_u16)) = False"
TS3.3(AutoCntr_Cnt_T_str->Filter1Initialized_Cnt_igc == D_FALSE_CNT_LGC) = True
TS3.4"(Abs_f32_m(RelHwPos_HwDeg_T_f32 - AutoCntr_Cnt_T_str->RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32) <= AutoCntr_Cnt_T_str->CnttMicrow_HwDeg_f32) = False TS3.4"(Abs_f32_m(RelHwPos_HwDeg_T_f32 - AutoCntr_Cnt_T_str->RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32)

>CntrWindow_HwDeg_f32)=False

(AutoCntr_Cnt_T_str->Filter2Enable_Cnt_lgc == D_TRUE_CNT_LGC)=False"

TS3.5"((AutoCntr_Cnt_T_str->Filter2Enable_Cnt_lgc == D_FALSE_CNT_LGC) &&

(Timer2Elapsed_mS_T_u32 >= AutoCntr_Cnt_T_str->Timer2Thresh_mS_u16))=False"

TS3.6(AutoCntr_Cnt_T_str->Filter2Initialized_Cnt_lgc == D_FALSE_CNT_LGC)=True

TS3.6(AutoCntr_Cnt_T_str->Filter2Initialized_Cnt_lgc == D_FALSE_CNT_LGC)=True

TS3.6(AutoCntr_Cnt_T_str->Filter2Initialized_Cnt_lgc == D_FALSE_CNT_LGC)=True

(VehicleSpeed_Kph_T_f32 >= AutoCntr_Cnt_T_str->VehSpd_kph_f32) = True&&

(VehSpdValid_Cnt_T_lgc == D_TRUE_CNT_LGC) = True&&

(AbsFiltPinTrq_HwNm_T_f32 <= (AutoCntr_Cnt_T_str->FiltPinTrq_HwNm_f32))=False)"

TS3.8"((AutoCntr_Cnt_T_str->Filter2Enable_Cnt_lgc == D_FALSE_CNT_LGC)=True&&

(Timer2Elapsed_mS_T_u32 >= AutoCntr_Cnt_T_str->Timer2Thresh_mS_u16) = False)"

TS3.9"((AutoCntr_Cnt_T_str->Filter1Enable_Cnt_lgc == D_FALSE_CNT_LGC) = True&&

(Timer1Elapsed_mS_T_u32 >= AutoCntr_Cnt_T_str->Timer1Thresh_mS_u16) = False)"

TS3.10"((Abs_f32_m(MotorVelCRF_MtrRadpS_T_f32) <= AutoCnt_Cnt_T_str->MtrVel_MtrRadpS_f32) = True&&

(VehicleSpeed_Kph_T_f32 >= AutoCntr_Cnt_T_str->FiltPinTrq_HwNm_f32)))"

Test Step 3.1 (Repeat Count = 1)		
Name	Input Value	
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	
FiltPinTrq_HwNm_T_f32	5	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	0	
RelHwPos_HwDeg_T_f32	-888	
VehSpdValid_Cnt_T_lgc	1	
VehicleSpeed Kph T f32	216	



Name	Input Value		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	120		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	34		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	85		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	53759		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1050692864		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3533260288		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000503999996		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000503999996		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3437401088		
tgt_GetSystemTime_mS_u32_CurrentTime	954802432		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-1312.33826	-1312.33826 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1050692864	1050692864	~
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	954802432	954802432	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888	-888 ± 0.0009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	424.338257	424.338257 ± 0.0009	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	~

T				
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	✓

Test Step 3.2 (Repeat Count = 1)			V
Name	Input Value		
AutoCntr Cnt T str	tgt AutoCntr Cnt T str		
DtrmnElapsedTime mS u32(ElapsedTime)	tgt DtrmnElapsedTime mS u32 ElapsedT	ime	
FiltPinTrq_HwNm_T_f32	5		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime		
MotorVelCRF_MtrRadpS_T_f32	0		
RelHwPos_HwDeg_T_f32	-888		
VehSpdValid_Cnt_T_lgc	1		
VehicleSpeed_Kph_T_f32	216		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	120		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	34		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	85		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	53759		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3039943680		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	812314880		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000506000011		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000506000011		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3437401088		
tgt_GetSystemTime_mS_u32_CurrentTime	954802432		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-1312.33569	-1312.33557 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3039943680	3039943680	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	812314880	812314880	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888	-888 ± 0.0009	•
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	424.335632	424.335632 ± 0.0009	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	✓

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Name	Actual Value	Expected Value	Result
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	~
tot AutoCntr Cnt T str Filter2Initialized Cnt Ioc	1	1	_

Τ				V
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	2	DtrmnElapsedTime_mS_u32	2	~

Name	Input Value			
AutoCntr Cnt T str	tgt AutoCntr Cnt T str			
DtrmnElapsedTime mS u32(ElapsedTime)	tgt DtrmnElapsedTime mS u32	tgt DtrmnElapsedTime mS u32 ElapsedTime		
FiltPinTrq HwNm T f32	5			
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Cu	rrentTime		
MotorVelCRF_MtrRadpS_T_f32	0			
RelHwPos_HwDeg_T_f32	-888			
VehSpdValid_Cnt_T_lgc	1			
VehicleSpeed_Kph_T_f32	216			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	120			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	34			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	85			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	53759			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1316564736			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3345084416			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000508000026			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000508000026			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3437401088			
tgt_GetSystemTime_mS_u32_CurrentTime	954802432			
Name	Actual Value	Expected Value	Resul	
Autocenter_f32()	-1312.33301	-1312.33301 ± 0.1	•	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1316564736	1316564736	•	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	954802432	954802432		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888	-888 ± 0.0009	•	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	424.333008	424.333008 ± 0.0009	•	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	•	
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1		

Τ					
Actual Function	Count	Expected Function	Count	Result	
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~	
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~	

Test Step 3.4 (Repeat Count = 1)		✓
Name	Input Value	
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	
FiltPinTrq_HwNm_T_f32	5	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	0	
RelHwPos_HwDeg_T_f32	-888	
VehSpdValid_Cnt_T_lgc	1	
VehicleSpeed_Kph_T_f32	216	
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	120	
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	34	
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5	



Name	Input Value		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	85		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	53759		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2075080192		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2704864000		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	888		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000509999983		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000509999983		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3437401088		
tgt_GetSystemTime_mS_u32_CurrentTime	954802432		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-1313	-1313 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2075080192	2075080192	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	954802432	954802432	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	887.094238	887.094238 ± 0.0009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425	425 ± 0.0009	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	✓

T					
Actual Function	Count	Expected Function	Count	Result	
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~	
GetSystemTime_mS_u32	2	GetSystemTime_mS_u32	2	~	

Test Step 3.5 (Repeat Count = 1)			✓	
Name	Input Value			
AutoCntr_Cnt_T_str	tgt AutoCntr Cnt T str			
DtrmnElapsedTime mS u32(ElapsedTime)	tgt DtrmnElapsedTime mS u32 Elapsed			
FiltPinTrq HwNm T f32	5			
GetSystemTime mS u32(CurrentTime)	tgt GetSystemTime mS u32 CurrentTime	е		
MotorVelCRF_MtrRadpS_T_f32	0			
RelHwPos_HwDeg_T_f32	-888			
VehSpdValid_Cnt_T_lgc	1			
VehicleSpeed_Kph_T_f32	216			
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	120			
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	34			
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5			
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	53759			
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	85			
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821			
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2167769344			
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	954802432			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000511999999			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425			
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000511999999			
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1			
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1			
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3437401088			
tgt_GetSystemTime_mS_u32_CurrentTime	954802432			
Name	Actual Value	Expected Value	Result	
Autocenter_f32()	-1312.32776	-1312.32776 ± 0.1	~	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2167769344	2167769344	✓	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	954802432	954802432	~	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888	-888 ± 0.0009	✓	
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	424.327759	424.327759 ± 0.0009	~	
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	✓	
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	✓	
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓	
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	✓	



T				V
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	2	DtrmnElapsedTime_mS_u32	2	-

Test Step 3.6 (Repeat Count = 1)			✓
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt DtrmnElapsedTime mS u32 ElapsedTime		
FiltPinTrq_HwNm_T_f32	5		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime		
MotorVelCRF_MtrRadpS_T_f32	0		
RelHwPos_HwDeg_T_f32	-888		
VehSpdValid_Cnt_T_lgc	1		
VehicleSpeed_Kph_T_f32	216		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	120		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	34		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	53759		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	85		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2728878080		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	662694400		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000514000014		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000514000014		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3437401088		
tgt_GetSystemTime_mS_u32_CurrentTime	954802432		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	0	0 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	2728878080	2728878080	~
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	954802432	954802432	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888	-888 ± 0.0009	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-888	-888 ± 0.0009	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	~
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	~

Τ					
Actual Function	Count	Expected Function	Count	Result	
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~	
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	✓	
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~	

Test Step 3.7 (Repeat Count = 1)		~
Name	Input Value	
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str	
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	
FiltPinTrq_HwNm_T_f32	15	
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	63	
RelHwPos_HwDeg_T_f32	-1753	
VehSpdValid_Cnt_T_lgc	1	
VehicleSpeed_Kph_T_f32	186	
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	66	
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	84	
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5	
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	43128	
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	86	
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	53970	
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	824746752	
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2303132928	

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Name	Input Value		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1887		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000515999971		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1753		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000515999971		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	2942063360		
tgt_GetSystemTime_mS_u32_CurrentTime	3039943680		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	0	0 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	3039943680	3039943680	~
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2303132928	2303132928	~
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1887	-1887 ± 0.009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1753	-1753 ± 0.009	~
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	1	1	•
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0	0	~

T				~
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

Test Step 3.8 (Repeat Count = 1)			✓
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_Ela	apsedTime	
FiltPinTrq_HwNm_T_f32	5		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_Currer	ntTime	
MotorVelCRF_MtrRadpS_T_f32	0		
RelHwPos_HwDeg_T_f32	-888		
VehSpdValid_Cnt_T_lgc	1		
VehicleSpeed_Kph_T_f32	216		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	120		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	34		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	53759		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	85		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	309385728		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	4129141760		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000517999986		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000517999986		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	500		
tgt_GetSystemTime_mS_u32_CurrentTime	954802432		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-1313	-1313 ± 0.1	✓
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	309385728	309385728	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	954802432	954802432	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888	-888 ± 0.0009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425	425 ± 0.0009	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	

T				V
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	•
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~



Test Step 3.9 (Repeat Count = 1)			✓
Name	Input Value		
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str		
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u	32_ElapsedTime	
FiltPinTrq_HwNm_T_f32	5		
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_	CurrentTime	
MotorVelCRF_MtrRadpS_T_f32	0		
RelHwPos_HwDeg_T_f32	-888		
VehSpdValid_Cnt_T_lgc	1		
VehicleSpeed_Kph_T_f32	216		
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	120		
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	34		
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5		
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	85		
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	40000		
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821		
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4164171008		
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2836768512		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000520000001		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425		
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000520000001		
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	30000		
tgt_GetSystemTime_mS_u32_CurrentTime	954802432		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-1313	-1313 ± 0.1	✓
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	4164171008	4164171008	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	2836768512	2836768512	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888	-888 ± 0.0009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425	425 ± 0.0009	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	1	1	✓
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	1	1	~

T				V
Actual Function	Count	Expected Function	Count	Result
DtrmnElapsedTime_mS_u32	1	DtrmnElapsedTime_mS_u32	1	~

Test Step 3.10 (Repeat Count = 1)	✓
Name	Input Value
AutoCntr_Cnt_T_str	tgt_AutoCntr_Cnt_T_str
DtrmnElapsedTime_mS_u32(ElapsedTime)	tgt_DtrmnElapsedTime_mS_u32_ElapsedTime
FiltPinTrq_HwNm_T_f32	5
GetSystemTime_mS_u32(CurrentTime)	tgt_GetSystemTime_mS_u32_CurrentTime
MotorVelCRF_MtrRadpS_T_f32	0
RelHwPos_HwDeg_T_f32	-888
VehSpdValid_Cnt_T_lgc	0
VehicleSpeed_Kph_T_f32	216
tgt_AutoCntr_Cnt_T_str.MtrVel_MtrRadpS_f32	120
tgt_AutoCntr_Cnt_T_str.VehSpd_kph_f32	34
tgt_AutoCntr_Cnt_T_str.FiltPinTrq_HwNm_f32	5
tgt_AutoCntr_Cnt_T_str.CntrWindow_HwDeg_f32	85
tgt_AutoCntr_Cnt_T_str.Timer1Thresh_mS_u16	53759
tgt_AutoCntr_Cnt_T_str.Timer2Thresh_mS_u16	32821
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	1316564736
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3345084416
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000508000026
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000508000026
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0

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Name	Input Value		
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0		
tgt_AutoCntr_Cnt_T_str.Filter2Initialized_Cnt_lgc	0		
tgt_DtrmnElapsedTime_mS_u32_ElapsedTime	3437401088		
tgt_GetSystemTime_mS_u32_CurrentTime	954802432		
Name	Actual Value	Expected Value	Result
Autocenter_f32()	-1313	-1313 ± 0.1	~
tgt_AutoCntr_Cnt_T_str.Timer1_mS_u32	954802432	954802432	✓
tgt_AutoCntr_Cnt_T_str.Timer2_mS_u32	3345084416	3345084416	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888	-888 ± 0.0009	✓
tgt_AutoCntr_Cnt_T_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425	425 ± 0.0009	✓
tgt_AutoCntr_Cnt_T_str.Filter1Enable_Cnt_lgc	0	0	✓
tgt_AutoCntr_Cnt_T_str.Filter2Enable_Cnt_lgc	0	0	~
tgt_AutoCntr_Cnt_T_str.Filter1Initialized_Cnt_lgc	0	0	✓
tgt AutoCntr Cnt T str.Filter2Initialized Cnt Igc	0	0	✓

Τ				V
Actual Function	Count	Expected Function	Count	Result
GetSystemTime_mS_u32	1	GetSystemTime_mS_u32	1	~

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VehDyn_Trns1



Project	VehDyn
Module	VehDyn
Test Object	VehDyn_Trns1

Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Branch (C1) Coverage	100 %
MCC Coverage	100 %
MC/DC Coverage	100 %

Statistics

Total Testcases	3	
Successful	3	✓
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\VehDyn
Configuration File	D:\Synergy_Work_Area\VehDyn\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\VehDyn\src\Ap_VehDyn.c
Compiler Options	-D_DATA_ACCESS=-Dconst=-Dstatic=-Dexpf=exp-I\$(PROJECTROOT)\VehDyn\utp\contract\Ap_VehDyn -I\$(PROJECTROOT)\VehDyn \utp\contract -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools \compiler\tms470\include

lame	Text
lodule 'VehDyn'	**************************************
	Name of Tester:Sunita Kore Code File(s) Under Test:Ap_VehDyn.c Code File(s) Version:3 Module Design Document:VehDyn_MDD.docx Module Design Document Version:4 Data Dictionary Version:5 Unit Test Plan Version:2 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes):188 Total RAM Used (Bytes):188 Total CALS Used (Bytes):107 Special Test Requirements:
	Test Date:9/19/2014 Comments:"NOTE1: Inline function defined in ""GlobalMacro.h"" are not unit tested.
	NOTE2: ""CBD_Sandbox_dbg.map"" map file is embedded for refernce.
	NOTE3:Regarding DD Modification:- DD: Received Version: 4 Modified version: 5 Range of variables "VehDyn_MinOffset_HwDeg_M_f32" and "VehDyn_MaxOffset_HwDeg_M_f32" are updated in DD with highlighted portion.
	-

Attributes	
Name	Value
Compiler Install Path	<pre>\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5</pre>
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src

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VehDyn_Trns1



Attributes	
Name	Value
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl
Target Install Path	<pre>\$(ProgramFiles)\pls\UDE 3.2</pre>
Time Unit	Cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\VehDyn\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Metrics Test

Specification

Performance Metrics: (With "None" Instrumentation and "WithPS" Environment)

TS1.1 588.00 Cycles Shortest Execution Path TS1.2 590.00 Cycles Longest Execution Path

Vector Description: Description

 $TS1.1Shortest\ Execution\ Path=>(HandWheelAuth_Uls_T_f32>=k_SLPMinHwAuthToStoreHwPos_Uls_f32)=TRUE\ TS1.2Longest\ Execution\ Path=>(HandWheelAuth_Uls_T_f32>=k_SLPMinHwAuthToStoreHwPos_Uls_f32)=FALSE\ TS1.2Longest\ Execution\ Path=>(HandWheelAuth_Uls_T_f32>=k_SLPMinHwAuthToStoreHwPos_Uls_f32)=FALSE\ TS1.2Longest\ Execution\ Path=>(HandWheelAuth_Uls_T_f32>=k_SLPMinHwAuthToStoreHwPos_Uls_f32)=FALSE\ TS1.2Longest\ Execution\ Path=>(HandWheelAuth_Uls_T_f32)=FALSE\ TS1.2Longest\ Execution\ Path=>(HandWheelAuth_F32)=FALSE\ TS1.2Longest\ Execution\ Path=>(Ha$

Test Step 1.1 (Repeat Count = 1)			~
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_h	lwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	-1600		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	1	-
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-1600	-1600	-

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	~

Test Step 1.2 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0.291999996		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	778.25		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0	0	~
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	0	0	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	~



Test Case 2: Boundary Test

Specification

Performance Metrics: (With "None" Instrumentation and "WithPS" Environment)

CPU Cycles:

TS2.1 599.00 Cycles
TS2.2 534.00 Cycles
TS2.3 534.00 Cycles
TS2.3 534.00 Cycles
TS2.4 534.00 Cycles
TS2.5 534.00 Cycles
TS2.6 534.00 Cycles
TS2.7 534.00 Cycles
TS2.8 580.00 Cycles
TS2.9 534.00 Cycles
TS2.10 534.00 Cycles
TS2.11 534.00 Cycles
TS2.12 580.00 Cycles
TS2.12 580.00 Cycles
TS2.13 534.00 Cycles

Vector Description: Description

TS2.1All Min TS2.2All Max

TS2.2All Max
TS2.3HandwheelPosition_HwDeg_f32 = Min
TS2.4HandwheelPosition_HwDeg_f32 = Max
TS2.5HandwheelPosition_HwDeg_f32 = Zero
TS2.6HandwheelPosition_HwDeg_f32 = Zero
TS2.6HandwheelPosition_HwDeg_f32 = Pos
TS2.7HandwheelPosition_HwDeg_f32 = Neg
TS2.8HwAuth_Uls_f32 = Min
TS2.9HwAuth_Uls_f32 = Miax
TS2.10HwAuth_Uls_f32 = Pos
TS2.11k_SLPMinHwAuthToStoreHwPos_Uls_f32 = Min
TS2.12k_SLPMinHwAuthToStoreHwPos_Uls_f32 = Max
TS2.13k_SLPMinHwAuthToStoreHwPos_Uls_f32 = Pos

Test Step 2.1 (Repeat Count = 1)			V
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	-1600		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	1	~
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-1600	-1600	✓

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte Call Ap VehDvn NVM VehDvnReset Srv WriteBlock	1	Rte Call Ap VehDvn NVM VehDvnReset Srv WriteBlock	1	_

Test Step 2.2 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	1		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition	n_HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2	2	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	1600		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	1		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	1	~
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1600	1600	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	~

Test Step 2.3 (Repeat Count = 1)	✓
Name	Input Value
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0.112000003
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2

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Name	Input Value		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	-1600		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0.986999989		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	1	~
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-1600	-1600	✓

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	~

Test Step 2.4 (Repeat Count = 1)			~
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0.148000002		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_I	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	1600		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0.976800025		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	1	-
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	1600	1600	✓

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	~

Test Step 2.5 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0.184		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	0		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0.966600001		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	1	~
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	0	0	~

T				V
Actual Function	Count	Expected Function	Count	Result
Rte Call Ap VehDyn NVM VehDynReset Srv WriteBlock	1	Rte Call Ap VehDyn NVM VehDynReset Srv WriteBlock	1	~

Test Step 2.6 (Repeat Count = 1)			Ť
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0.219999999		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_	_HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	1458.12		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0.956399977		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	1	•
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	1458.12	1458.12	₩

				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	•



Test Step 2.7 (Repeat Count = 1)			
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0.256000012		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_I	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	-145.25		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0.946200013		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	1	~
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-145.25	-145.25	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	~

Test Step 2.8 (Repeat Count = 1)			
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0.291999996		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_I	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	778.25		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0	0	~
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	0	0	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	~

Test Step 2.9 (Repeat Count = 1)			
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_Uls_f32	0.328000009		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_I	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	-887.200012		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	1		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	1	~
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-887.200012	-887.200012	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte Call Ap VehDyn NVM VehDynReset Srv WriteBlock	1	Rte Call Ap VehDyn NVM VehDynReset Srv WriteBlock	1	~



Test Step 2.10 (Repeat Count = 1)			
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0.363999993		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_h	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	989.140015		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0.915600002		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	1	~
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	989.140015	989.140015	~

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	~

Test Step 2.11 (Repeat Count = 1)			
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	-1014.15399		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0.905399978		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	1	-
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-1014.15399	-1014.15399	V

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	~

Test Step 2.12 (Repeat Count = 1)			_
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	1		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_l	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	-245.100006		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0.895200014		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0	0	~
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	0	0	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	~

Test Step 2.13 (Repeat Count = 1)			
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0.472000003		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelP	osition_HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_	_f32_2	
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	893.23999		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0.88499999		
Name	Actual Value	Expected Value	Result
target Pim MotPosReset.NVMStoredLastPosValid Cnt Igc	1	1	•

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VehDyn_Trns1

Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	893.23999	893.23999	~

T				~
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	~

Test Case 3: Path Test

Specification

Performance Metrics: (With "None" Instrumentation and "WithPS" Environment)

CPU Cycles: TS3.1 599.00 Cycles TS3.2 580.00 Cycles

Description

Vector Description:

Test Step 3.1 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_I	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	-1600		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	1	1	~
target_Pim_MotPosReset.NVMStoredLastPos_HwDeg_f32	-1600	-1600	~

Τ		V		
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	~

Test Step 3.2 (Repeat Count = 1)			
Name	Input Value		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn_2		
k_SLPMinHwAuthToStoreHwPos_UIs_f32	0.291999996		
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HandwheelPosition_HwDeg_f32	target_VehDyn_Trns1_HandwheelPosition_	HwDeg_f32_2	
target_Rte_Inst_Ap_VehDyn_2.VehDyn_Trns1_HwAuth_Uls_f32	target_VehDyn_Trns1_HwAuth_Uls_f32_2		
target_Rte_Inst_Ap_VehDyn_2.Pim_MotPosReset	target_Pim_MotPosReset		
target_VehDyn_Trns1_HandwheelPosition_HwDeg_f32_2.value	778.25		
target_VehDyn_Trns1_HwAuth_Uls_f32_2.value	0		
Name	Actual Value	Expected Value	Result
target_Pim_MotPosReset.NVMStoredLastPosValid_Cnt_lgc	0	0	-
target Pim MotPosReset.NVMStoredLastPos HwDeg f32	0	0	■

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	Rte_Call_Ap_VehDyn_NVM_VehDynReset_Srv_WriteBlock	1	~

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VehDyn_Per1

 Project
 VehDyn

 Module
 VehDyn

 Test Object
 VehDyn_Per1

Statistics

Total Testcases	3

Module Properties

Project Root Directory	D:\Synergy_Work_Area\VehDyn
Configuration File	D:\Synergy_Work_Area\VehDyn\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\VehDyn\src\Ap_VehDyn.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -Dexpf=exp -l\$(PROJECTROOT)\VehDyn\utp\contract\Ap_VehDyn -l\$(PROJECTROOT)\VehDyn \utp\contract -l\$(PROJECTROOT)\NxtrLib\include -l\$(PROJECTROOT)\StdDef\include -l\$(ProgramFiles)\Texas Instruments\ccsv4\tools \compiler\tms470\include

lame	Text
lodule 'VehDyn'	**************************************
	Name of Tester:Sunita Kore Code File(s) Under Test:Ap_VehDyn.c Code File(s) Version:3
	Module Design Document:VehDyn_MDD.docx Module Design Document Version:4
	Data Dictionary Version:5 Unit Test Plan Version:2
	Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro
	Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes):2054
	Total RAM Used (Bytes):188 Total CALS Used (Bytes):107
	Special Test Requirements: Test Date:9/19/2014
	Comments:"NOTE1: Inline function defined in ""GlobalMacro.h"" are not unit tested.
	NOTE2: ""CBD_Sandbox_dbg.map"" map file is embedded for refernce.
	NOTE3:Regarding DD Modification:- DD:
	Received Version: 4 Modified version: 5 Range of variables "VehDyn_MinOffset_HwDeg_M_f32" and "VehDyn_MaxOffset_HwDeg_M_f32" are updated in DD with highlighted portion.
	•

Attributes	Attributes		
Name	Value		
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5		
Float Precision	9		
InitObjDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj</pre>		
InitSrcDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\src</pre>		
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>		
Makefile Template	<pre>\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl</pre>		
Target Install Path	<pre>\$(ProgramFiles)\pls\UDE 3.2</pre>		
Time Unit	Cycles		
Timer Enabled	false		
Timer Prescale	0		
Timer Resolution	1		
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg		
Workspace File	D:\Synergy_Work_Area\VehDyn\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP		



Test Case 1: Metrics Test

Specification

Performance Metrics: (With "None" Instrumentation and "WithPS" Environment)

TS1.1 2517.00 Cycles Shortest Execution Path TS1.2 5302.00 Cycles Longest Execution Path

Description Vector Description:

Name	Input Value
OtrmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	200.100006
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	156.100006
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.099999
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow HwDeg f32	42.099985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	7034
/ehDyn_AutoCntrDetSpd_M_str.TimerThresh_mS_u16	39056
/ehDyn_AutoCntrDetSpd_M_str.Timer2Trilesn_ins_u10 /ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631
· - ·	274107514
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.1001
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51000006e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000650000002
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	125.099998
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	124.5
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	3.79999995
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	10.5
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	49475
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	38708
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2160073393
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892861
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1950.09998
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000449999992
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000780000002
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	200.100006
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156.100006
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.4000001
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	42.0999985
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	7034
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	39056
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631
/ehDyn AutoCntrLoSpd M str.Timer2 mS u32	274107514

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Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.1001
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.4999994e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000650000002
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-2840
VehDyn_MinOffset_HwDeg_M_f32	-1439.15405
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.80000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00025099999
VehDyn_SLPHwAuth_Uls_M_f32	0.986999989
VehDyn_SLPHwPos_HwDeg_M_f32	-1589.15002 1
k_HiSpdVDAuthority_UIs_f32	0.330000013
k_LoSpdVDAuthority_UIs_f32 k_SysKinRatio_MtrDegpHwDeg_f32	10.0200005
k_TravelXCDeadband_Uls_f32	1.25
k_TraveIXCHwAuthority_Uls_f32	0.0153999999
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1720406272
target GetSystemTime mS u32 CurrentTime	4243378688
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target VehDyn Per1 CwEOT HwDeg f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target VehDyn Per1 MotorVelCRF MtrRadpS f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1438.15002
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	375.23999
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.10000038
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1350
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1600
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	0
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	274107514
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	-2400.1001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn AutoCntrDetSpd M str.Filter1mitialized Cnt Igc	1
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	4243378688
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1950.09998 ± 0.009
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-3200 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	274107514
venbyn_nateenateepa_w_st. ninerz_me_dez	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.1001 ± 0.009
	-2400.1001 ± 0.009 -1482.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	-1482.09998 ± 0.009 1 0 0
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	-1482.09998 ± 0.009 1 0 0
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	-1482.09998 ± 0.009 1 0 0 1 1
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	-1482.09998 ± 0.009 1 0 0 1 1 1 1
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	-1482.09998 ± 0.009 1 0 0 1 1 1 1 1
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	-1482.09998 ± 0.009 1 0 0 1 1 1 1





Name	Expected Value
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.7955575 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1600 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

lame	Input Value
	•
htmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	0
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	0
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	0
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	0
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	0
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	0
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51000006e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51000006e-006
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	0
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	0
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	0
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	0
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	0
/ehDyn AutoCntrHiSpd M str.Timer1 mS u32	0
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51000006e-006
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200
	2.51000006e-006
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51000000e-000
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	0
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	0
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	19
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	0
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	0
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	0
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51000006e-006
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51000006e-006
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	0
ehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_HiSpdLearnt_Cnt_M_lgc	0
/ehDyn_Initialize_Cnt_M_lgc	1
/ehDyn_LoSpdLearnt_Cnt_M_lgc	1
/ehDyn_MaxOffset_HwDeg_M_f32	280
/ehDyn_MinOffset HwDeg_M_132	-1440.10999





Name	Input Value
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-18.7999992
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.51000006e-006
VehDyn_SLPHwAuth_Uls_M_f32	0
VehDyn_SLPHwPos_HwDeg_M_f32	-1600
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	1
k_TravelXCDeadband_Uls_f32	0
k_TravelXCHwAuthority_Uls_f32	0
target_DtrmnElapsedTime_mS_u32_ElapsedTime	0
target_GetSystemTime_mS_u32_CurrentTime	0
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 TorqueCmdCRF MtrNm f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1440.10999
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	360
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-10
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	0
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	180
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.80000019
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	1
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0 180 ± 0.0009
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV_Uls f32	180 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt lgc	1
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	180
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999
	-18.7999992 ± 0.00009
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-10.7999992 I 0.00009
VehDyn_PinTrqSV_M_str.SV_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0±0.004

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_132	1
DtrmnElapsedTime_mS_u32	1
GetSystemTime_mS_u32	1
DtrmnElapsedTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	2
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

VehDyn_Per1

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Test Case 2: Boundary Test

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VehDyn_Per1



Performance Metrics: (With "None" Instrumentation and "WithPS" Environment) TS2.1 2641.00 Cycles TS2.2 2525.00 Cycles TS2.3 2437.00 Cycles TS2.4 3430.00 Cycles TS2.4 3430.00 Cycles
TS2.5 2406.00 Cycles
TS2.5 2406.00 Cycles
TS2.6 3833.00 Cycles
TS2.7 2402.00 Cycles
TS2.9 2400.00 Cycles
TS2.9 2400.00 Cycles
TS2.10 3447.00 Cycles
TS2.11 2358.00 Cycles
TS2.12 3464.00 Cycles
TS2.13 2362.00 Cycles
TS2.14 3403.00 Cycles
TS2.15 2401.00 Cycles
TS2.15 2401.00 Cycles
TS2.16 3435.00 Cycles
TS2.17 2353.00 Cycles
TS2.18 3379.00 Cycles
TS2.19 2399.00 Cycles
TS2.19 2399.00 Cycles TS2.19 2399.00 Cycles
TS2.20 3549.00 Cycles
TS2.21 2474.00 Cycles
TS2.22 3460.00 Cycles
TS2.23 2426.00 Cycles
TS2.24 3435.00 Cycles
TS2.25 2466.00 Cycles
TS2.26 3416.00 Cycles
TS2.27 2383.00 Cycles
TS2.28 3406.00 Cycles
TS2.29 2415.00 Cycles
TS2.30 3369.00 Cycles
TS2.31 2383.00 Cycles
TS2.32 3426.00 Cycles
TS2.33 2381.00 Cycles TS2.32 3420.00 Cycles TS2.33 2381.00 Cycles TS2.34 3339.00 Cycles TS2.35 2407.00 Cycles TS2.36 3432.00 Cycles TS2.37 2394.00 Cycles TS2.38 3328.00 Cycles TS2.39 3352.00 Cycles TS2.39 3352.00 Cycles TS2.40 2381.00 Cycles TS2.41 3455.00 Cycles TS2.42 2956.00 Cycles TS2.43 3422.00 Cycles TS2.44 2409.00 Cycles TS2.45 3426.00 Cycles TS2.46 2341.00 Cycles TS2.47 3367.00 Cycles TS2.48 2394.00 Cycles TS2.49 3480.00 Cycles TS2.50 2370.00 Cycles TS2.51 3402.00 Cycles TS2.51 3402.00 Cycles TS2.52 2417.00 Cycles TS2.53 3470.00 Cycles TS2.54 2357.00 Cycles TS2.55 3389.00 Cycles TS2.55 2389.00 Cycles TS2.55 2389.00 Cycles TS2.56 2411.00 Cycles TS2.57 3416.00 Cycles TS2.59 3405.00 Cycles TS2.60 2432.00 Cycles TS2.60 2432.00 Cycles TS2.61 3419.00 Cycles TS2.63 3307.00 Cycles TS2.64 3426.00 Cycles TS2.65 2304.00 Cycles TS2.66 3415.00 Cycles TS2.67 2356.00 Cycles TS2.68 3433.00 Cycles TS2.69 2301.00 Cycles TS2.69 2301.00 Cycles TS2.70 3401.00 Cycles TS2.71 2396.00 Cycles TS2.72 2317.00 Cycles TS2.73 3456.00 Cycles TS2.74 2326.00 Cycles TS2.75 3365.00 Cycles TS2.76 2438.00 Cycles TS2.77 3514.00 Cycles TS2.78 2370.00 Cycles TS2.79 3413.00 Cycles TS2.80 3507.00 Cycles TS2.81 3422.00 Cycles TS2.82 2298.00 Cycles TS2.82 2298.00 Cycles TS2.83 3387.00 Cycles TS2.84 2331.00 Cycles TS2.85 3493.00 Cycles TS2.86 2326.00 Cycles TS2.87 3376.00 Cycles TS2.88 2376.00 Cycles TS2.88 2376.00 Cycles TS2.90 2295.00 Cycles TS2.91 3532.00 Cycles TS2.92 2352.00 Cycles TS2.93 3388.00 Cycles TS2.94 2298.00 Cycles TS2.95 3315.00 Cycles TS2.96 3550.00 Cycles TS2.97 3431.00 Cycles TS2.98 2295.00 Cycles TS2.98 2295.00 Cycles
TS2.99 3438.00 Cycles
TS2.101 2356.00 Cycles
TS2.101 3426.00 Cycles
TS2.102 2324.00 Cycles
TS2.103 3368.00 Cycles
TS2.104 3444.00 Cycles
TS2.105 2364.00 Cycles
TS2.106 3407.00 Cycles
TS2.107 2394.00 Cycles
TS2.108 3430.00 Cycles



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TS2.109 TS2.110 2366.00 Cycles 3413.00 Cycles TS2.111 2306.00 Cvcles TS2.112 TS2.113 3424.00 Cycles 3524.00 Cycles 2335.00 Cycles 3393.00 Cycles 2366.00 Cycles 3418.00 Cycles 2340.00 Cycles TS2.114 TS2 115 TS2.115 TS2.116 TS2.117 TS2.118 2340.00 Cycles 3370.00 Cycles 2353.00 Cycles 3449.00 Cycles 3516.00 Cycles 3419.00 Cycles 2339.00 Cycles 3405.00 Cycles TS2.119 TS2.120 TS2.121 TS2.122 TS2.123 TS2.124 TS2.125 3405.00 Cycles 2321.00 Cycles 3326.00 Cycles 2440.00 Cycles 3420.00 Cycles 345.00 Cycles 2365.00 Cycles 2366.00 Cycles 2798.00 Cycles TS2.126 TS2.127 TS2.127 TS2.128 TS2.129 TS2.130 TS2.131 TS2.132 3472.00 Cycles
2298.00 Cycles
2398.00 Cycles
3449.00 Cycles
3370.00 Cycles
3372.00 Cycles
3372.00 Cycles
3372.00 Cycles
2344.00 Cycles
2295.00 Cycles
2496.00 Cycles
2491.00 Cycles
2409.00 Cycles
2409.00 Cycles
2409.00 Cycles
3381.00 Cycles
3444.00 Cycles
3444.00 Cycles
3344.00 Cycles
3349.00 Cycles TS2.133 TS2.134 TS2.135 TS2.136 TS2.137 TS2.138 TS2.130 TS2.139 TS2.140 TS2.141 TS2.142 TS2.142 TS2.143 TS2.144 TS2.145 TS2.146 TS2.147 TS2.148 TS2.148 TS2.150 TS2.151 TS2.152 TS2.153 3399.00 Cycles 2380.00 Cycles 2352.00 Cycles 3442.00 Cycles 2295.00 Cycles TS2.154 TS2.155 TS2.156 3373.00 Cycles 2452.00 Cycles 2452.00 Cycles 3460.00 Cycles 3484.00 Cycles 2326.00 Cycles 2425.00 Cycles 2400.00 Cycles 3420.00 Cycles 3434.00 Cycles 3431.00 Cycles 3439.00 Cycles TS2.157 TS2.158 TS2.159 TS2.160 TS2.161 TS2.162 TS2.163 TS2.164 TS2.165 TS2.166 TS2.167 TS2.168 3430.00 Cycles 3430.00 Cycles 1422.00 Cycles 3477.00 Cycles 2400.00 Cycles TS2.169 TS2.170 TS2.171 TS2.171 3390.00 Cycles 2412.00 Cycles 4558.00 Cycles 2353.00 Cycles 2355.00 Cycles 2355.00 Cycles 3399.00 Cycles 2392.00 Cycles TS2.173 TS2.174 TS2.175 TS2.176 TS2.177 2392.00 Cycles 3425.00 Cycles 2439.00 Cycles 3381.00 Cycles 3425.00 Cycles 2345.00 Cycles 2317.00 Cycles 2317.00 Cycles 2318.00 Cycles TS2.177 TS2.178 TS2.179 TS2.180 TS2.181 TS2.181 TS2.182 TS2.183 TS2.184 TS2.185 2318.00 Cycles TS2.186 TS2.187 3381.00 Cycles 2302.00 Cycles 3438.00 Cycles 2312.00 Cycles 3436.00 Cycles 2407.00 Cycles 3455.00 Cycles TS2.188 TS2.189 TS2.190 TS2.191 TS2.192 TS2.193 TS2.194 TS2.195 TS2.196 2434.00 Cycles 2416.00 Cycles 3406.00 Cycles 2320.00 Cycles TS2.196 TS2.197 TS2.198 TS2.199 TS2.200 TS2.201 2320.00 Cycles 3414.00 Cycles 2317.00 Cycles 3458.00 Cycles 2451.00 Cycles 2335.00 Cycles 3439.00 Cycles 2276.00 Cycles 2446.00 Cycles TS2.201 TS2.202 TS2.203 TS2.204 2276.00 Cycles 3446.00 Cycles 2462.00 Cycles 3448.00 Cycles 3556.00 Cycles 2355.00 Cycles TS2 205 TS2.206 TS2.207 TS2.208 TS2.209 TS2.210 2404.00 Cycles 2382.00 Cycles





Description Vector Description:

```
TS2.1All Min
 TS2.2All Max
 TS2.3VehicleSpeed_Kph_f32 = Min
TS2.4VehicleSpeed_Kph_f32 = Max
TS2.5VehicleSpeed_Kph_f32 = Pos
 TS2.6HwTorque_HwNm_f32 = Min
TS2.7HwTorque_HwNm_f32 = Max
TS2.8HwTorque_HwNm_f32 = Zero
TS2.9hwTorque_HwNm_f32 = Pos
TS2.9hwTorque_HwNm_f32 = Neg
TS2.10HwTorque_HwNm_f32 = Neg
TS2.11TorqueCmdCRF_MtrNm_f32 = Min
TS2.12TorqueCmdCRF_MtrNm_f32 = Max
TS2.13TorqueCmdCRF_MtrNm_f32 = Pos
TS2.14TorqueCmdCRF_MtrNm_f32 = Pos
TS2.14TorqueCmdCRF_MtrNm_f32 = Pos TS2.15TorqueCmdCRF_MtrNm_f32 = Neg TS2.16VehicleSpeedValid_Cnt_lgc = Min TS2.17VehicleSpeedValid_Cnt_lgc = Max TS2.18MotorVelCRF_MtrRadpS_f32 = Min TS2.19MotorVelCRF_MtrRadpS_f32 = Zero TS2.21MotorVelCRF_MtrRadpS_f32 = Zero TS2.21MotorVelCRF_MtrRadpS_f32 = Pos TS2.22MotorVelCRF_MtrRadpS_f32 = Neg TS2.23RelHwPos_HwDeg_f32 = Min TS2.24RelHwPos_HwDeg_f32 = Max TS2.25RelHwPos_HwDeg_f32 = Max TS2.25RelHwPos_HwDeg_f32 = Zero
 TS2.25RelHwPos_HwDeg_f32= Zero
TS2.26RelHwPos_HwDeg_f32 = Pos
TS2.27RelHwPos_HwDeg_f32 = Neg
TS2.27RelHwPos_HwDeg_f32 = Neg
TS2.28K_SysKinRatio_MtrDegpHwDeg_f32 = Min
TS2.29K_SysKinRatio_MtrDegpHwDeg_f32 = Max
TS2.30K_SysKinRatio_MtrDegpHwDeg_f32 = Pos
TS2.30K_SysKinRatio_MtrDegpHwDeg_f32 = Pos
TS2.31VehDyn_PinTrqSV_M_Str.SV = Min
TS2.32VehDyn_PinTrqSV_M_Str.SV = Max
TS2.33VehDyn_PinTrqSV_M_Str.SV = Pos
TS2.34VehDyn_PinTrqSV_M_Str.SV = Pos
TS2.34VehDyn_PinTrqSV_M_Str.SV = Pos
TS2.36VehDyn_PinTrqSV_M_Str.K= Min
TS2.37VehDyn_PinTrqSV_M_Str.K= Min
TS2.37VehDyn_PinTrqSV_M_Str.K = Mia
TS2.38VehDyn_PinTrqSV_M_Str.K = Mid
TS2.39VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 = Min
TS2.40VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 = Max
TS2.41VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 = Pos
 TS2.41VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 = Pos
TS2.42VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 = Min
TS2.43VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 = Max
 TS2.44VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 = Pos
TS2.45VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 = Min
TS2.46VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 = Max
TS2.47VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 = Pos
TS2.48VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32= Min
TS2.49VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 = Max
  TS2.50VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 = Pos
 TS2.51VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16= Min
TS2.52VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 = Max
  TS2.53VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16= Pos
 TS2.54VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 = Min
TS2.55VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16= Max
TS2.56VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16= Pos
 TS2.57VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV= Min
TS2.58VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV= Max
TS2.59VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV= Zero
 TS2.60VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV= Pos
 TS2.61VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV= Neg
TS2.62VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K = Min
TS2.63VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K = Max
 TS2.64VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K = Mid
TS2.65VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV = Min
TS2.66VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV = Max
 TS2.67VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV= Zero TS2.68VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV = Pos TS2.69VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV = Neg
 TS2.70VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K = Min
TS2.71VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K= Max
TS2.72VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K = Mid
 TS2.73VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 = Min
TS2.74VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 = Max
TS2.75VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 = Pos
 TS2.76VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32= Min
TS2.77VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32= Max
TS2.78VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32= Pos
TS2.78VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32= Pos
TS2.79VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32= Min
TS2.80VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32= Max
TS2.81VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32= Pos
TS2.82VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32= Min
TS2.83VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32= Max
TS2.84VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 = Pos
TS2.85VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 = Pos
TS2.85VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 = Min
TS2.86VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 = Pos
TS2.88VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 = Pos
TS2.88VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32= Min
TS2.89VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32= Min
 TS2.89VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 = Max
TS2.90VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32= Pos
TS2.91VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 = Min
  TS2.92VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 = Max
 TS2.93VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 = Pos
TS2.94VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16= Min
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TS2.95VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 = Max
TS2.96VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 = Pos
TS2.97VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV = Min
TS2.98VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV = Max
TS2.99VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV = Zero TS2.100VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV = Pos TS2.101VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV= Neg
TS2.102VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K= Min
TS2.103VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K = Max
TS2.104VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K= Mid
TS2.104VeIDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV = Min TS2.105VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV = Min TS2.106VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV = Max TS2.107VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV = Zero TS2.108VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV = Pos TS2.109VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV = Neg TS2.110VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.K = Min TS2.114VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.K = Min TS2.114VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.K = Min TS2.114VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.K = Min TS2.114VehDyn_AutoCntrLoSpd_M_str.ReiHwDes_str.SV=Monty
TS2.111VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K = Mint
TS2.111VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K = Mint
TS2.112VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K = Mint
TS2.113VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 = Mint
TS2.114VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 = Max
TS2.115VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 = Pos
TS2.116VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 = Min
TS2.117VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 = Max
TS2.118VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 = Pos
TS2.119VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 = Min
TS2.120VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 = Max
TS2.121VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 = Pos
TS2.122VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 = Min
TS2.123VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32 = Max
 TS2.124VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32= Pos
TS2.125VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32= Min
TS2.126VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 = Max
TS2.127VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 = Pos
TS2.128VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 = Min
TS2.129VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 = Max
TS2.130VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 = Pos
TS2.131VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 = Min
TS2.132VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16= Max
TS2.133VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 = Pos
TS2.134VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16 = Min
TS2.135VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16= Max
TS2.136VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16= Pos
TS2.137VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV = Min
TS2.138VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV = Max
TS2.139VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV= Zero
TS2.140VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV = Pos
TS2.141VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV= Neg
TS2.142VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.K = Min
TS2.143VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K = Max
TS2.144VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K = Mid
TS2.145VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV = Mid
TS2.146VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV = Max
TS2.147VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV = Zero
TS2.148VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV = Pos
 TS2.149VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV = Neg
TS2.150VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K = Min
TS2.151VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K = Max
TS2.152VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K = Mid
TS2.153VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32= Min
TS2.154VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 = Max
TS2.155VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 = Pos
TS2.156VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32= Min
TS2.157VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 = Max
TS2.158VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 = Pos
TS2.159k_HiSpdVDAuthority_Uls_f32 = Min
TS2.160k_HiSpdVDAuthority_Uls_f32= Max
TS2.161k_HiSpdVDAuthority_Uls_f32= Pos
TS2.162k_LoSpdVDAuthority_Uls_f32= Min
TS2.163k_LoSpdVDAuthority_UIs_f32= Max
TS2.164k_LoSpdVDAuthority_UIs_f32= Pos
TS2.165VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc= Min
TS2.166VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc = Max
TS2.167VehDyn_LoSpdLearnt_Cnt_M_lgc= Min
TS2.168VehDyn_LoSpdLearnt_Cnt_M_lgc = Max
TS2.169VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc = Min
TS2.170VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc= Max
TS2.171VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc = Min
TS2.172VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_igc = Max
TS2.173VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_igc= Min
TS2.174VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_igc= Max
TS2.174VenDyn_HiSpdLearnt_Cnt_M_lgc = Min
TS2.175VehDyn_HiSpdLearnt_Cnt_M_lgc = Max
TS2.177DtrmnElapsedTime_mS_u32 = Min
TS2.178DtrmnElapsedTime_mS_u32 = Max
TS2.179DtrmnElapsedTime mS_u32 = Pos
TS2.180GetSystemTime_mS_u32 = Min
TS2.181GetSystemTime_mS_u32 = Max
TS2.182GetSystemTime_mS_u32 = Max
TS2.182GetSystemTime_mS_u32 = Pos
TS2.183CwEOT_HwDeg_f32 = Min
TS2.184CwEOT_HwDeg_f32 = Max
TS2.185 CwEOT_HwDeg_f32 = Pos
TS2.186 CcwEOT_HwDeg_f32 = Min
TS2.187CcwEOT_HwDeg_f32 = Max
 TS2.188CcwEOT_HwDeg_f32 = Neg
TS2.189VehDyn_Initialize_Cnt_M_lgc = Min
TS2.190VehDyn_Initialize_Cnt_M_lgc = Max
```



TS2.191VehDyn_MaxOffset_HwDeg_M_f32 = Min
TS2.192VehDyn_MaxOffset_HwDeg_M_f32 = Max
TS2.193VehDyn_MaxOffset_HwDeg_M_f32 = Pos
TS2.194VehDyn_MinOffset_HwDeg_M_f32 = Pos
TS2.194VehDyn_MinOffset_HwDeg_M_f32 = Max
TS2.195VehDyn_MinOffset_HwDeg_M_f32 = Max
TS2.196VehDyn_MinOffset_HwDeg_M_f32 = Neg
TS2.197k_TravelXCDeadband_Uls_f32 = Min
TS2.198k_TravelXCDeadband_Uls_f32 = Max
TS2.199k_TravelXCDeadband_Uls_f32 = Pos
TS2.200k_TravelXCHwAuthority_Uls_f32 = Min
TS2.201k_TravelXCHwAuthority_Uls_f32 = Max
TS2.201k_TravelXCHwAuthority_Uls_f32 = Pos
TS2.203VehDyn_SLPHwPos_HwDeg_M_f32 = Min
TS2.204VehDyn_SLPHwPos_HwDeg_M_f32 = Max
TS2.205VehDyn_SLPHwPos_HwDeg_M_f32 = Pos
TS2.206VehDyn_SLPHwPos_HwDeg_M_f32 = Pos
TS2.207VehDyn_SLPHwPos_HwDeg_M_f32 = Neg
TS2.208VehDyn_SLPHwPos_HwDeg_M_f32 = Neg
TS2.208VehDyn_SLPHwAuth_Uls_M_f32 = Min
TS2.209VehDyn_SLPHwAuth_Uls_M_f32 = Min
TS2.209VehDyn_SLPHwAuth_Uls_M_f32 = Min

Test Step 2.1 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	0	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	0	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	0	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	0	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	0	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	0.	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51000006e-006	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51000006e-006	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	0	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	0	
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0	
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	0	
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	0	
VehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	0	
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	0	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51000006e-006	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51000006e-006	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	0	
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc	0	
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	0	
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	0	
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	0	
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	0	
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	0	
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	0	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51000006e-006	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51000006e-006	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	
VehDyn_Initialize_Cnt_M_lgc	0	
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	

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Name	Input Value
VehDyn_MaxOffset_HwDeg_M_f32	-2840
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-18.7999992
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.51000006e-006
VehDyn_SLPHwAuth_Uls_M_f32	0
VehDyn_SLPHwPos_HwDeg_M_f32	-1600
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	1
k_TravelXCDeadband_Uls_f32	0
k_TravelXCHwAuthority_Uls_f32	0
target_DtrmnElapsedTime_mS_u32_ElapsedTime	0
target_GetSystemTime_mS_u32_CurrentTime	0
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1440.10999
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	360
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-10
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1350
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-3200
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.80000019
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	0
Name	Expected Value
V. I.B. All 11:0 14 1 0 1 0 1 44 1	0
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0
	-
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0 0 -3200 ± 0.009 -3200 ± 0.009 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0 0 -3200 ± 0.009 -3200 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0 0 -3200 ± 0.009 -3200 ± 0.009 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0 0 -3200 ± 0.009 -3200 ± 0.009 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0 0 -3200 ± 0.009 -3200 ± 0.009 0 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0 0 -3200 ± 0.009 -3200 ± 0.009 0 0 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0 0 -3200 ± 0.009 -3200 ± 0.009 0 0 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0 0 -3200 ± 0.009 -3200 ± 0.009 0 0 0 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0 0 -3200 ± 0.009 -3200 ± 0.009 0 0 0 0 0 0 0 -3200 ± 0.009 -3200 ± 0.009 -3200 ± 0.009 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0 0 -3200 ± 0.009 -3200 ± 0.009 0 0 0 0 0 0 0 -3200 ± 0.009 -3200 ± 0.009 -3200 ± 0.009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0 0 -3200 ± 0.009 -3200 ± 0.009 0 0 0 0 0 0 -3200 ± 0.009 0 0 -3200 ± 0.009 -3200 ± 0.009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0 0 -3200 ± 0.009 -3200 ± 0.009 0 0 0 0 0 0 -3200 ± 0.009 0 0 -3200 ± 0.009 -3200 ± 0.009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDoSpd_M_str.Filter2Initialized_Cnt_lgc	0 0 -3200 ± 0.009 -3200 ± 0.009 0 0 0 0 0 0 0 -3200 ± 0.009 -3200 ± 0.009 -3200 ± 0.009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0 0 -3200 ± 0.009 -3200 ± 0.009 0 0 0 0 0 0 0 -3200 ± 0.009 0 0 -3200 ± 0.009 -3200 ± 0.009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32	0 0 -3200 ± 0.009 -3200 ± 0.009 0 0 0 0 0 0 0 -3200 ± 0.009 0 -3200 ± 0.009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Snt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0 0 -3200 ± 0.009 -3200 ± 0.009 0 0 0 0 0 0 0 -3200 ± 0.009 0 0 -3200 ± 0.009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32	0 0 -3200 ± 0.009 -3200 ± 0.009 0 0 0 0 0 0 0 -3200 ± 0.009 0 -3200 ± 0.009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter1Enable_Cnt_lgc	0 0 -3200 ± 0.009 -3200 ± 0.009 0 0 0 0 0 0 0 -3200 ± 0.009 0 -3200 ± 0.009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter4Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter4Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0 0 -3200 ± 0.009 -3200 ± 0.009 0 0 0 0 0 0 0 -3200 ± 0.009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter4Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter4Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_ms_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0 0 -3200 ± 0.009 -3200 ± 0.009 0 0 0 0 0 0 0 -3200 ± 0.009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0 0 -3200 ± 0.009 -3200 ± 0.009 0 0 0 0 0 0 0 -3200 ± 0.009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_Initialize_Cnt_M_lgc	0 0 -3200 ± 0.009 -3200 ± 0.009 0 0 0 0 0 0 0 -3200 ± 0.009 0 -3200 ± 0.009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	0 0 -3200 ± 0.009 -3200 ± 0.009 0 0 0 0 0 0 0 -3200 ± 0.009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc	0 0 -3200 ± 0.009 -3200 ± 0.009 0 0 0 0 0 0 0 -3200 ± 0.009 -3200 ± 0.009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_MinOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	0 0 -3200 ± 0.009 -3200 ± 0.009 0 0 0 0 0 0 0 -3200 ± 0.009 0 -3200 ± 0.009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter3Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter3Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter3Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter3Enable_Cnt_lgc VehDyn_BipdLearnt_Cnt_M_lgc VehDyn_BipdLearnt_Cnt_M_lgc VehDyn	0 0 -3200 ± 0.009 -3200 ± 0.009 0 0 0 0 0 0 0 0 -3200 ± 0.009 -3200 ± 0.009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_MinOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	0 0 -3200 ± 0.009 -3200 ± 0.009 0 0 0 0 0 0 0 -3200 ± 0.009 0 -3200 ± 0.009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1



Fest Step 2.2 (Repeat Count = 1)	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	700
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	255
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	20
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	100
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	60000
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	60000
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4294967295
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4294967295
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	3200
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584798
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	3200
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584798
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_Igc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	700
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	255 20
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	100
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	60000
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	60000
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4294967295
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4294967295
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3200 0.00125584798
	3200
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584798
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	700
ehDyn AutoCntrLoSpd M str.VehSpd kph f32	255
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	20
ehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	100
ehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	60000
ehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	60000
ehDyn AutoCntrLoSpd M str.Timer1 mS u32	4294967295
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4294967295
ehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	3200
ehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.00125584798
ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	3200
ehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584798
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_HiSpdLearnt_Cnt_M_lgc	1
ehDyn Initialize Cnt M Igc	1
ehDyn_Initialize_ont_wi_igc	1
ehDyn_MaxOffset_HwDeg_M_f32	1440.10999
ehDyn_MinOffset_HwDeg_M_f32	2840
ehDyn_PinTrqSV_M_str.SV_UIs_f32	18.7999992
ehDyn_PinTrqSV_M_str.K_Uls_f32	0.00125584798
ehDyn_SLPHwAuth_Uls_M_f32	1
ehDyn_SLPHwPos_HwDeg_M_f32	1600
HiSpdVDAuthority_UIs_f32	1
LoSpdVDAuthority Uls f32	1
_sysKinRatio_MtrDegpHwDeg_f32	100
_TravelXCDeadband_Uls_f32	100
_TravelXCHwAuthority_Uls_f32	1
arget_DtrmnElapsedTime_mS_u32_ElapsedTime	4294967295
arget GetSystemTime mS u32 CurrentTime	4294967295

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-360
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1440.10999
target_VehDyn_Per1_HwTorque_HwNm_f32.value	10
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1350
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	3200
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	8.80000019
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	512
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	4294967295
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	4294967295
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	3200 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	3200 ± 0.009
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt Igc	1
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt Igc	1
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Iqc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4294967295
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4294967295
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	3200 ± 0.009
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	3200 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	1
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	4294967295
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	4294967295
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	3200 ± 0.009
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	3200 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn Initialize Cnt M Igc	1
VehDyn LoSpdLearnt Cnt M Igc	1
VehDyn MaxOffset HwDeg M f32	-1759.89001
VehDyn_MinOffset_HwDeg_M_f32	2840
VehDyn_PinTrqSV_M_str.SV_UIs_f32	18.7890587 ± 0.00009
target VehDyn Per1 SensorlessAuthority Uls f32.value	1 ± 0.004
target VehDyn Per1 SensorlessHwPos HwDeg f32.value	0 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.3 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	200.100006	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	156.100006	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.0999999	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	42.0999985	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	7034	

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	39056
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	274107514
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.1001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51000006e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000650000002
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	125.099998
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	124.5
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	3.79999995
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	10.5
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	49475
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	38708
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2160073393
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1950.09998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000449999992
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.1001
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000780000002
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	200.100006
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	156.100006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.400001
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	42.099985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	7034
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	39056
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	274107514
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.1001
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.4999994e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.Ry_Uls_f32	-1482.09998
	0.000650000002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	369.15799
VehDyn_MinOffset_HwDeg_M_f32	-1439.15405
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.80000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00025099999
VehDyn_SLPHwAuth_Uls_M_f32	0.986999989
VehDyn_SLPHwPos_HwDeg_M_f32	-1589.15002
k_HiSpdVDAuthority_UIs_f32	0.89999976
k_LoSpdVDAuthority_Uls_f32	0.330000013
k_SysKinRatio_MtrDegpHwDeg_f32	10.0200005
k_TravelXCDeadband_Uls_f32	1.25
k_TravelXCHwAuthority_Uls_f32	0.0153999999
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1720406272
target_GetSystemTime_mS_u32_CurrentTime	4243378688
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
	-1438.15002
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value	375.23999
	375.23999 -9.10000038





Name	Input Value
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	2880.20996
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	0
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	274107514
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.1001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4243378688
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1950.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.1001 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	274107514
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.1001 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	375.23999
VehDyn_MinOffset_HwDeg_M_f32	-1438.15002
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.7955575 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.89999976 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	280.109985 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.4 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	457.299988
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	166.300003
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.2999992
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	12.3000002
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27401
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2160073393
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51999995e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000652000017
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	84.0999985

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.5
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	25
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	43128
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58869
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1885.09998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000452000007
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.19995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000782000017
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	457.399994
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	166.399994
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.1000004
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.3999996
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27401
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2160073393
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	328928812
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.54000006e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000652000017
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-374.149994
VehDyn_MinOffset_HwDeg_M_f32	-1432.46997
VehDyn_PinTrqSV_M_str.SV_UIs_f32	3.20000005
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000251999998
VehDyn_SLPHwAuth_Uls_M_f32	0.972000003
VehDyn_SLPHwPos_HwDeg_M_f32	-1578.89001
k_HiSpdVDAuthority_UIs_f32	0.349999994
k_LoSpdVDAuthority_UIs_f32	0.88999986
k_SysKinRatio_MtrDegpHwDeg_f32	25.1000004
k_TravelXCDeadband_Uls_f32	2.69000006
k_TravelXCHwAuthority_Uls_f32	0.0166250002
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2659241984
target_GetSystemTime_mS_u32_CurrentTime	1050692864
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessHwPos HwDeg f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
rarget_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeed_Kph_f32
	-1431.89001
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	386.147003 9.5
target_VehDyn_Per1_HwTorque_HwNm_f32.value target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	9.5 800.869995
target_venDyn_Per1_MotorveiCRF_MtrRadpS_132.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	200.839996
target_VenDyn_Per1_ReinwPos_nwDeg_isz.value target_VenDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.80000019
target_VehDyn_Per1_TorqueCmdCkr_Mithin_isz.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	512
ungot_vonDyn_r or r_vonidicopeed_rtpn_loz.value	
Nama	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2160073393
Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2160073393 328928812
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2160073393 328928812 2800.19995 ± 0.009
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2160073393 328928812 2800.19995 ± 0.009 1900.19995 ± 0.009
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2160073393 328928812 2800.19995 ± 0.009





Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1050692864
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1885.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1050692864
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	328928812
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-374.149994
VehDyn_MinOffset_HwDeg_M_f32	-1432.46997
VehDyn_PinTrqSV_M_str.SV_Uls_f32	3.20166588 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.889999986 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	566.099976
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	84.0999985
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	5.0999999
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	25.1000004
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	43128
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58869
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1885.09998
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.53000007e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.1001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000653999974
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	456.5
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	64.5
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	9.10000038
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53759
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	18715
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420810
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1887.19995
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000859000022
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.1001
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000783999974
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	566.299988
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	84.199969
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	5.30000019
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	25.2000008
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	43128
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	58869
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	54822322
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	2553156835
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1885.09998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.58e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.1001
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000653999974
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	379.141998
VehDyn_MinOffset_HwDeg_M_f32	-1425.78601
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.4000001
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000253000006
VehDyn_SLPHwAuth_Uls_M_f32	0.957000017
VehDyn_SLPHwPos_HwDeg_M_f32	-1568.63
k_HiSpdVDAuthority_Uls_f32	0.660000026
k_LoSpdVDAuthority_Uls_f32	0.800000012
k_SysKinRatio_MtrDegpHwDeg_f32	86.1999969
k_TravelXCDeadband_Uls_f32	4.13000011
k_TravelXCHwAuthority_Uls_f32	0.0178500004
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2942063360
target_GetSystemTime_mS_u32_CurrentTime	3039943680
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessAuthority Uls f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
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target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1425.63
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	397.053986
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-8.80000019
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-418.119995
target VehDyn Per1 RelHwPos HwDeg f32.value	-2000.09998
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	3.20000005
	0
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	256.640015
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	54822322
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1885.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.1001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3039943680
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1887.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.1001 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	54822322
	2553156835
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2505150055





Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1885.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.1001 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	379.141998
VehDyn_MinOffset_HwDeg_M_f32	574.469971
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.40085077 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.660000026 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
	·
OtrmnElapsedTime_mS_u32(ElapsedTime) GetSystemTime mS u32(CurrentTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime target GetSystemTime mS_u32_CurrentTime
, = = ,	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	73.4000015
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	64.4000015
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	9.39999962
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.4000015
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53759
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	18715
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420810
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1887.19995
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.53999997e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.19995
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000655999989
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	566.5
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	52.7999992
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	7.80000019
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	56.1399994
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	13352
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	14442
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4290967295
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1753.09998
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000126600004
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.30005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00078599999
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	73.1999969
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	64.3000031
/ehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	9.19999981
/ehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	86.3000031
/ehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	53759
/ehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	18715
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420810
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1887.19995
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.61999994e-005



Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000655999989
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-384.134003 -1419.10205
VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.599999
VehDyn PinTrqSV M str.K Uls f32	0.000254000013
VehDyn SLPHwAuth Uls M f32	0.941999972
VehDyn_SLPHwPos_HwDeg_M_f32	-1558.37
k HiSpdVDAuthority Uls f32	0.870000005
k_LoSpdVDAuthority_UIs_f32	0.69999988
k_SysKinRatio_MtrDegpHwDeg_f32	56.5
k_TravelXCDeadband_Uls_f32	5.57000017
k_TravelXCHwAuthority_Uls_f32	0.0190750007
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1117112832
target_GetSystemTime_mS_u32_CurrentTime	1316564736
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1419.37
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	407.960999 -10
target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-425.25
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1900.40002
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.4000001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target VehDyn Per1 VehicleSpeed Kph f32.value	10.2139997
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1887.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1316564736
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1753.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1316564736
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	-1887.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.19995 ± 0.009
VehDyn_AutoCntrl_oSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrl_oSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrl_oSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1 0
VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn Initialize Cnt M lgc	1
VehDyn LoSpdLearnt Cnt M Igc	0
VehDyn MaxOffset HwDeg M f32	407.960999
VehDyn MinOffset HwDeg M f32	-1419.37
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.59550524 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.69999988 ± 0.004
govalue	0.00000000 ± 0.001

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Name	Expected Value
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-899.799988 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

lame	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M Igc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	10.1000004
	52.099985
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	7.0999999
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 /ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	56.099985
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_nwDeg_132 /ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	
, =	13352 14442
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4290967295
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1753.09998
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.55000009e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.09998
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000658000004
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	631.5
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	34.5
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.0999999
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	54.2299995
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21364
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52716
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1078320779
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948759
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	935.200012
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000167299993
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.099976
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000788000005
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	10.6999998
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	52.7000008
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.69999981
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	56.7000008
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	13352
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14442
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4290967295
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1753.09998
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.66000006e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.09998
ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000658000004
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	0
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
ehDyn_HiSpdLearnt_Cnt_M_lgc	1
/ehDyn_Initialize_Cnt_M_lgc	0
/ehDyn_Initialize_ont_m_ge /ehDyn_LoSpdLearnt_Cnt_M_lgc	1
/ehDyn_MaxOffset_HwDeg_M_f32	389.126007
/ehDyn_MinOffset_HwDeg_M_i32	-1412.41797





Name	Input Value
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.5
VehDyn PinTrqSV M str.K Uls f32	0.000254999992
VehDyn_SLPHwAuth_Uls_M_f32	0.926999986
VehDyn_SLPHwPos_HwDeg_M_f32	-1548.10999
k HiSpdVDAuthority Uls f32	0.75999999
k LoSpdVDAuthority Uls f32	0.560000002
k_SysKinRatio_MtrDegpHwDeg_f32	54.2999992
k_TravelXCDeadband_Uls_f32	7.01000023
k_TravelXCHwAuthority_Uls_f32	0.0203000009
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1736795392
target_GetSystemTime_mS_u32_CurrentTime	2075080192
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1413.10999
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	418.868011
target_VehDyn_Per1_HwTorque_HwNm_f32.value	10
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	752.75
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1900.69995
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	20.1399994
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4290967295
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1753.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2075080192
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	935,200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.099976 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4290967295
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1753.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	418.868011
VehDyn_MinOffset_HwDeg_M_f32	-1413.10999
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.50220323 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	0.75999999 ± 0.004 -1600 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte Call VehDvn Per1 CP1 CheckpointReached	1



Test Step 2.8 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	56.2999992	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	34.2999992	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	5.30000019	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	54.2999992	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	21364 52716	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1078320779	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	935.200012	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.55999998e-006	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.200012	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00066000002	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	10.5	
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	18.1000004 3	
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	85.400015	
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	33198	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	7778	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2138628886	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888.299988	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000207999998	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.19995	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00079000002	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0 0	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0	
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt lgc	1	
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	56.2999992	
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	34.5	
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	5.30000019	
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	54.5	
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21364	
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52716	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1078320779	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948759	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	935.200012	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.7e-005	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	753.200012 0.00066000002	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0.0000000002	
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	1	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	
VehDyn_HiSpdLearnt_Cnt_M_lgc	0	
VehDyn_Initialize_Cnt_M_lgc	1	
VehDyn_LoSpdLearnt_Cnt_M_lgc	0	
VehDyn_MaxOffset_HwDeg_M_f32	394.118011	
VehDyn_MinOffset_HwDeg_M_f32	-1405.73401	
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-1.6000002	
VehDyn_PinTrqSV_M_str.K_UIs_f32 VehDyn_SLPHwAuth_UIs_M_f32	0.000255999999 0.912	
VehDyn_SLPHwPos_HwDeg_M_f32	-1537.84998	
k_HiSpdVDAuthority_UIs_f32	0.456	
k_LoSpdVDAuthority_UIs_f32	0.230000004	
k_SysKinRatio_MtrDegpHwDeg_f32	85.0999985	
k_TravelXCDeadband_Uls_f32	8.44999981	
k_TraveIXCHwAuthority_UIs_f32	0.0215249993	
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3437401088	
target_GetSystemTime_mS_u32_CurrentTime	954802432	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32	

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target VehDyn Per1 RelHwPos HwDeg f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target VehDyn Per1 VehicleSpeed Kph f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1406.84998
target VehDyn Per1 CwEOT HwDeg f32.value	429.774994
target_VehDyn_Per1_HwTorque_HwNm_f32.value	0
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-158.119995
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1482.59998
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	1.5
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	1
	25.5799999
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1078320779
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	935.200012 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.200012 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	954802432
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888.299988 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	954802432
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948759
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	935.200012 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.200012 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn Initialize Cnt M Igc	1
VehDyn LoSpdLearnt Cnt M Igc	0
VehDyn MaxOffset HwDeg M f32	394.118011
VehDyn_MinOffset_HwDeg_M_f32	75.75
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.59958589 ± 0.000009
target VehDyn Per1 SensorlessAuthority Uls f32.value	0.230000004 ± 0.004
· - · ·	-1600 ± 0.1
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1000 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.9 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	86.1999969
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	18.2000008
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	3.20000005
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	85.1999969
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	33198

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	7778
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888.099976
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.57000011e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.09998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000661999977
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	0
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	56.0999985
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	88.8000031
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	1.5
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.8000031
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	21335
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	34188
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2345892861
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3589476708
	425.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	
VehDyn_AutoCotrl liSted_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000248700002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	1988.09998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000791999977
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	86.6999969
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	18.2999992
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3.70000005
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	85.3000031
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	33198
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	7778
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888.099976
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.73999995e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.09998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000661999977
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt Igc	1
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
VehDyn HiSpdLearnt Cnt M Igc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	399.109985
VehDyn_MinOffset_HwDeg_M_f32	-1399.05005
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-14.8000002
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000257000007
VehDyn_SLPHwAuth_Uls_M_f32	0.897000015
VehDyn_SLPHwPos_HwDeg_M_f32	-1527.58997
k_HiSpdVDAuthority_UIs_f32	0.123000003
k_LoSpdVDAuthority_UIs_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	96.3000031
k_TravelXCDeadband_Uls_f32	9.89000034
k_TravelXCHwAuthority_Uls_f32	0.0227499995
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3494315776
target_GetSystemTime_mS_u32_CurrentTime	2728878080
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_venDyn.VenDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1400.58997
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	440.682007
target_VehDyn_Per1_HwTorque_HwNm_f32.value	5.5
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	753.570007





Name	Input Value
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-753.099976
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.60000002
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	30.0400009
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888.099976 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2728878080
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	425.5 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888.099976 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	399.109985
VehDyn_MinOffset_HwDeg_M_f32	-647.48999
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-14.7947874 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.123000003 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.10 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	75.0999985
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	88.0999985
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	1.10000002
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21335
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	34188
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892861
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	425.200012
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.58e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.30005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000663999992
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	76.0999985

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32.2999992
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.19995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000289399992
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000793999992
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	75.5
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	88.8000031
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	1.5
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.8000031
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21335
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	34188
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2345892861
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	425.200012
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.78000007e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000663999992
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	404.10199
VehDyn_MinOffset_HwDeg_M_f32	-1392.36597
VehDyn_PinTrqSV_M_str.SV_UIs_f32	17.7999992 0.000257999985
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000257999965
VehDyn_SLPHwAuth_Uls_M_f32 VehDyn SLPHwPos HwDeg M f32	-1517.32996
k_HiSpdVDAuthority_Uls_f32	0.637000024
k_LoSpdVDAuthority_Uls_f32	0
k SysKinRatio MtrDegpHwDeg f32	32.5
k TravelXCDeadband Uls f32	11.3299999
k_TravelXCHwAuthority_Uls_f32	0.0239749998
target_DtrmnElapsedTime_mS_u32_ElapsedTime	463842816
target_GetSystemTime_mS_u32_CurrentTime	824746752
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1394.32996
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	451.588989
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-7.3000019
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	159.455994
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	456.100006
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1 35.8899994
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	
Name Validities Alleged Biological Costs Costs M. Jaco	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892861
VahDun AutoCatrDatCad M atr Times and use	3589476708
	435 300013 + 0.0000
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	425.200012 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_loc	1988.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	

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Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	824746752
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	824746752
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	425.200012 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	451.588989
VehDyn_MinOffset_HwDeg_M_f32	-1394.32996
VehDyn_PinTrqSV_M_str.SV_Uls_f32	17.79356 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.882000029 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1517.32996 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	98.5
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	76.5
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.5
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	32.5
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	12258
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36416
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.09998
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.58999989e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.19995
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000666000007
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	75.5
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	86.5
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.0999999
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	52.2999992
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	29076
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	43868
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2760420810
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004657
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.30005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000330100011
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.1001
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000796000008
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	98.8000031
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	76.5
VehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	2.79999995
	32.5
VehDyn_AutoCotrl_oSpd_M_str.CntrWindow_HwDeg_f32	
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.09998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.82000001e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000666000007
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn LoSpdLearnt Cnt M Igc	1
VehDyn_MaxOffset_HwDeg_M_f32	409.093994
VehDyn_MinOffset_HwDeg_M_f32	-1385.68201 -
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-7
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000258999993
VehDyn_SLPHwAuth_Uls_M_f32	0.866999984
VehDyn_SLPHwPos_HwDeg_M_f32	-1507.06995
k_HiSpdVDAuthority_Uls_f32	0.278719991
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	52.2999992
k_TravelXCDeadband_Uls_f32	12.7700005
k_TravelXCHwAuthority_UIs_f32	0.0252
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1759885568
target_GetSystemTime_mS_u32_CurrentTime	309385728
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1388.06995
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	462.496002
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-7.0999999
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1100.45801
target VehDyn Per1 RelHwPos HwDeg f32.value	-2500.04004
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.80000019
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	36.4199982
Name	Expected Value
	·
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	309385728
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.1001 ± 0.009
	0
VehDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	U
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1 1 0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1

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Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	462.496002
VehDyn_MinOffset_HwDeg_M_f32	-1388.06995
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-7.00006962 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.278719991 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-99.9400024 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.12 (Repeat Count = 1)	
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	66.9000015
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	86.9000015
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.9000001
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52.9000015
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	29076
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	43868
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420810
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004657
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.30005
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.60000002e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.30005
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000668000022
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	98.0999985
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	96.0999985
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	6.5
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	41.0999985
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	32821
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	53946
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1900.09998
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.0003708
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	2800.30005
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000798000023
/ehDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	0
/ehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	66.099985
/ehDyn AutoCntrLoSpd M str.VehSpd kph f32	86.1999969
'ehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	4.0999999
/ehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	52.200008
/ehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	29076
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	43868
/ehDyn_AutoCntrLoSpd_M_str.Timer2***inesi_ins_u*** /ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420810
/ehDyn_AutoCntrLoSpd_M_str.Timer1_m3_u32	4004004657
/ehDyn_AutoCntrLoSpd_wi_str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1900.30005
/ehDyn_AutoCntrLoSpd_wi_str.ReiHwPosFilt1SV_HwDeg_str.Sv_dis_i32 /ehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.85999995e-005

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Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000668000022
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	414.085999 -1378.99805
VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_UIs_f32	6.3000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000260000001
VehDyn SLPHwAuth Uls M f32	0.851999998
VehDyn_SLPHwPos_HwDeg_M_f32	-1496.81006
k HiSpdVDAuthority Uls f32	0.277799994
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	41.5
k_TravelXCDeadband_Uls_f32	14.21
k_TravelXCHwAuthority_Uls_f32	0.0264250003
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1662097408
target_GetSystemTime_mS_u32_CurrentTime	4164171008
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1381.81006 473.403015
target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value	8.85000038
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1235.09998
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	2600.6001
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	38.8800011
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4164171008
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCotrl oSpd_M_str.Filter2Initialized_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4164171008 4004004657
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1900.30005 ± 0.009
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV_HwDeg str.SV Uls f32	-2400.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-2127.19702
VehDyn MinOffset HwDeg M f32	-1378.99805
VCIDYI_WIIIOII3CC_I WDCg_W_I32	1010.0000
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.30071831 ± 0.000009





Name	Expected Value
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1496.81006 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

lame	Input Value
htmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
, – – ,	
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	34.7999992
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	96.8000031
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.80000019
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	41.7999992
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	32821
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	53946
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.5
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.60999991e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.1001
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000669999979
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	665
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	106.5
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	63.4000015
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	40437
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	13059
'ehDyn AutoCntrHiSpd M str.Timer1 mS u32	3174948759
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
'ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.19995
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00041149999
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.09998
	0.0007999998
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	34.2000008
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	96.0999985
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.19999981
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	41.0999985
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	32821
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	53946
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.5
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.9000007e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.1001
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000669999979
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	0
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
ehDyn_HiSpdLearnt_Cnt_M_lgc	1
ehDyn_nispuceam_on_ingc	1
ehDyn_hittalize_cht_wi_gc	1
ehDyn_tosputeant_cnt_w_gc /ehDyn_MaxOffset_HwDeg_M_f32	419.078003
ehDyn_MinOffset_HwDeg_M_f32	-1372.31396

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Name	Input Value
VehDyn_PinTrqSV_M_str.SV_UIs_f32	15.1999998
	0.000261000008
VehDyn_PinTrqSV_M_str.K_UIs_f32 VehDyn_SLPHwAuth_UIs_M_f32	0.837000012
VehDyn SLPHwPos HwDeg M f32	-1486,55005
	0.272780001
k_HiSpdVDAuthority_UIs_f32	
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	63.099985
k_TravelXCDeadband_Uls_f32	15.6499996
k_TraveIXCHwAuthority_UIs_f32	0.0276500005
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2127166208
target_GetSystemTime_mS_u32_CurrentTime	437658624
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1375.55005
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	484.309998
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.10000038
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	154.199997
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-2400.73999
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	0
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	45.7900009
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Name	Expected Value
Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
	•
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1 2967684784
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1 2967684784 4211268631
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1 2967684784 4211268631 -1900.5 ± 0.009
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009 0
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009 0
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009 0 0
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009 0 0 1 1 1 437658624
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009 0 0 1 1 1 437658624 1024
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009 0 0 1 1 1 437658624 1024 -1482.19995 ± 0.009
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009 0 0 1 1 1 437658624 1024 -1482.19995 ± 0.009 -1438.09998 ± 0.009
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009 0 0 1 1 1 437658624 1024 -1482.19995 ± 0.009 0 0
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009 0 0 1 1 1 437658624 1024 -1482.19995 ± 0.009 -1438.09998 ± 0.009 0 1
VehDyn_AltoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009 0 0 1 1 1 437658624 1024 -1482.19995 ± 0.009 -1438.09998 ± 0.009 0 1 1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009 0 0 1 1 1 437658624 1024 -1482.19995 ± 0.009 -1438.09998 ± 0.009 0 1 1 1 0 2967684784
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009 0 0 1 1 1 437658624 1024 -1482.19995 ± 0.009 -1438.09998 ± 0.009 0 1 1 0 2967684784 4211268631
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009 0 0 1 1 1 437658624 1024 -1482.19995 ± 0.009 -1438.09998 ± 0.009 0 1 1 0 2967684784 4211268631 -1900.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	1 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009 0 0 1 1 437658624 1024 -1482.19995 ± 0.009 -1438.09998 ± 0.009 0 1 1 0 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009 0 0 1 1 437658624 1024 -1482.19995 ± 0.009 -1438.09998 ± 0.009 0 1 1 0 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009 1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009 0 0 1 1 437658624 1024 -1482.19995 ± 0.009 -1438.09998 ± 0.009 0 1 1 0 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009 1 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009 0 0 1 1 437658624 1024 -1482.19995 ± 0.009 -1438.09998 ± 0.009 0 1 1 0 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009 1 0 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009 0 0 1 1 437658624 1024 -1482.19995 ± 0.009 0 1 1 1 0 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009 1 0 0 1 1 0 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_	1 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009 0 0 1 1 437658624 1024 -1482.19995 ± 0.009 0 1 1 1 0 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 1 1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_	1 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009 0 0 1 1 437658624 1024 -1482.19995 ± 0.009 0 1 1 1 0 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009 1 0 0 1 1 1 1 0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_	1 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009 0 0 1 1 437658624 1024 -1482.19995 ± 0.009 0 1 1 1 0 2967684784 4211268631 -1900.5 ± 0.009 2800.1001 ± 0.009 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 1 1



Test Step 2.14 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1.
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	2.0999999
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	106.099998
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	63.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	40437
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	13059
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.30005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.62000003e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438 0.000671999995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc	0
VehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	34.0999985
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	116.099998
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	88.4000015
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2291
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58929
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000452200009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000801999995
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0 0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrl.oSpd_M_str.MtrVel_MtrRadpS_f32	2.0999999
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	106.199997
VehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	14.1000004
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	63.2000008
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	40437
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	13059
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.94000001e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000671999995
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1 0
	0
VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn MaxOffset HwDeg M f32	424.070007
VehDyn MinOffset HwDeg M f32	-1365.63
VehDyn_PinTrqSV_M_str.SV_Uls_f32	14
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000261999987
VehDyn_SLPHwAuth_Uls_M_f32	0.822000027
VehDyn_SLPHwPos_HwDeg_M_f32	-1476.29004
k_HiSpdVDAuthority_UIs_f32	0.89999976
k_LoSpdVDAuthority_UIs_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	88.3000031
k_TravelXCDeadband_Uls_f32	17.0900002
k_TravelXCHwAuthority_UIs_f32	0.0288750008
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4243378688
target_GetSystemTime_mS_u32_CurrentTime	3941357312
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32

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Name	Input Value
target Rte Inst Ap VehDyn.VehDyn Per1 MotorVelCRF MtrRadpS f32	target VehDyn Per1 MotorVelCRF MtrRadpS f32
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target VehDyn Per1 RelHwPos HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target VehDyn Per1 SensorlessHwPos HwDeg f32
target Rte Inst Ap VehDyn.VehDyn Per1 TorqueCmdCRF MtrNm f32	target VehDyn Per1 TorqueCmdCRF MtrNm f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1369.29004
target VehDyn Per1 CwEOT HwDeg f32.value	495.21701
target_VehDyn_Per1_HwTorque_HwNm_f32.value	5.5
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	-759.299988
target VehDyn Per1 RelHwPos HwDeg f32.value	2800.36011
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.4000001
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	1
target VehDyn Per1 VehicleSpeed Kph f32.value	456.140015
Name	Expected Value
	1
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948759 1024
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	-1482.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3941357312
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.5 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3941357312
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	495.21701
VehDyn_MinOffset_HwDeg_M_f32	-1369.29004
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.9977865 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.822000027 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1476.29004 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.15 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	120.699997
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	116.699997
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.7000008
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	88.6999969
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	2291

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58929
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.62999993e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00067400001
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	2.5
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	126.099998
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.5
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	75.5
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	38868
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	57944
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	109643620
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.200012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000492900028
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.19995
	0.00080400001
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00080400001
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	120.300003
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	116.5
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.2999992
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	88.5
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	2291
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	58929
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.97999995e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00067400001
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	0
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn LoSpdLearnt Cnt M Igc	1
VehDyn_MaxOffset_HwDeg_M_f32	429.062012
	-1358.94604
VehDyn_MinOffset_HwDeg_M_f32	
VehDyn_PinTrqSV_M_str.SV_UIs_f32	8.89999962
VehDyn_PinTrqSV_M_str.K_UIs_f32	0.000262999994
VehDyn_SLPHwAuth_Uls_M_f32	0.806999981
VehDyn_SLPHwPos_HwDeg_M_f32	-1466.03003
k_HiSpdVDAuthority_UIs_f32	1
k_LoSpdVDAuthority_UIs_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	75.5
k_TravelXCDeadband_Uls_f32	18.5300007
k_TravelXCHwAuthority_Uls_f32	0.0300999992
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1050692864
target_GetSystemTime_mS_u32_CurrentTime	3304439296
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	
	target VenDyn Peri TorqueCmdCRF MtrNm 132
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lqc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -1363.03003
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeed_Kph_f32





Name	Input Value
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1438.41003
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-3.20000005
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	45.8699989
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.5 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3304439296
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	109643620
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.5 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	506.123993
VehDyn_MinOffset_HwDeg_M_f32	-1363.03003
VehDyn_PinTrqSV_M_str.SV_Uls_f32	8.89533329 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	350.899994
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	126.900002
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.8999996
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	75.9000015
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	38868
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	57944
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	109643620
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.299988
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.64000005e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000676000025
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	120.5
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	136

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Name	
VerbDyn_AutoCntHisped_M_str_TimerTTIMER_mS_u16 53970 VerbDyn_AutoCntHisped_M_str_TimerTIMER_mS_u16 53970 VerbDyn_AutoCntHisped_M_str_TimerT_mS_u32 3766740882 VerbDyn_AutoCntHisped_M_str_Timer_mS_u32 1644464918 VerbDyn_AutoCntHisped_M_str_ReihwPoseFilk1SV_HWDeg_str_K_Uis_132 200.55 VerbDyn_AutoCntHisped_M_str_ReihwPoseFilk1SV_HWDeg_str_K_Uis_132 142 (100006 VerbDyn_AutoCntHisped_M_str_ReihwPoseFilk2SV_HWDeg_str_K_Uis_132 0.000838399989 VerbDyn_AutoCntHisped_M_str_ReihwPoseFilk2SV_HWDeg_str_K_Uis_132 142 (100006 VerbDyn_AutoCntHisped_M_str_Filer_Enable_Cnt_Igc 0 VerbDyn_AutoCntHisped_M_str_Filer_Enable_Cnt_Igc 0 VerbDyn_AutoCntHisped_M_str_Filer_Bimilarized_Cnt_Igc 1 VerbDyn_AutoCntHisped_M_str_Filer_Bimilarized_Cnt_Igc 1 VerbDyn_AutoCntHisped_M_str_Filer_Bimilarized_Cnt_Igc 1 VerbDyn_AutoCntHisped_M_str_Filer_Bimilarized_Cnt_Igc 15.5 VerbDyn_AutoCntHisped_M_str_Filer_Bimilarized_Cnt_Igc 15.5 VerbDyn_AutoCntLoSpd_M_str_Filer_Bimilarized_Cnt_Igc 16.5 VerbDyn_AutoCntLoSpd_M_str_Filer_Bimilarized_Tim_Su_Su_Su_Su_Su_Su_Su_Su_Su_Su_Su_Su_Su_	
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k_SysKinRatio_MtrDegpHwDeg_f32 k_TravelXCDeadband_Uls_f32 19.9699993 k_TravelXCHwAuthority_Uls_f32 10.0313250013 target_DtrmnElapsedTime_mS_u32_ElapsedTime 2167769344 target_GetSystemTime_mS_u32_CurrentTime 2167769344 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_VehDelDelDelDelDelDelDelDelDelDelDelDelDelD	
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k_TravelXCHwAuthority_UIs_f32 0.0313250013 target_DtrmnElapsedTime_mS_u32_ElapsedTime 3039943680 target_GetSystemTime_mS_u32_CurrentTime 2167769344 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_NehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn.VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn.VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn.VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32 target_VehDyn.VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32 target_VehDyn.VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32 target_VehDyn.VehDyn.VehDyn.Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn.Per1_SensorlessHw target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_TorqueCmdCIstarget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_target_NehDyn_Per1_CcwEOT_HwDeg_f32.value 517.031006 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 2.0999999	
target_DtrmnElapsedTime_mS_u32_ElapsedTime target_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn.VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn.VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn.VehDyn.VehDyn.Per1_RelHwPos_HwDeg_f32 target_VehDyn.VehDyn.VehDyn.Per1_SensorlessAuthority_Uls_f32 target_VehDyn.VehDyn.VehDyn.Per1_SensorlessAuthority_Uls_f32 target_VehDyn.VehDyn.VehDyn.Per1_SensorlessAuthority_Uls_f32 target_VehDyn.VehDyn.VehDyn.Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn.VehDyn.VehDyn.Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn.VehDyn.VehDyn.Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn.VehDyn.Per1_VehicleSpeed_Kph_f32 target_VehDyn.Per1_CcwEOT_HwDeg_f32.value 517.031006 target_VehDyn.Per1_HwTorque_HwNm_f32.value 2.0999999	
target_GetSystemTime_mS_u32_CurrentTime 2167769344 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn.Per1_CcwEOT_HwDeg_f32 target_VehDyn.VehDyn.Per1_CwEOT_HwDeg_f32 target_VehDyn.VehDyn.Per1_HwTorque_HwNm_f32 target_VehDyn.VehDyn.Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn.Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn.Per1_RelHwPos_HwDeg_f32 target_VehDyn.VehDyn.Per1_RelHwPos_HwDeg_f32 target_VehDyn.VehDyn.Per1_SensorlessAuthority_Uls_f32 target_VehDyn.VehDyn.Per1_SensorlessAuthority_Uls_f32 target_VehDyn.Per1_SensorlessAuthority_Uls_f32 target_VehDyn.Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn.Per1_SensorlessHwDes_HwDeg_f32 target_VehDyn.Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn.Per1_SensorlessHwDes_HwDeg_f32 target_VehDyn.Per1_SensorlessHwDes_HwDeg_f32 target_VehDyn.Per1_VehicleSpeed_target_Rte_Inst_Ap_VehDyn.VehDyn.Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn.Per1_TorqueCmdCltarget_Rte_Inst_Ap_VehDyn.VehDyn.Per1_VehicleSpeed_Kph_f32 target_VehDyn.Per1_VehicleSpeed_target_VehDyn.Per1_CcwEOT_HwDeg_f32.value 517.031006 target_VehDyn.Per1_HwTorque_HwNm_f32.value 2.0999999	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn.Per1_CcwEOT_HwDeg_f32 target_VehDyn.VehDyn.Per1_CwEOT_HwDeg_f32 target_VehDyn.VehDyn.Per1_HwTorque_HwNm_f32 target_VehDyn.VehDyn.Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn.Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn.Per1_RelHwPos_HwDeg_f32 target_VehDyn.VehDyn.Per1_RelHwPos_HwDeg_f32 target_VehDyn.Per1_RelHwPos_HwDeg_f32 target_VehDyn.VehDyn.Per1_SensorlessAuthority_Uls_f32 target_VehDyn.Per1_SensorlessAuthority_Uls_f32 target_VehDyn.Per1_SensorlessAuthority_Uls_f32 target_VehDyn.Per1_SensorlessAuthority_Uls_f32 target_VehDyn.Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn.Per1_SensorlessHwtarget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn.Per1_TorqueCmdCltarget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn.Per1_VehicleSpeed_target_VehDyn.Per1_CcwEOT_HwDeg_f32.value 517.031006 target_VehDyn_Per1_HwTorque_HwNm_f32.value 2.0999999	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	len f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn.VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn.VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn.VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn.VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn.VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn.VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn.Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn.Per1_SensorlessHwtarget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_TorqueCmdCltarget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_target_VehDyn_Per1_CcwEOT_HwDeg_f32.value 517.031006 target_VehDyn_Per1_HwTorque_HwNm_f32.value 2.0999999	·
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_MotorVelCRF, target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDog_f32 target_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn.VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn.VehDyn.VehDyn_Per1_SensorlessHwPos_HwDog_f32 target_VehDyn.Per1_SensorlessHw target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_TorqueCmdCltarget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeed target_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed target_VehDyn_Per1_CcwEOT_HwDog_f32.value 517.031006 target_VehDyn_Per1_HwTorque_HwNm_f32.value 2.0999999	-
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDog_f32 target_VehDyn_Per1_RelHwPos_Hxtarget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn.VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn.VehDyn.VehDyn_Per1_SensorlessHwPos_HwDog_f32 target_VehDyn.VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn.Per1_TorqueCmdCltarget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn.VehDyn.Per1_VehicleSpeed target_VehDyn.VehDyn.Per1_VehicleSpeed target_VehDyn.Per1_CcwEOT_HwDog_f32.value	-
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn.VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn.VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn.VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn.VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn.VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn.Per1_VehicleSpeed_target_VehDyn_Per1_CcwEOT_HwDeg_f32.value 517.031006 target_VehDyn_Per1_HwTorque_HwNm_f32.value 2.0999999	· · · · · · ·
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn.Per1_SensorlessHw target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn.Per1_TorqueCmdCl target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn.Per1_VehicleSpeed target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed target_VehDyn_Per1_CcwEOT_HwDeg_f32.value 517.031006 target_VehDyn_Per1_HwTorque_HwNm_f32.value 2.0999999	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_i32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value -1356.77002	
target_VehDyn_Per1_CwEOT_HwDeg_f32.value 517.031006 target_VehDyn_Per1_HwTorque_HwNm_f32.value 2.0999999	Kpn_t32
target_VehDyn_Per1_HwTorque_HwNm_f32.value 2.0999999	
· - ·	
target VehDvn Per1 MotorVelCPE MtrPadnS f32 value 835.5	
· - /	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value 753.5	
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value -8	
target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value 0	
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 75.9800034	
Name Expected Value	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 1	
VehDyn_dutoCntrDetSpd_M_str.Timer1_mS_u32 3589476708	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 109643620	
7 =	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 1885.5 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 1	





Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2167769344
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	164464918
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	142.100006 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2167769344
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	109643620
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.299988 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-236.468994
VehDyn_MinOffset_HwDeg_M_f32	-1352.26196
VehDyn_PinTrqSV_M_str.SV_UIs_f32	13.896863 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.791999996 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1455.77002 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Jama	Input Value
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	400.100006
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	136.100006
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.1000004
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	97.0999985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53970
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	52282
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3796740682
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	164464918
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.5
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.64999994e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	142.300003
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000677999982
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	350.100006
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	146
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.5
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.0999985
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20423
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	31368
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004657
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	219286216
'ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	2600.30005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000574300007
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.19995
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000807999982
/ehDyn AutoCntrHiSpd M str.Filter1Enable Cnt Igc	0

VehDyn_Per1

2014-09-19, 20:09:35+0530



Name Input Value

2014-09-19, 20:09:35+0530





Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	142.300003 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	439.04599
VehDyn_MinOffset_HwDeg_M_f32	637.590027
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.7976656 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.779999971 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-87.9000015 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.18 (Repeat Count = 1)	
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	600.099976
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	146.100006
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.10000038
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.0999985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	20423
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	31368
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4004004657
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	219286216
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.30005
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.66000006e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.5
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000679999997
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	400.5
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	156
/ehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	4.099999
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	42.2999992
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	7034
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	39056
/ehDyn AutoCntrHiSpd M str.Timer1 mS u32	4211268631
/ehDyn AutoCntrHiSpd M str.Timer2 mS u32	274107514
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-2400.19995
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000615000026
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1482.09998
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.00080999998
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lqc	1
/ehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	600.299988
/ehDyn AutoCntrLoSpd M str.VehSpd kph f32	146.600006
ehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	8.30000019
ehDyn_AutoCntrLoSpd_M_str.CntrWindow HwDeg f32	86.599985
ehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	20423
/ehDyn_AutoCntrLoSpd_M_str.TimerTTHresh_ms_u16 /ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	31368
/ehDyn_AutoCntrLoSpd_M_str.Timer21filestr_ms_u16 /ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004657
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_us2 /ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_us2	219286216
, - ,	2600,30005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 /ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.0999996e-005

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Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000679999997
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	444.037994
VehDyn_MinOffset_HwDeg_M_f32	-1338.89404
VehDyn_PinTrqSV_M_str.SV_UIs_f32	3.20000005
VehDyn_PinTrqSV_M_str.K_UIs_f32 VehDyn_SLPHwAuth_UIs_M_f32	0.000265999988 0.762000024
VehDyn_SLPHwPos_HwDeg_M_f32	-1435.25
k HiSpdVDAuthority Uls f32	0.67699986
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	42.5
k_TravelXCDeadband_Uls_f32	22.8500004
k TravelXCHwAuthority Uls f32	0.0337750018
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2075080192
target_GetSystemTime_mS_u32_CurrentTime	3323480832
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1344.25
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	538.844971
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-4.30000019
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1350
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1988.09998
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	3.20000005
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	357.269989
Name	Expected Value
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4004004657
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	219286216
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.30005 ± 0.009
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1900.5 ± 0.009
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	1
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3323480832
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	274107514
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3323480832
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	219286216
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1 0
VehDyn_LoSpdLearnt_Cnt_M_lgc	-
VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	538.844971 -1344.25
VehDyn_PinTrqSV_M_str.SV_Uls_f32	3.19802499 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.762000024 ± 0.004
target_veribyti_reri_oensonessAuthonty_ois_isz.Value	0.1 02000024 ± 0.004





Name	Expected Value
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1435.25 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

lame	Input Value
	·
htmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	200.199997
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	156.199997
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.1999981
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	42.2000008
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	7034
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	39056
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	274107514
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.6001
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.66999996e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.30005
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000682000013
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	600
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	166.100006
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.2999992
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	12
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	25532
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	27401
'ehDyn AutoCntrHiSpd M str.Timer1 mS u32	2160073393
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	328928812
'ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.3999
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000655699987
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.19995
	0.000812000013
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	200.600006
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156.300003
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.5999999
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	42.2999992
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	7034
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	39056
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	274107514
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.6001
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.1399999e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.30005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000682000013
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	0
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	0
ehDyn_HiSpdLearnt_Cnt_M_lgc	1
ehDyn_nispuceam_on_wigc	0
ehDyn_milanze_cit_wi_gc	1
ehDyn_LoSpuLeann_Cnt_w_gc /ehDyn_MaxOffset_HwDeg_M_f32	449.029999
ehDyn_MinOffset_HwDeg_M_f32	-1332.20996





Name	Input Value
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-5.4000001
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000266999996
VehDyn_SLPHwAuth_Uls_M_f32	0.746999979
VehDyn_SLPHwPos_HwDeg_M_f32	-1424.98999
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	12.1000004
k_TravelXCDeadband_Uls_f32	24.2900009
k_TravelXCHwAuthority_Uls_f32	0.0350000001
target_DtrmnElapsedTime_mS_u32_ElapsedTime	954802432
target_GetSystemTime_mS_u32_CurrentTime	71426560
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1337.98999
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	549.752014
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-7.5
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1350
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1991.54004
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.4000001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	456.649994
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	274107514
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.6001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	71426560
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	328928812
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.3999 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrl oSpd_M_str.Timer2_mS_u32	274107514 -2400.6001 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	-1482.30005 ± 0.009
VehDyn AutoCntrLoSpd M str.Filter1Enable_Cnt_igc VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt_igc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1initialized_Cnt_lgc	0
VehDyn HiSpdLearnt Cnt M Igc	1
VehDyn Initialize Cnt M Igc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn MaxOffset HwDeg M f32	549.752014
VehDyn MinOffset HwDeg M f32	-1337.98999
VehDyn PinTrqSV M str.SV Uls f32	-5.40068007 ± 0.000009
target VehDyn Per1 SensorlessAuthority Uls f32.value	0.746999979 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1424.98999 ± 0.1

Τ	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte Call VehDvn Per1 CP1 CheckpointReached	1



Test Step 2.20 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	457.299988
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	166.300003
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.2999992
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	12.3000002
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27401
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2160073393
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.1001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.68000008e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000684000028
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	200.100006
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	176
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	53.2999992
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	49475
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	38708
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	383750110
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.19995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000696400006
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000814000028
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1 0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	457.700012
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	166.600006
VehDyn AutoCntrLoSpd M str.FiltPinTrq HwNm f32	16.700008
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.6000004
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	27401
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2160073393
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	328928812
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	2800.1001
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	3.1799984e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.5
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000684000028
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	454.022003
VehDyn_MinOffset_HwDeg_M_f32	-1325.526
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.5999999
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000268000003
VehDyn_SLPHwAuth_Uls_M_f32	0.731999993
VehDyn_SLPHwPos_HwDeg_M_f32	-1414.72998
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_UIs_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	53.0999985
k_TravelXCDeadband_Uls_f32	25.7299995
k_TravelXCHwAuthority_UIs_f32	0.0362249985
	2728878080
target_DtrmnElapsedTime_mS_u32_ElapsedTime	
target_GetSystemTime_mS_u32_CurrentTime	2430672128
target_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	2430672128 target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_GetSystemTime_mS_u32_CurrentTime	2430672128

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target VehDyn Per1 RelHwPos HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target VehDyn Per1 VehicleSpeedValid Cnt Igc
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target VehDyn Per1 VehicleSpeed Kph f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1331.72998
target VehDyn Per1 CwEOT HwDeg f32.value	560.658997
target_VehDyn_Per1_HwTorque_HwNm_f32.value	6.25
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	0
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-2001.54004
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	7.5999999
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	0
target VehDyn Per1 VehicleSpeed Kph f32.value	258.880005
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2160073393
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.1001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2430672128
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	383750110
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2430672128
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	328928812
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.1001 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn Initialize Cnt M Igc	1
VehDyn LoSpdLearnt Cnt M Igc	0
, = , = = = = = = = = = = = = = = = = =	454.022003
	669.809998
	0.731999993 ± 0.004
· - · ·	
	0 454.022003 669.809998 7.59967661 ± 0.000009

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.21 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	498.200012	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	176.199997	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.1999998	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	53.2000008	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	49475	

VehDyn_Per1

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Name Input Value





Name	Input Value
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	2013.41003
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.5
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	369.170013
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	383750110
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.59998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.80005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2242866176
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.400024 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	383750110
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.59998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.80005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-1441.84399
VehDyn_MinOffset_HwDeg_M_f32	-1318.84204
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.49902284 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.717000008 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1404.46997 ± 0.1

Τ	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.22 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	539.299988
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	186.300003
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.3000002
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.3000031
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	43128
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58869
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.099976
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.7000001e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000688
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	498
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	196

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53759
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	18715
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4290967295
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.19995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000777799985
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.200012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000818
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	539.700012
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	186.600006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.6999998
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.5999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	43128
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	58869
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.099976
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.26000008e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDog_str.SV_Uls_f32	-1482.19995 0.000688
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0.00088
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn HiSpdLearnt Cnt M Igc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	464.006012
VehDyn_MinOffset_HwDeg_M_f32	-1312.15796
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60000002
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00026999999
VehDyn_SLPHwAuth_Uls_M_f32	0.702000022
VehDyn_SLPHwPos_HwDeg_M_f32	-1394.20996
k_HiSpdVDAuthority_UIs_f32	1
k_LoSpdVDAuthority_UIs_f32	0.800000012 96.5
k_SysKinRatio_MtrDegpHwDeg_f32 k_TravelXCDeadband_Uls_f32	28.6100006
k_TravelXCHwAuthority_UIs_f32	0.038674999
target_DtrmnElapsedTime_mS_u32_ElapsedTime	309385728
target_GetSystemTime_mS_u32_CurrentTime	2269150976
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_kte_inst_Ap_venDyn.venDyn_Peri_veniclespeed_kpn_t32 target_VehDyn_Peri_CcwEOT_HwDeg_f32.value	-1319.20996
target VehDyn Per1 CwEOT_HwDeg_l32.value	582.473022
target VehDyn Per1 HwTorque HwNm f32.value	-7.11999989
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-900.450012
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1947.64001
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.60000002
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	156.550003
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.099976 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
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Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2269150976
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2269150976
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.099976 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.19995 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	582.473022
VehDyn_MinOffset_HwDeg_M_f32	-1319.20996
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60149491 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.800000012 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1600 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	580.099976
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	196.100006
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.0999985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53759
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	18715
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4290967295
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2345892861
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.59998
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.7099999e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.299988
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000690000015
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	539.299988
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	206
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2.5
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	45.0999985
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	13352
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	14442
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1078320779
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.40002
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000818500004
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.100006
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000820000016
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	580.119995
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	196.5
VehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	10.1199999
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.5
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53759
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	18715
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4290967295
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.59998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.30000003e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.299988
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000690000015
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	468.997986
VehDyn_MinOffset_HwDeg_M_f32	-1305.474
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-14.8000002
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000270999997
VehDyn_SLPHwAuth_Uls_M_f32	0.686999977
VehDyn_SLPHwPos_HwDeg_M_f32	-1383.94995
k_HiSpdVDAuthority_UIs_f32	0
	0.699999988
k_LoSpdVDAuthority_UIs_f32	
k_SysKinRatio_MtrDegpHwDeg_f32	45.099985
k_TravelXCDeadband_Uls_f32	30.0499992
k_TravelXCHwAuthority_Uls_f32	0.0399000011
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4164171008
target_GetSystemTime_mS_u32_CurrentTime	3533260288
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessHwPos HwDeg f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 TorqueCmdCRF MtrNm f32	
	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1312.94995
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	593.380005
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-8.02999973
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-900.450012
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-3200
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	135.550003
Name	Expected Value
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VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4290967295
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.59998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.299988 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3533260288
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.40002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.100006 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4290967295
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892861

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Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.59998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.299988 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	593.380005
VehDyn_MinOffset_HwDeg_M_f32	-1312.94995
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-14.7981377 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.686999977 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1383.94995 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

t Value _DtrmnElapsedTime_mS_u32_ElapsedTime _GetSystemTime_mS_u32_CurrentTime _Rte_Inst_Ap_VehDyn 99988 99997 00005 00008 2 2 2 320779 156835 09998 00011e-006 99994 691999972
GetSystemTime_mS_u32_CurrentTime Rte_Inst_Ap_VehDyn 99988 99997 00005 00008 2 2 2 320779 156835 00998 00011e-006 99994 6911999972
_Rte_Inst_Ap_VehDyn 99988 99997 00005 00008 2 2 2 320779 156835 09998 00011e-006 999994 691999972
99988 99997 00005 00008 2 2 2 320779 156835 09998 00011e-006 99994 691999972
99997 00005 00008 2 2 320779 156835 00998 00011e-006 99994 69199972
99997 00005 00008 2 2 320779 156835 00998 00011e-006 99994 69199972
00005 00008 2 2 320779 156835 00998 00011e-006 99994 691999972
00008 2 2 320779 156835 09998 00011e-006 99994 691999972
2 320779 156835 09998 00011e-006 99994 691999972
2 320779 156835 09998 00011e-006 99994 691999972
320779 156835 09998 00011e-006 99994 691999972
156835 09998 00011e-006 99994 691999972
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00011e-006 99994 691999972
99994 691999972
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10007
99989
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2
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56835 09998

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Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.399994
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000691999972
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_Histolian Cot M. Iso	0
VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	1 0
VehDyn MaxOffset HwDeg M f32	473.98999
VehDyn_MinOffset_HwDeg_M_f32	-1298.79004
VehDyn PinTrqSV M str.SV Uls f32	17.7999992
VehDyn PinTrgSV M str.K Uls f32	0.000272000005
VehDyn_SLPHwAuth_Uls_M_f32	0.671999991
VehDyn_SLPHwPos_HwDeg_M_f32	-1373.68994
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_Uls_f32	0.40000006
k_SysKinRatio_MtrDegpHwDeg_f32	78.0999985
k_TravelXCDeadband_Uls_f32	31.4899998
k_TravelXCHwAuthority_Uls_f32	0.0411249995
target_DtrmnElapsedTime_mS_u32_ElapsedTime	437658624
target_GetSystemTime_mS_u32_CurrentTime	812314880
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target VehDyn Per1 RelHwPos HwDeg f32
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessAuthority Uls f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1306.68994
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	604.286987
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-8.93999958
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	800.849976
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	3200
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-7.30000019
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	354.140015
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1078320779
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.09998 ± 0.009 456.399994 ± 0.0009
VehDyn AutoCntrDetSpd_M_str.Filter1Enable Cnt lgc	1
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	1
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	812314880
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	812314880
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.399994 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn Initialize Cnt M Igc	1
VehDyn LoSpdLearnt Cnt M Igc	0
VehDyn_MaxOffset_HwDeg_M_f32	-2595.71289
	-1298.79004
VehDyn_MinOffset_HwDeg_M_f32	1200.10001
VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_Uls_f32	17.7927017 ± 0.00009





Name	Expected Value
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1600 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Fest Step 2.25 (Repeat Count = 1)	
lame	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn AllowHiSpdAutoCntr Cnt M Igc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	662.200012
ehDyn AutoCntrDetSpd M str.VehSpd kph f32	216.300003
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.30000019
ehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	78.300031
ehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	21364
ehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	52716
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
ehDyn AutoCntrDetSpd M str.Timer2 mS u32	2760420810
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.59998
ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	2.7300001e-006
ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1482.5
ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000693999988
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt lgc	1
ehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	621,299988
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	226.100006
, - , , - , - , - , - , - , - , - ,	6.30000019
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	96
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	33198
, =	7778
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2345892861
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.30005
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000899899984
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.099976
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000823999988
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	662.210022
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	216.5
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.19999981
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	78.5
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21364
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52716
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2138628886
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420810
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.59998
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.37999991e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.5
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000693999988
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	t.
ehDyn_HiSpdLearnt_Cnt_M_lgc	1
ehDyn_Initialize_Cnt_M_lgc	1
ehDyn_LoSpdLearnt_Cnt_M_lgc	1
ehDyn_MaxOffset_HwDeg_M_f32	478.981995
ehDyn_MinOffset_HwDeg_M_f32	-1292.10596

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Name	Input Value
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-7
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000273000012
VehDyn_SLPHwAuth_Uls_M_f32	0.657000005
VehDyn_SLPHwPos_HwDeg_M_f32	-1363.43005
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_Uls_f32	0.779999971
k_SysKinRatio_MtrDegpHwDeg_f32	96.3000031
k_TravelXCDeadband_Uls_f32	32.9300003
k_TravelXCHwAuthority_Uls_f32	0.0423500016
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3941357312
target_GetSystemTime_mS_u32_CurrentTime	3437401088
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1300.43005
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	615.19397
target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-4
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-418.450012 0
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.29999995
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	126.401001
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.59998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3437401088
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.099976 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.59998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	478.981995
VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_UIs_f32	-1292.10596 -6.99917746 ± 0.000009
target VehDyn Per1 SensorlessAuthority Uls f32.value	-6.99917746 ± 0.000009 0.657000005 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1363.43005 ± 0.104
go onon on one on twi og_nvbog_ioz.value	.0000000 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte Call VehDvn Per1 CP1 CheckpointReached	1





Test Step 2.26 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime mS u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte Inst Ap VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	124.300003
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	226.300003
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.30000019
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.3000031
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	33198
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	7778
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892861
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.09998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.7399999e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.599976
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000696000003
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	662.099976
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	236
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.30000019
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32.2999992
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21335
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	34188
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000940600003
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.299988
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000826000003
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	124.199997
VehDyn_AutoCntrl_oSpd_M_str.VehSpd_kph_f32	226.100006
VehDyn_AutoCntrloSpd_M_str.FiltPinTrq_HwNm_f32	6.1999981 96.099985
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	33198
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	7778
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2345892861
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.09998
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	3.41999985e-005
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-753.599976
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000696000003
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	483.973999
VehDyn_MinOffset_HwDeg_M_f32	-1285.422
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.30000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000273999991
VehDyn_SLPHwAuth_Uls_M_f32	0.64200002
VehDyn_SLPHwPos_HwDeg_M_f32	-1353.17004
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_UIs_f32	0.870000005
k_SysKinRatio_MtrDegpHwDeg_f32	32.5
k_TravelXCDeadband_Uls_f32	34.3699989
k_TravelXCHwAuthority_Uls_f32	0.043575
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3304439296
target_GetSystemTime_mS_u32_CurrentTime	3494315776
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 TorqueCmdCRF MtrNm f32	target VehDyn Per1 TorqueCmdCRF MtrNm f32
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeedValid Cnt Igc	target VehDyn Per1 VehicleSpeedValid Cnt Igc
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target VehDyn Per1 VehicleSpeed Kph f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1294.17004
target VehDyn Per1 CwEOT HwDeg f32.value	626.101013
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7.51000023
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-425.213989
target VehDyn Per1 RelHwPos HwDeg f32.value	1440.88
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	0
target VehDyn Per1 VehicleSpeed Kph f32.value	354.769989
Name	Expected Value
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	2345892861
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-2000.09998 ± 0.009
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-753.599976 ± 0.0009
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3494315776
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.299988 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3494315776
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.599976 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	626.101013
VehDyn_MinOffset_HwDeg_M_f32	-1294.17004
VehDyn_PinTrqSV_M_str.SV_UIs_f32	6.3003788 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.870000005 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1600 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.27 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	138.100006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	236.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.10000038
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	32.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21335

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	34188
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.59998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.75000002e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.799988
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000698000018
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	246.100006
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	52
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	29076
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	43868
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.19995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000981300022
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.40002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000828000018
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	138.100006
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	236.199997
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.10000038
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	32.2099991
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21335
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	34188
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.59998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.46000015e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.799988
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000698000018
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt lgc	1
VehDyn HiSpdLearnt Cnt M Igc	1
	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	
VehDyn_MaxOffset_HwDeg_M_f32	488.966003
VehDyn_MinOffset_HwDeg_M_f32	-1278.73804
VehDyn_PinTrqSV_M_str.SV_UIs_f32	15.1999998
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000274999999
VehDyn_SLPHwAuth_Uls_M_f32	0.626999974
VehDyn_SLPHwPos_HwDeg_M_f32	-1342.91003
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_Uls_f32	0.200000003
k_SysKinRatio_MtrDegpHwDeg_f32	52.0999985
k_TravelXCDeadband_Uls_f32	35.8100014
k_TravelXCHwAuthority_Uls_f32	0.0447999984
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2167769344
target_GetSystemTime_mS_u32_CurrentTime	463842816
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_venbyn_ren_sensoriessAuthority_ois_i32 target_venbyn_Per1_SensoriessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1287.91003
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	637.007996
	7.55000019
target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	752.820007





Name	Input Value
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1200.56006
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	452.869995
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.59998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.799988 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	463842816
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.40002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.59998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.799988 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	637.007996
VehDyn_MinOffset_HwDeg_M_f32	-1287.91003
VehDyn_PinTrqSV_M_str.SV_Uls_f32	15.1978722 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.626999974 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1342.91003 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.28 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	86
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	246
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	29076
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	43868
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.80005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.75999992e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.90002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000699999975
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	138
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	84.5

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	12.1000004
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	72
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	32821
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	53946
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784
	3589476708
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	-1482.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00102199998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.09998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000829999975
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	86.199969
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	246.100006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.1999998
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.0999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	29076
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	43868
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.80005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.50000009e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.90002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000699999975
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_Igc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	493.958008
VehDyn_MinOffset_HwDeg_M_f32	-1272.05396
VehDyn_PinTrqSV_M_str.SV_UIs_f32	14
	0.000276000006
VehDyn_PinTrqSV_M_str.K_Uls_f32	
VehDyn_SLPHwAuth_Uls_M_f32	0.611999989
VehDyn_SLPHwPos_HwDeg_M_f32	-1332.65002
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_Uls_f32	0.649999976
k_SysKinRatio_MtrDegpHwDeg_f32	1
k TravelXCDeadband Uls f32	37.25
k_TraveIXCHwAuthority_UIs_f32	0.0460250005
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3714197504
target_GetSystemTime_mS_u32_CurrentTime	1759885568
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target VehDyn Per1 SensorlessAuthority Uls f32
	· - · -
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1281.65002
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	647.914978
target VehDyn Per1 HwTorque HwNm f32.value	7.59000015
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-158.410004
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1950.13
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.9000001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	423.23999
Name	Expected Value
	1
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.80005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.90002 ± 0.009
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	
veribyti Autochti betopu ivi sti. Filter i Eriable Chi iuc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Entable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1 1 0

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Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1759885568
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1759885568
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.80005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.90002 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-1302.21497
VehDyn_MinOffset_HwDeg_M_f32	-1272.05396
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.9968786 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.649999976 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1600 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	44.2999992
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	84.3000031
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.3000002
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	72.3000031
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	32821
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	53946
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3589476708
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.90002
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.77000004e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.80005
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00070199999
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86.3000031
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	64
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.5
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	92.0999985
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	40437
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	13059
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3174948759
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.200012
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00106269994
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.40002
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000831999991
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	44.4000015
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	84.5
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.3999996
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	72.5
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	32821
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	53946
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.90002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3,54000003e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.80005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00070199999
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt Igc	1
	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	498.950012
VehDyn_MinOffset_HwDeg_M_f32	-1265.37
VehDyn_PinTrqSV_M_str.SV_Uls_f32	8.89999962
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000277000014
VehDyn_SLPHwAuth_Uls_M_f32	0.597000003
VehDyn_SLPHwPos_HwDeg_M_f32	-1322.39001
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_Uls_f32	0.779999971
k_SysKinRatio_MtrDegpHwDeg_f32	100
k_TravelXCDeadband_Uls_f32	38.6899986
k_TravelXCHwAuthority_Uls_f32	0.0472499989
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3323480832
target_GetSystemTime_mS_u32_CurrentTime	1662097408
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target VehDyn Per1 RelHwPos HwDeg f32
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessAuthority Uls f32	
	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1275.39001
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	658.822021
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7.63000011
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	753.549988
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1885.40002
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.89999998
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	62.8899994
Name	Expected Value
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3589476708
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1482.90002 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.Sv_Uls_f32	1900.80005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.ReinwPosFitt25V_hwbeg_str.5v_ois_i32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1900.00005 ± 0.009
	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1662097408
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.40002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476708

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Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.90002 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.80005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-1226.578
VehDyn_MinOffset_HwDeg_M_f32	-1265.37
VehDyn_PinTrqSV_M_str.SV_Uls_f32	8.89964294 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.597000003 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1322.39001 ± 0.1

Τ	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.30 (Repeat Count = 1)	
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	96.4000015
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	64.4000015
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.3999996
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	92.4000015
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	40437
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	13059
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948759
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.799988
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.77999993e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.90002
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000704000005
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	0
/ehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	0
/ehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	44
/ehDyn AutoCntrHiSpd M str.VehSpd kph f32	52.0999985
/ehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	16.1000004
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	10.3999996
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2291
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58929
/ehDyn AutoCntrHiSpd M str.Timer1 mS u32	3382212733
/ehDyn AutoCntrHiSpd M str.Timer2 mS u32	4004004657
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	456.5
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.00110340002
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	2600.36011
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000834000006
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lqc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrlispa_iv_sit.filletziffillatizea_cnt_igc	96.1999969
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	64.4000015
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.5
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	92.4000015
enDyn_AutoCntrLoSpd_M_str.Cntrvvindow_nwDeg_is2 /ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	40437
· - ·	13059
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3174948759
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 /ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	-753.799988 3.5799998e-005

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	Input Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.90002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000704000005
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0 0
VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn MaxOffset HwDeg M f32	503.941986
VehDyn_MinOffset_HwDeg_M_f32	-1258.68604
VehDyn PinTrqSV M str.SV Uls f32	13.899996
VehDyn PinTrgSV M str.K Uls f32	0.000277999992
VehDyn SLPHwAuth Uls M f32	0.582000017
VehDyn_SLPHwPos_HwDeg_M_f32	-1312.13
k HiSpdVDAuthority Uls f32	1
k_LoSpdVDAuthority_UIs_f32	0.87999995
k_SysKinRatio_MtrDegpHwDeg_f32	50.2999992
k_TravelXCDeadband_Uls_f32	40.1300011
k_TravelXCHwAuthority_Uls_f32	0.048475001
target_DtrmnElapsedTime_mS_u32_ElapsedTime	71426560
target_GetSystemTime_mS_u32_CurrentTime	2127166208
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1269.13
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	669.729004
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7.6700008
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	159.360001 -1887.65002
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.1999981
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	123.330002
Name	Expected Value
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948759
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.799988 ± 0.0009
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1900.90002 ± 0.009
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2127166208
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.5 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.36011 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2127166208
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.799988 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.90002 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	1 0
VehDyn MaxOffset HwDeg M f32	669.729004
VOIDVII IVIANOIISEL LIWDEU IVI ISZ	
·	-1269 13
VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_UIs_f32	-1269.13 13.8983135 ± 0.00009

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Name	Expected Value
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	13.25 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

lame	Input Value
	•
htmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	100.09998
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	52.099985
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.1000004
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	10.1000004
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	2291
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58929
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004657
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.899994
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.79000005e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.80005
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000706000021
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	96.3000031
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	34.0999985
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	20.5
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	38868
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	57944
/ehDyn AutoCntrHiSpd M str.Timer1 mS u32	3589476708
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.19995
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00114409998
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.1001
	0.000836000021
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	100.400002
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	52.5400009
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.5
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	10.1999998
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	2291
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	58929
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3382212733
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004657
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.899994
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.61999992e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.80005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000706000021
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc	0
ehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
ehDyn_HiSpdLearnt_Cnt_M_lgc	1
/ehDyn Initialize Cnt M lgc	0
/ehDyn_LoSpdLearnt_Cnt_M_lgc	1
/ehDyn_Loopatcam_ont_w_ge /ehDyn_MaxOffset HwDeg_M_f32	508.93399
/ehDyn_MinOffset_HwDeg_M_f32	-1252.00195

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Name Input Value VehDyn_PinTrqSV_M_str.SV_UIs_f32 -18.7999992 VehDyn_SLPHwAuth_UIs_M_f32 0.000279 VehDyn_SLPHwPos_HwDeg_M_f32 -1301.87 k_HiSpdVDAuthority_UIs_f32 0 k_OSpdVDAuthority_UIs_f32 0.99000001 k_SyskinRatio_MtrDegpHwDeg_f32 10.1000004 k_TraveIXCDeadband_UIs_f32 41.5699997 k_TraveIXCHwAuthority_UIs_f32 0.0496999994 k_TraveIXCHwAuthority_UIs_f32 44.0672128 k_TraveIXCHwAuthority_UIs_f32 44.0672128 target_DtmmElapsedTime_mS_u32_CurrentTime 42430672128 target_Rel_inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rel_inst_Ap_VehDyn.VehDyn_Per1_EwT_Crue_HwNim_f32 target_VehDyn_Per1_HwTorque_HwNim_f32 target_Rel_inst_Ap_VehDyn.VehDyn_Per1_MotorvelCRF_MtrRadpS_f32 target_VehDyn_Per1_HwTorque_HwNim_f32 target_Rel_inst_Ap_VehDyn.VehDyn_Per1_SensoriessHwPos_HwDeg_f32 target_VehDyn_Per1_SensoriessHwPos_HwDeg_f32 target_Rel_inst_Ap_VehDyn.VehDyn_Per1_SensoriessHwPos_HwDeg_f32 target_VehDyn_Per1_SensoriessHwPos_HwDeg_f32 target_Rel_inst_Ap_VehDyn.VehDyn_Per1_SensoriessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	
VehDyn_PinTrqSV_M_str.K_Uls_f32 0.000279 VehDyn_SLPHwAuth_Uls_M_f32 0.566999972 VehDyn_SLPHwPos_HwDeg_M_f32 -1301.87 k_HiSpdVDAuthority_Uls_f32 0 k_LoSpdVDAuthority_Uls_f32 0.99000001 k_SysKinRatio_MtrDepghtwDeg_f32 10.1000004 k_TravelXCDeadband_Uls_f32 41.5699997 k_TravelXCHwAuthority_Uls_f32 0.9496999994 target_DtrmnElapsedTime_mS_u32_ElapsedTime 2430672128 target_DtrmnElapsedTime_mS_u32_CurrentTime 4243378688 target_Rie_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rie_Inst_Ap_VehDyn.VehDyn_Per1_MotorVeiCRF_MtrRadpS_f32 target_VehDyn_Per1_LWTorque_HwNm_f32 target_Rie_Inst_Ap_VehDyn.VehDyn_Per1_MotorVeiCRF_MtrRadpS_f32 target_VehDyn_Per1_MotorVeiCRF_MtrRadpS_f32 target_Rie_Inst_Ap_VehDyn.VehDyn_Per1_ReiHwPos_HwDeg_f32 target_VehDyn_Per1_SensoriessAuthority_Uls_f32 target_Rie_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_SensoriessAuthority_Uls_f32 target_Rie_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed/VehJus_fa2 target_VehDyn_Per1_SensoriessAuthority_Uls_f32 target_Rie_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32	
VehDyn_SLPHwAuth_Uls_M_f32 0.566999972 VehDyn_SLPHwPos_HwDeg_M_f32 -1301.87 k_HiSpdvDAuthority_Uls_f32 0 k_LoSpdvDAuthority_Uls_f32 0.99000001 k_SysKinRatio_MtrDegpHwDeg_f32 10.1000004 k_TravelXCDeadband_Uls_f32 41.5699997 k_TravelXCHwAuthority_Uls_f32 0.0496999994 target_DimmElapsedTime_mS_u32_CurrentTime 2430672128 target_Rel_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_LwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_LwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwMm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	
VehDyn_SLPHwPos_HwDeg_M_f32 -1301.87 k_HiSpdVDAuthority_Uls_f32 0 k_LoSpdVDAuthority_Uls_f32 0.99000001 k_Syskinkalio_MItDegpHwDeg_f32 10.1000004 k_TravelXCDeadband_Uls_f32 41.5699997 k_TravelXCHwAuthority_Uls_f32 0.0496999994 target_DtrmnElapsedTime_mS_u32_ElapsedTime 2430672128 target_DtrmnElapsedTime_mS_u32_CurrentTime 4243378688 target_Rel_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_EwFOrque_HwMm_f32 target_VehDyn_Per1_HwTorque_HwMm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_CwEOT_HwDeg_f32.value -1262.87 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value -1	
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target_Rte_Inst_Ap_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value -1262.87 target_VehDyn_Per1_CwEOT_HwDeg_f32.value -1262.87 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value -17.71000004 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value -17.53.09998 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value -8.39999962	
target_Rte_Inst_Ap_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value -7753.09998 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value -8.39999962	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_NotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_NotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_VehicleSpeed_Kph_g32 target_VehDyn_Per1_VehicleSpeed_VehDyn_Per1_VehicleSpeed_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_Veh	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_NotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_VehicleSpeed_Kph_g32 target_VehDyn_Per1_VehicleSpeed_VehDyn_Per1_VehicleSpeed_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_Veh	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Pe	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value 1100.40002 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value -7753.09998 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value -8.39999962	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value 680.635986 target_VehDyn_Per1_HwTorque_HwNm_f32.value 7.71000004 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 1100.40002 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value -1753.09998 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value -8.39999962	
target_Rte_Inst_Ap_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value 680.635986 target_VehDyn_Per1_HwTorque_HwNm_f32.value 7.71000004 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 1100.40002 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value 1753.09998 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value -8.39999962	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value -1262.87 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 680.635986 target_VehDyn_Per1_HwTorque_HwNm_f32.value 7.71000004 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 1100.40002 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value -1753.09998 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value -8.39999962	
target_VehDyn_Per1_HwTorque_HwNm_f32.value 7.71000004 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 1100.40002 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value -1753.09998 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value -8.39999962	
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 1100.40002 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value -1753.09998 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value -8.39999962	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value -1753.09998 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value -8.39999962	
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value -8.39999962	
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value 1	
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 56.75	
Name Expected Value	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 1	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 3382212733	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 4004004657	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 456.899994 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 2600.80005 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 4211268631 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -2500.19995 ± 0.009	
7 2 3 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1	
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc 0	
VehDyn AutoCntrLoSpd M str.Timer1 mS u32 3382212733	
VehDyn AutoCntrLoSpd M str.Timer2 mS u32 4004004657	
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32 456.899994 ± 0.0009	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 1	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 0	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 0	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 1	
VehDyn_HiSpdLearnt_Cnt_M_lgc 1	
VehDyn_Initialize_Cnt_M_lgc 1	
VehDyn_LoSpdLearnt_Cnt_M_lgc 1	
VehDyn_MaxOffset_HwDeg_M_f32 680.635986	
VehDyn_MinOffset_HwDeg_M_f32 -1262.87	
VehDyn_PinTrqSV_M_str.SV_Uls_f32 -18.7928352 ± 0.00009	
target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value 0.566999972 ± 0.004	
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value -1301.87 ± 0.1	

Τ	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte Call VehDvn Per1 CP1 CheckpointReached	1





Test Step 2.32 (Repeat Count = 1)	Innuit Value
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	124.300003
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	34.2999992 18.2999992
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	20,2999992
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	38868
VehDyn_AutoCntrDetSpd_W_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	57944
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AdioChtrDetSpd_M_str.Timer1_m3_d32 VehDyn_AdioChtrDetSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.80005
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	2.7999995e-006
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-2400.3999
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000707999978
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	100.099998
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	18.3999996
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	3.5999999
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	30.6000004
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52282
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000508000026
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000837999978
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	124.099998
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	34.7999992
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.7999992
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	20.7999992
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	38868
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	57944
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.80005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.65999986e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.3999
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000707999978
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0 513.926025
/ehDyn_MaxOffset_HwDeg_M_f32	
/ehDyn_MinOffset_HwDeg_M_f32 /ehDyn_PinTrqSV_M_str.SV_Uls_f32	-1245.31799 18.7999992
venDyn_PinTrqSv_M_str:Sv_Uis_f32 /ehDyn_PinTrqSV_M_str:K_Uis_f32	18.7999992 0.000280000007
venDyn_PinTrqSv_m_str.K_uis_132 /ehDyn_SLPHwAuth_Uis_M_f32	0.000280000007
/ehDyn_SLPHwPos_HwDeg_M_f32	-1291.60999
<pre>c_HiSpdVDAuthority_Uls_f32</pre>	1
C_NSpdVDAuthority_Uls_f32	0.89999976
<pre><_LospavDAutifofity_dis_isz</pre> <pre><_SysKinRatio_MtrDegpHwDeg_f32</pre>	0.099999976 25.1000004
 С_Syskinkatio_witbegphwbeg_is2 TravelXCDeadband Uls f32 	43.0099983
k_fravelXCDeadband_bis_is2 k_fravelXCHwAuthority_Uls_f32	43.0099963 0.0509250015
target DtrmnElapsedTime mS u32 ElapsedTime	2242866176
target_DtrifficiapsedTiffe_ffis_usz_EtapsedTiffie target_GetSystemTime_mS_us2_CurrentTime	1050692864
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1256.60999
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	691.54303
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-2
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1235.41003
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	935.01001
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	42.4500008
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.80005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.3999 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1050692864
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1050692864
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.80005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.3999 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-243.466995
VehDyn_MinOffset_HwDeg_M_f32	-1245.31799
VehDyn_PinTrqSV_M_str.SV_Uls_f32	18.7942314 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.89999976 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1600 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.33 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	78.8000031
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	216.800003
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	1.7999995
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	88.8000031
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53970

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	52282
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1078320779
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	383750110
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.900024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.81000007e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.09998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000709999993
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	88.0999985
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.5
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	40.2999992
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	20423
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	31368
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004657
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-2400.19995
VehDyn_AutoCntrhiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000509999983
VehDyn AutoCntrhiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1438.09998
· · · · · · · · · · · · · · · · · · ·	0.00083999993
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	70,000024
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	78.8000031
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	216.5
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	88.5
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52282
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1078320779
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	383750110
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.900024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.70000016e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.09998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00070999993
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn MaxOffset HwDeg M f32	518.91803
VehDyn_MinOffset_HwDeg_M_f32	-1238.63403
VehDyn_PinTrqSV_M_str.SV_Uls_f32	0
VehDyn PinTrqSV M str.K Uls f32	0.000280999986
VehDyn SLPHwAuth Uls M f32	0.537
VehDyn_SLPHwPos_HwDeg_M_f32	-1281.34998
k_HiSpdVDAuthority_Uls_f32	-1201.34990
	0.100000001
k_LoSpdVDAuthority_Uls_f32	
k_SysKinRatio_MtrDegpHwDeg_f32	86.3000031
k_TravelXCDeadband_Uls_f32	44.4500008
k_TravelXCHwAuthority_UIs_f32	0.0521499999
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2269150976
target_GetSystemTime_mS_u32_CurrentTime	3039943680
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	
	-1250.34998
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	
	-1250.34998 702.450012 -2.20000005





Name	Input Value
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-888.799988
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	52.9799995
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1078320779
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	383750110
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.900024 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3039943680
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1078320779
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	383750110
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.900024 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	518.91803
VehDyn_MinOffset_HwDeg_M_f32	-361.549988
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-0.000599965977 ± 0.0000000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.537 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1281.34998 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Immut Value
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	88.5
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	226.5
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.5
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	75.5
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	20423
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	31368
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.799988
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.81999996e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000712000008
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	78.4000015
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	76





Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	1.10000002
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	50.1399994
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	7034
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	39056
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	109643620
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000511999999
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.099976
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000842000009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	88.5
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	226.800003
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	2.5
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	75.8000031
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	20423
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	31368
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.799988
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.7400001e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000712000008
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	523.909973
VehDyn_MinOffset_HwDeg_M_f32	-1231.94995
VehDyn_PinTrqSV_M_str.SV_Uls_f32	14.5
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000281999994
VehDyn_SLPHwAuth_Uls_M_f32	0.522000015
VehDyn_SLPHwPos_HwDeg_M_f32	-1271.08997
k_HiSpdVDAuthority_UIs_f32	0.99000001
k_LoSpdVDAuthority_Uls_f32	0.20000003
k_SysKinRatio_MtrDegpHwDeg_f32	56.5
k_TravelXCDeadband_Uls_f32	45.8899994
k_TravelXCHwAuthority_Uls_f32	0.0533749983
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3533260288
target_GetSystemTime_mS_u32_CurrentTime	1316564736
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 CwEOT HwDeg f32	target VehDyn Per1 CwEOT HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target Rte Inst Ap VehDyn.VehDyn Per1 MotorVelCRF MtrRadpS f32	target VehDyn Per1 MotorVelCRF MtrRadpS f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1244.08997
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	713.356995
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-2.4000001
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.539978
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	425.5
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	128.880005
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
	2138628886
Vehl)vn Auto(Cntrl)etSnd M str Limer1 mS u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.799988 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.799988 ± 0.0009 -1482.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.799988 ± 0.0009

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Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1316564736
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	109643620
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.099976 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1316564736
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.799988 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	713.356995
VehDyn_MinOffset_HwDeg_M_f32	-1244.08997
VehDyn_PinTrqSV_M_str.SV_UIs_f32	14.4951944 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.200000003 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1600 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	94.0999985
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	236.100006
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.0999999
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	97.0999985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	7034
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	39056
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892861
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.8999
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.83000008e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.299988
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000714000023
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	88.3000031
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	86.5400009
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	7.5999999
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	60.0999985
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	25532
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	27401
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2160073393
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	164464918
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.5
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000514000014
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.40002
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000844000024
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	94.099985
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	236.699997
VehDyn_AutoCntrl_cSpd_M_str.FiltPinTrq_HwNm_f32	4.099999
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	97.6999969 7034
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	39056
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2345892861
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.8999
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.78000004e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.299988
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000714000023
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	1 0
VehDyn_Initialize_Cnt_M_igc VehDyn_LoSpdLearnt_Cnt_M_igc	1
VehDyn_MaxOffset_HwDeg_M_f32	528.901978
VehDyn MinOffset HwDeg M f32	-1225.26599
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-12.6000004
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000283000001
VehDyn_SLPHwAuth_Uls_M_f32	0.507000029
VehDyn_SLPHwPos_HwDeg_M_f32	-1260.82996
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_Uls_f32	0.300000012
k_SysKinRatio_MtrDegpHwDeg_f32	54.0999985
k_TravelXCDeadband_Uls_f32	47.3300018
k_TraveIXCHwAuthority_UIs_f32	0.0546000004
target_DtrmnElapsedTime_mS_u32_ElapsedTime	812314880
target_GetSystemTime_mS_u32_CurrentTime	2075080192
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target Rte Inst Ap VehDyn.VehDyn Per1 MotorVelCRF MtrRadpS f32	target VehDyn Per1 MotorVelCRF MtrRadpS f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1237.82996
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	724.263977
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-2.5999999 4353.4400F
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeq_f32.value	-1253.44995 -2000.19995
target_VenDyn_Per1_ReiHwPos_HwDeg_132.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.80000019
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	139.119995
Name	Expected Value
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892861
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.8999 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.299988 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	0
	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0 1 2075080192
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0 1 2075080192 164464918
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0 1 2075080192 164464918 -1438.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0 1 2075080192 164464918 -1438.5 ± 0.009 -1988.40002 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0 1 2075080192 164464918 -1438.5 ± 0.009 -1988.40002 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0 1 2075080192 164464918 -1438.5 ± 0.009 -1988.40002 ± 0.009 0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0 1 2075080192 164464918 -1438.5 ± 0.009 -1988.40002 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0 1 2075080192 164464918 -1438.5 ± 0.009 -1988.40002 ± 0.009 0





Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.8999 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.299988 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	724.263977
VehDyn_MinOffset_HwDeg_M_f32	-1237.82996
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-12.5971289 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.507000029 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1260.82996 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
OtrmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M Igc	1
/ehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	126.599998
/ehDyn AutoCntrDetSpd M str.VehSpd kph f32	246.600006
/ehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	6.5999999
/ehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	86.5999985
/ehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	25532
/ehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	27401
/ehDyn AutoCntrDetSpd M str.Timer1 mS u32	2553156835
/ehDyn AutoCntrDetSpd M str.Timer2 mS u32	3174948759
/ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	2600.80005
/ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	2.8399998e-006
/ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	456.200012
/ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.00071599998
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	1
/ehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt lgc	1
/ehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	0
/ehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	94.5
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	96.4499969
/ehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	13.1000004
/ehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	70.4000015
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	49475
/ehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	38708
/ehDyn AutoCntrHiSpd M str.Timer1 mS u32	54822322
/ehDyn AutoCntrHiSpd M str.Timer2 mS u32	219286216
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	753,200012
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000515999971
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.09998
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000845999981
/ehDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt lgc	1
/ehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	126.699997
/ehDyn AutoCntrLoSpd M str.VehSpd kph f32	246.300003
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrg_HwNm_f32	6.6999981
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.3000031
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	25532
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27401
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948759
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.80005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.8199998e-005



Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.200012
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00071599998
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn MaxOffset HwDeg M f32	533.893982
VehDyn_MinOffset_HwDeg_M_f32	-1218.58203
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.80000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.51000006e-006
VehDyn_SLPHwAuth_Uls_M_f32	0.492000014
VehDyn_SLPHwPos_HwDeg_M_f32	-1250.56995
k_HiSpdVDAuthority_Uls_f32	0.779999971
k_LoSpdVDAuthority_Uls_f32	0.40000006
k_SysKinRatio_MtrDegpHwDeg_f32	85.099985
k_TravelXCDeadband_Uls_f32 k_TravelXCHwAuthority_Uls_f32	48.7700005 0.0558249988
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3345084416
target_GetSystemTime_mS_u32_CurrentTime	954802432
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target VehDyn Per1 CcwEOT HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1231.56995
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	735.171021 -2.79999995
target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.458008
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1900.90002
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	3.20000005
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	387.450012
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.80005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.200012 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0 954802432
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	954802432 219286216
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	753.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	954802432
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.80005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.200012 ± 0.0009
VehDyn_AutoCntrl_oSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
· o J, to on the coops_in_out.i into Emittalized_ont_igo	0
VehDvn HiSpdLearnt Cnt M Inc.	
VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn Initialize Cnt M lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	1 0
VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	1 0 -1165.729





Name	Expected Value
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1444.69995 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
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OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	124.5
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	123.5
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.5
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	42.5
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	12258
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36416
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420810
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.8999
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.8500001e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.3999
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000717999996
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	126.300003
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	106.09998
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	19
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	80.1999969
	43128
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58869
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	274107514
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.09998
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000517999986
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.5
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000847999996
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	124.099998
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	123.099998
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.3000002
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	42.2999992
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	12258
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36416
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420810
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.8999
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.8599992e-005
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-2500,3999
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000717999996
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
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ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_HiSpdLearnt_Cnt_M_lgc	1
/ehDyn_Initialize_Cnt_M_lgc	1
/ehDyn_LoSpdLearnt_Cnt_M_lgc	1
/ehDyn_MaxOffset_HwDeg_M_f32	538.885986
/ehDyn_MinOffset_HwDeg_M_f32	-1211.89795

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Name	Input Value
VehDyn_PinTrqSV_M_str.SV_UIs_f32	3.20000005
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00125584798
VehDyn_SLPHwAuth_Uls_M_f32	0.476999998
VehDyn_SLPHwPos_HwDeg_M_f32	-1240.31006
k_HiSpdVDAuthority_Uls_f32	0
k LoSpdVDAuthority UIs f32	0.5
k_SysKinRatio_MtrDegpHwDeg_f32	96.3000031
k_TravelXCDeadband_Uls_f32	50.2099991
k_TravelXCHwAuthority_Uls_f32	0.0570500009
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2704864000
target_GetSystemTime_mS_u32_CurrentTime	2728878080
target_Rte_Inst_Ap_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeedValid Cnt Igc	
	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1225.31006
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	746.078003
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-3
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-456.779999
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1900.40002
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.4000001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	398.640015
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.8999 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.3999 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2728878080
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	274107514
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	1
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt lgc	1
, - ,	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.8999 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.3999 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
V 1 D 1 1 0 1 M 1	
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VenDyn_HispdLearnt_Cnt_m_igc VehDyn_Initialize_Cnt_M_igc	1
7 - 7	
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	1 1 538.885986
VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	1 1 538.885986 675.090027

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte Call VehDvn Per1 CP1 CheckpointReached	1





Test Step 2.38 (Repeat Count = 1)	Laure Value
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	63.2000008
VehDyn_AuteCatrDetSpd_M_str.VehSpd_kph_f32	124.199997
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.200008 86.199969
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32 VehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	8366
VehDyn_AutoChtrDetSpd_M_str.Timer1Thresh_mS_u16	51002
/ehDyn_AutoCntrDetSpd_M_str.Timer2Trilesn_in3_u10	3382212733
/ehDyn_AutoCntrDetSpd_M_str.Timer1_m3_u32	4004004657
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.099976
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.86e-006
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	2800.5
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000720000011
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	0
VehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	128.100006
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	147
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	15
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32.4000015
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21364
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52716
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.19995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000520000001
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000850000011
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	63.2999992
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	124.300003
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.1000004
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.0999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	8366
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	51002
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.099976
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.89999987e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000720000011
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0 543.877991
/ehDyn_MaxOffset_HwDeg_M_f32	-1205.21399
/ehDyn_MinOffset_HwDeg_M_f32 /ehDyn_PinTrqSV_M_str.SV_Uls_f32	13.8999996
venDyn_PinTrqSv_M_str:Sv_Uis_f32 /ehDyn_PinTrqSV_M_str:K_Uis_f32	0.000281999994
venDyn_PinTrqSv_m_str.K_uis_132 /ehDyn_SLPHwAuth_Uis_M_f32	0.000281999994 0.462000012
/ehDyn_SLPHwPos_HwDeg_M_f32	-1230.05005
<pre>c_HiSpdVDAuthority_Uls_f32</pre>	1
C_NSpdVDAuthority_Uls_f32	0.600000024
<pre><_LospuvDAuthority_ois_is2 <_SysKinRatio_MtrDegpHwDeg_f32</pre>	86.5
k TravelXCDeadband Uls f32	51.6500015
TravelXCHwAuthority Uls f32	0.0582749993
target DtrmnElapsedTime mS u32 ElapsedTime	4129141760
target_GetSystemTime_mS_u32_CurrentTime	4164171008
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
	V = / = =

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target VehDyn Per1 RelHwPos HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target VehDyn Per1 VehicleSpeed Kph f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1219.05005
target VehDyn Per1 CwEOT HwDeg f32.value	756.984985
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-3.2000005
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	753.5
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1991.69995
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	-8.3999962
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	1
target VehDyn Per1 VehicleSpeed Kph f32.value	36.4519997
Name	
	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.099976 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4164171008
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4164171008
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.099976 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	756.984985
VehDyn_MinOffset_HwDeg_M_f32	-1219.05005
VehDyn_PinTrqSV_M_str.SV_UIs_f32	13.8951502 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value	0.600000024 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-808.799988 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.39 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	456.100006	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	125.099998	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.1000004	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	12.1000004	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	34738	

VehDyn_Per1

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Name Input Value





Name	Input Value
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1482.30005
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	489.523987
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	824746752
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	328928812
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.1001 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	824746752
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	767.892029
VehDyn_MinOffset_HwDeg_M_f32	-1212.79004
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-5.39919901 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.699999988 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.40 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	566.299988
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	32.2999992
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.2999992
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	53.2999992
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	37799
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	41632
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.09998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.88000001e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000723999983
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	700
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	189
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18.1000004
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	22.1000004
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	13352
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	14442
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1078320779
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	383750110
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.19995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000523999974
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000853999984
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	566.799988
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	32.7999992
VehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	16.7999992
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	53.599985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	37799
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	41632
VehDyn_AutoCntrLoSpd_M_str.Timer2Timesir_inis_u10	3174948759
VehDyn_AutoChtrLoSpd_M_str.Timer1_mS_u32	3796740682
VenDyn_AutoCntrLoSpd_M_str.Ninler2_m5_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.09998
VehDyn_AutoChtrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.98000011e-005
VeriDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.K_0is_i32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.5
VenDyn_AutoCntrLoSpd_M_str.ReinwPosFilt2SV_nwDeg_str.Sv_dis_is2 VenDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.K_Uls_f32	-2400.5 0.000723999983
	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	553.862
VehDyn_MinOffset_HwDeg_M_f32	-1191.84595
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.5999999
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000358999998
VehDyn_SLPHwAuth_Uls_M_f32	0.432000011
VehDyn_SLPHwPos_HwDeg_M_f32	-1209.53003
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_Uls_f32	0.80000012
k_SysKinRatio_MtrDegpHwDeg_f32	52.0999985
k_TravelXCDeadband_Uls_f32	54.5299988
k_TravelXCHwAuthority_Uls_f32	0.0607249998
arget_DtrmnElapsedTime_mS_u32_ElapsedTime	2303132928
arget_GetSystemTime_mS_u32_CurrentTime	309385728
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
arget_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1206.53003
arget VehDyn Per1 CwEOT HwDeg f32.value	778.799011
arget_VehDyn_Per1_HwTorque_HwNm_f32.value	7
arget_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1299.59998
arget_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-753.400024
arget_venbyn_Per1_ReinwPos_nwbeg_isz.value arget VehDyn Per1_TorqueCmdCRF_MtrNm_f32.value	1.5
	1.5
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	500.024994
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.5 ± 0.009

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Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	309385728
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	383750110
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	553.862
VehDyn_MinOffset_HwDeg_M_f32	-453.130005
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.59979486 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.432000011 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1209.53003 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.41 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	63.4000015
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	124.400002
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.3999996
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.4000015
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	8366
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	51002
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.200012
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.88999991e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.3999
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000725999998
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	350.600006
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	147
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	15
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32.0999985
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21364
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52716
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000525999989
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000855999999
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1 63.099985
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	124.199997
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.2000008
VehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	86.300031
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	8366
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	51002
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.200012
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.02000005e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.3999
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0.000725999998
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	558.854004
VehDyn_MinOffset_HwDeg_M_f32	-1185.16199
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.5
VehDyn_PinTrqSV_M_str.K_UIs_f32	0.000360000005
VehDyn_SLPHwAuth_Uls_M_f32 VehDyn_SLPHwPos_HwDeg_M_f32	0.416999996 -1199.27002
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_Uls_f32	0.899999976
k_SysKinRatio_MtrDegpHwDeg_f32	41.2999992
k TravelXCDeadband Uls f32	55.9700012
k_TravelXCHwAuthority_Uls_f32	0.0619499981
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4129141760
target_GetSystemTime_mS_u32_CurrentTime	4164171008
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 TorqueCmdCRF MtrNm f32	target VehDyn Per1 TorqueCmdCRF MtrNm f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1200.27002
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	789.705994
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7.01000023
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-147.100006
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	456.700012
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	-1.60000002 0
target VehDyn Per1 VehicleSpeed Valid_Cit_gc.value	499.089996
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.200012 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.3999 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
	4164171008
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886 -2400.5 + 0.009
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.5 ± 0.009 -1438.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	-2400.5 ± 0.009 -1438.30005 ± 0.009 0
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc	-2400.5 ± 0.009 -1438.30005 ± 0.009 0
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	-2400.5 ± 0.009 -1438.30005 ± 0.009 0 0

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VehDyn_Per1



Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.200012 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.3999 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	333.006012
VehDyn_MinOffset_HwDeg_M_f32	-1185.16199
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.5019697 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.899999976 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

lame	Input Value
	•
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	10.1999998
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	84.1999969
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.19999981
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.1999969
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	3658
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	5853
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476708
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.09998
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.90000003e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.09998
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000728000014
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124.199997
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	0
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	9.10000038
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	42.5
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	33198
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	7778
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2345892861
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892861
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.19995
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000528000004
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.09998
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000858000014
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	10.1000004
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	84.0999985
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.5
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.0999985
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	3658
/ehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	5853
/ehDyn AutoCntrLoSpd M str.Timer1 mS u32	3589476708
/ehDyn AutoCntrLoSpd M str.Timer2 mS u32	4211268631

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N	Invest Walter
Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.09998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.0599999e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.09998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000728000014
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn Initialize Cnt M Igc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
	563.846008
VehDyn_MaxOffset_HwDeg_M_f32	
VehDyn_MinOffset_HwDeg_M_f32	-1178.47803
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60000002
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000361000013
VehDyn_SLPHwAuth_Uls_M_f32	0.40200001
VehDyn_SLPHwPos_HwDeg_M_f32	-1189.01001
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	63.5
k_TravelXCDeadband_Uls_f32	57.4099998
k_TravelXCHwAuthority_Uls_f32	0.0631750003
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2836768512
target_GetSystemTime_mS_u32_CurrentTime	437658624
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1194.01001
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	800.612976
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7.01999998
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	88.8000031
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-2500.5
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	120.339996
Name	Expected Value
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1988.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2345892861
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	437658624
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2797.40112 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
	3589476708
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0000 11 01 00
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	4211268631 -1988.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	4211268631 -1988.09998 ± 0.009 -1438.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	4211268631 -1988.09998 ± 0.009 -1438.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	4211268631 -1988.09998 ± 0.009 -1438.09998 ± 0.009 1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	4211268631 -1988.09998 ± 0.009 -1438.09998 ± 0.009 1 0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	4211268631 -1988.09998 ± 0.009 -1438.09998 ± 0.009 1 0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	4211268631 -1988.09998 ± 0.009 -1438.09998 ± 0.009 1 0 0 1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	4211268631 -1988.09998 ± 0.009 -1438.09998 ± 0.009 1 0 0 1 1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	4211268631 -1988.09998 ± 0.009 -1438.09998 ± 0.009 1 0 1 1 1 1 1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	4211268631 -1988.09998 ± 0.009 -1438.09998 ± 0.009 1 0 0 1 1

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Name	Expected Value
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.59686208 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.40200001 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1189.01001 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
DtrmnElapsedTime_mS_u32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.43 (Repeat Count = 1)	
Name Same	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	56.0999985
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	64.0999985
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.0999999
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	45.0999985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	29076
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	43868
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3796740682
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2160073393
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.19995
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.90999992e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.400024
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000730000029
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	456
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	255
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.19999981
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	52.2000008
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21335
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	34188
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.5
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000530000019
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.30005
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000859999971
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0.
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1.
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	56.7000008
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	64.0999985
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.69999981
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	45.0999985
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	29076
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	43868
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3796740682
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2160073393
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.19995
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.0999993e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.400024
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000730000029
ehDyn AutoCntrLoSpd M str.Filter1Enable Cnt Igc	0
ehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	1
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
/ehDyn_HiSpdLearnt_Cnt_M_lgc	0
/ehDyn_Initialize_Cnt_M_lgc	0
/ehDyn_LoSpdLearnt_Cnt_M_lgc	0
/ehDyn_Loopaccam_on_w_ge /ehDyn_MaxOffset_HwDeg_M_f32	568.838013

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VehDyn_Per1



Name	Input Value
VehDyn_MinOffset_HwDeg_M_f32	-1171.79395
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.8000002
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000361999992
VehDyn_SLPHwAuth_Uls_M_f32	0.386999995
VehDyn_SLPHwPos_HwDeg_M_f32	-1178.75
k_HiSpdVDAuthority_Uls_f32	0.99900013
k_LoSpdVDAuthority_UIs_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	88.0999985
k_TravelXCDeadband_Uls_f32	58.8499985
k_TravelXCHwAuthority_Uls_f32	0.0644000024
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2478427648
target_GetSystemTime_mS_u32_CurrentTime	3941357312
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target VehDyn Per1 CcwEOT HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target VehDyn Per1 HwTorque HwNm f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 TorqueCmdCRF MtrNm f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1187.75
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	811.52002
target VehDyn Per1 HwTorque HwNm f32.value	7.03000021
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	-75.9000015
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	2600.6001
	-7.30000019
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	0
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	i i
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	230.820007
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2160073393
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.400024 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3941357312
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0 1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0 1 3941357312
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0 1 3941357312 2160073393
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0 1 3941357312 2160073393 1988.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0 1 3941357312 2160073393 1988.19995 ± 0.009 753.400024 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0 1 3941357312 2160073393 1988.19995 ± 0.009 753.400024 ± 0.0009 0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0 1 3941357312 2160073393 1988.19995 ± 0.009 753.400024 ± 0.0009 0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0 1 3941357312 2160073393 1988.19995 ± 0.009 753.400024 ± 0.0009 0 1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	0 1 3941357312 2160073393 1988.19995 ± 0.009 753.400024 ± 0.0009 0 1 1 1 1 0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	0 1 3941357312 2160073393 1988.19995 ± 0.009 753.400024 ± 0.0009 0 1 1 1 0 1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	0 1 3941357312 2160073393 1988.19995 ± 0.009 753.400024 ± 0.0009 0 1 1 1 0 1 0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	0 1 3941357312 2160073393 1988.19995 ± 0.009 753.400024 ± 0.0009 0 1 1 1 0 811.52002
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	0 1 3941357312 2160073393 1988.19995 ± 0.009 753.400024 ± 0.0009 0 1 1 1 0 811.52002 -1187.75
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	0 1 3941357312 2160073393 1988.19995 ± 0.009 753.400024 ± 0.0009 0 1 1 1 0 811.52002

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte Call VehDyn Per1 CP1 CheckpointReached	1

Test Step 2.44 (Repeat Count = 1)	
Name	Input Value
DtrmnFlansedTime_mS_u32(FlansedTime)	target DtrmnFlansedTime mS u32 FlansedTime





Name	Input Value
VehDyn SLPHwAuth Uls M f32	0.372000009
VehDyn SLPHwPos HwDeg M f32	-1168.48999
k HiSpdVDAuthority Uls f32	0
k LoSpdVDAuthority UIs f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	75.0999985
k_TravelXCDeadband_Uls_f32	60.2900009
k_TravelXCHwAuthority_UIs_f32	0.065624997
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4180236544
target_GetSystemTime_mS_u32_CurrentTime	3304439296
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1181.48999
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	822.427002
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7.03999996
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-900.01001
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-2400.3999
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.29999995
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	245.080002
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4004004657
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3304439296
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	1950.19995 ± 0.009 142.539993 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004657
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1991.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	573.830017
VehDyn_MinOffset_HwDeg_M_f32	1218.91003
VehDyn_PinTrqSV_M_str.SV_Uls_f32	17.7961006 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.372000009 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1168.48999 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1



Test Step 2.45 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	75.1999969
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	34.2000008
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.1999998
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.1999969
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	40437
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	13059
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.9299994e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000734000001
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	425.200012
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	84.1100006
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	72.3000031
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	26195
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	22037
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2967684784 1885.5
VehDyn_AutoCntrhiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000533999992
VehDyn AutoCntrhiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	2600.25
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000864000001
VehDyn AutoCntrHiSpd M str.Filter1Enable Cnt Igc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	75.5999985
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	34.2999992
VehDyn AutoCntrLoSpd M str.FiltPinTrq HwNm f32	14.6000004
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.3000031
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	40437
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	13059
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.18000018e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000734000001
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	578.822021
VehDyn_MinOffset_HwDeg_M_f32	-1158.42603
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-7
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000364000007
VehDyn_SLPHwAuth_Uls_M_f32	0.356999993
VehDyn_SLPHwPos_HwDeg_M_f32	-1158.22998
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	97.3000031
k_TravelXCDeadband_Uls_f32	61.7299995
k_TravelXCHwAuthority_UIs_f32	0.0668499991
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3368466432
target_GetSystemTime_mS_u32_CurrentTime	2167769344
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32

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Name	Input Value
target Rte Inst Ap VehDyn.VehDyn Per1 MotorVelCRF MtrRadpS f32	target VehDyn Per1 MotorVelCRF MtrRadpS f32
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target VehDyn Per1 RelHwPos HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target VehDyn Per1 SensorlessAuthority Uls f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target VehDyn Per1 SensorlessHwPos HwDeg f32
target Rte Inst Ap VehDyn.VehDyn Per1 TorqueCmdCRF MtrNm f32	target VehDyn Per1 TorqueCmdCRF MtrNm f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1175.22998
target VehDyn Per1 CwEOT HwDeg f32.value	833.333984
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7.05000019
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	800.799988
target VehDyn Per1 RelHwPos HwDeg f32.value	2800.30005
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	0
target VehDyn Per1 VehicleSpeed Kph f32.value	10.1409998
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2167769344
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1885.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.25 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2167769344
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-1966.96594
VehDyn_MinOffset_HwDeg_M_f32	-1158.42603
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-6.99486494 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.356999993 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1158.22998 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.46 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	98.0999985	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	18.1000004	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.1000004	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	32.0999985	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	2291	

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58929
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.09998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.9400006e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.09998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000736000016
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	10
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	64.6999969
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	20
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	82.1999969
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	43190
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3186
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	142.199997
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00536000007
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.36011 0.000866000017
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000866000017
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0 1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1mittalized_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	98.5999985
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	18.6000004
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.6000004
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	32.599985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	2291
VehDyn_AutoCntrLoSpd_M_str.TimerThresh_mS_u16	58929
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.09998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.22000012e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.09998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000736000016
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	0
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	0
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	583.814026
VehDyn_MinOffset_HwDeg_M_f32	-1151.74194
VehDyn_PinTrqSV_M_str.SV_UIs_f32	6.30000019
VehDyn PinTrqSV M str.K Uls f32	0.000365000014
VehDyn_SLPHwAuth_Uls_M_f32	0.342000008
VehDyn_SLPHwPos_HwDeg_M_f32	-1147.96997
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	86.5
k_TravelXCDeadband_Uls_f32	63.1699982
k_TravelXCHwAuthority_Uls_f32	0.0680750012
target_DtrmnElapsedTime_mS_u32_ElapsedTime	170564352
target_GetSystemTime_mS_u32_CurrentTime	3714197504
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1168.96997
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	844.241028
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.01000023
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-418.170013





Name	Input Value
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1438.09998
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	20.8789997
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3714197504
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	142.199997 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.36011 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	844.241028
VehDyn_MinOffset_HwDeg_M_f32	-1168.96997
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.29439259 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.342000008 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1147.96997 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.47 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	66.1999969
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	88.1999969
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.1999998
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52.2000008
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	38868
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	57944
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.40002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.94999995e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2000.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000737999973
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	56.2000008
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	52

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venbyn_r err	
Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	92
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	30404
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	30349
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000538000022
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.6001
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000867999974
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	66.5999985
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	88.4000015
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.6000004
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.4000015
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	38868
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	57944
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.40002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.26000006e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2000.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000737999973
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn Initialize Cnt M Igc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	588.80603
VehDyn_MinOffset_HwDeg_M_f32	-1145.05798
VehDyn_PinTrqSV_M_str.SV_UIs_f32	15.1999998
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000365999993
VehDyn_SLPHwAuth_Uls_M_f32	0.326999992
VehDyn SLPHwPos HwDeg M f32	-1137.70996
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	42.0999985
k TravelXCDeadband Uls f32	64.6100006
k_TraveIXCHwAuthority_Uls_f32	0.0693000033
target_DtrmnElapsedTime_mS_u32_ElapsedTime	625668608
target GetSystemTime mS u32 CurrentTime	2894938880
target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 CwEOT HwDeg f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target VehDyn Per1 HwTorque HwNm f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target VehDyn Per1 MotorVelCRF MtrRadpS f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target VehDyn Per1 RelHwPos HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessHwPos HwDeg f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 TorqueCmdCRF MtrNm f32	target VehDyn Per1 TorqueCmdCRF MtrNm f32
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeedValid Cnt Igc	target_VehDyn_Per1_totqueenhuckt_withtin_loz target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target VehDyn Per1 VehicleSpeed Kph f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1162.70996
target VehDyn Per1 CwEOT HwDeg_I32.value	855.14801
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.0900015
target_venDyn_Per1_nw10rque_nwnnn_isz.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-425.869995
target_VehDyn_Per1_MotorvelCkr_intradp5_i32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	753.330017
target_venDyn_ren_Renwros_nwbeg_isz.value target_vehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.900001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VenDyn_Per1_VenicleSpeedValid_Crit_igc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	25.5499992
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.40002 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2000.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1





Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2894938880
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.6001 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2894938880
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.40002 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2000.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	855.14801
VehDyn_MinOffset_HwDeg_M_f32	-1162.70996
VehDyn_PinTrqSV_M_str.SV_Uls_f32	15.1910677 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.326999992 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1137.70996 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	34.5
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	76.5
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.5
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	10.5
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53970
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	52282
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	109643620
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.5
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.96000007e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.09998
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000739999989
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	34.2000008
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	3.79999995
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	0
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	10412
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3277
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3589476708
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3589476708
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.40002
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000539999979
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.5
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000869999989
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0

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Wedge, AutoContact M. at Part Vertical Part Section Sectio	VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
Wedge, AutoContact M. at Part Vertical Part Section Sectio	VehDvn AutoCntrHiSpd M str.Filter1Initialized Cnt loc	1
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Velopy_Autocinit.csgs M. Interher Printing Modes of SV Us 102	VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52282
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Verbyn, Printys, M. et SV, Uis, 132 Verbyn, Printys, M. et SV, Uis, 132 Verbyn, Printys, M. et SV, Uis, 132 Verbyn, Sichharbou, Ivis, 132 Verbyn, Sichharbou, Ivis, 132 Verbyn, Sichharbou, Ivis, 132 Verbyn, Sichharbou, Ivis, 132 Verbyn, Sichharbou, Ivis, 132 Verbyn, Sichharbou, Ivis, 132 Verbyn, Sichharbou, Ivis, 132 Verbyn, Sichharbou, Ivis, 132 Verbyn, Sichharbou, Ivis, 132 Verbyn, Sichharbou, Ivis, 132 Verbyn, Sichharbou, Ivis, 132 Verbyn, Sichharbou, Ivis, 132 Verbyn, Sichharbou, Ivis, 132 Verbyn, Sichharbou, Ivis, 132 Verbyn, Sichharbou, Ivis, 132 Verbyn, Sichharbou, Ivis, 132 Verbyn, Sichharbou, Ivis, 132 Verbyn, Sichharbou, Ivis, 132 Verbyn, Verbyn	VehDyn_LoSpdLearnt_Cnt_M_lgc	1
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larget_Ret_Inst_Ap_VehDyn_VehDyn_Pert_CwEOT_HwDeg_132 target_VehDyn_Pert_CwEOT_HwDeg_132 larget_Ret_Inst_Ap_VehDyn_VehDyn_Pert_CwEOT_HwDeg_132 target_VehDyn_Pert_CwEOT_HwDeg_132 larget_Ret_Inst_Ap_VehDyn_VehDyn_Pert_Instruct_HwMm_132 target_VehDyn_Pert_HwMm_132 larget_Ret_Inst_Ap_VehDyn_VehDyn_Pert_McDruct_HwMm_132 target_VehDyn_Pert_HwMm_132 larget_Ret_Inst_Ap_VehDyn_VehDyn_Pert_RethWeb_1420 target_VehDyn_Pert_HwMm_132 larget_Ret_Inst_Ap_VehDyn_VehDyn_Pert_SensorlessAuthority_Uls_132 target_VehDyn_Pert_RethWeb_132 larget_Ret_Inst_Ap_VehDyn_VehDyn_Pert_SensorlessAuthority_Uls_132 target_VehDyn_Pert_SensorlessAuthority_Uls_132 larget_Ret_Inst_Ap_VehDyn_VehDyn_Pert_SensorlessAuthority_Uls_132 target_VehDyn_Pert_SensorlessAuthority_Uls_132 larget_Ret_Inst_Ap_VehDyn_VehDyn_Pert_SensorlessAuthority_Uls_132 target_VehDyn_Pert_SensorlessAuthority_Uls_132 larget_Ret_Inst_Ap_VehDyn_VehDyn_Pert_VehicleSpeed Vaid_Cnt_Ugc target_VehDyn_Pert_SensorlessAuthority_Uls_132 larget_VehDyn_Pert_CowEOT_HwDeg_132_value 1156.44995 larget_VehDyn_Pert_HwToruc_MehMyn_132_value 4156.44995 larget_VehDyn_Pert_HwToruc_MehMyn_132_value 41880.69993 larget_VehDyn_Pert_VehicleSpeed_Veh_132_value 11899.99998 larget_VehDyn_Pert_VehicleSpeed_Veh_132_value 1190843620	target DtrmnElapsedTime mS u32 ElapsedTime	1711664384
target, Lein, Ja, VehDyn, VehDyn, Pert, CoxEOT, HwDeg, Ji2 target, VehDyn, Pert, CoxEOT, HwDeg, Ji2 target, Rei, Inst, Ap, VehDyn, VehDyn, Pert, HwTorque, HwNm, Ji2 target, VehDyn, Pert, HwTorque, HwNm, Ji2 target, Rei, Inst, Ap, VehDyn, VehDyn, Pert, HwTorque, HwNm, Ji2 target, VehDyn, Pert, HwTorque, HwNm, Ji2 target, Rei, Inst, Ap, VehDyn, VehDyn, Pert, Reihwos, HwDeg, Ji2 target, VehDyn, Pert, ReihwDeg, Ji2 target, Rei, Inst, Ap, VehDyn, VehDyn, Pert, SensoriessAuthority, Uls, Ji2 target, VehDyn, Pert, ReihwDeg, Ji2 target, Rei, Inst, Ap, VehDyn, VehDyn, Pert, SensoriessAuthority, Uls, Ji2 target, VehDyn, Pert, SensoriessAuthority, Uls, Ji2 target, Rei, Inst, Ap, VehDyn, VehDyn, Pert, VehicleSpeed Kyh, Ji2 target, VehDyn, Pert, SensoriessAuthority, Uls, Ji2 target, Lein, Lap, VehDyn, VehDyn, Pert, VehicleSpeed Kyh, Ji2 target, VehDyn, Pert, VehDyn, Pert, VehicleSpeed Kyh, Ji2 target, VehDyn, Pert, Low, Ji2 target, VehDyn, Pert, VehInd, Ji2 target, VehDyn, Pert, Low, Ji2 target, VehDyn, Pert, VehInd, Ji2 target, VehDyn, Pert, Low, Ji2 target, VehDyn, Pert, VehInd, Ji2 target, VehDyn, Pert, Low, Ji2 target, VehDyn, Pert, VehInd, Ji2 target, VehDyn, Pert, VehindeSpeedvalid, Crit, Jia 1988,69995 target, VehDyn, Pert, VehindeSpeedvalid, Crit, Jia 1988,69995 targ		2059598336
target Rite_Inst_Ap_VehDyn.VehDyn.Pert_LWTorque_HwNm [32 target_VehDyn.Pert_LWTorque_HwNm [32 target_VehDyn.Pert_HwTorque_HwNm [32 target_Rel_Inst_Ap_VehDyn.VehDyn.Pert_Motorvie(CRF_MMRapp_f32 target_VehDyn.Pert_Motorvie(CRF_MMRapp_f32 target_VehDyn.Pert_Motorvie(CRF_MMRapp_f32 target_Rel_Inst_Ap_VehDyn.VehDyn.Pert_RelHwPos_HwDeg_J32 target_VehDyn.Pert_RelHwPos_HwDeg_J32 target_VehDyn.Pert_RelHwPos_HwDeg_J32 target_Rel_Inst_Ap_VehDyn.VehDyn.Pert_SensoriessHwPos_HwDeg_D2 target_VehDyn.Pert_SensoriessAuthority_UIs_J32 target_Rel_Inst_Ap_VehDyn.VehDyn.Pert_VehicleSpeed_VehDyn.Pert_TorqueCmdCRF_Mithm_J32 target_VehDyn.Pert_TorqueCmdCRF_Mithm_J32 target_Rel_Inst_Ap_VehDyn.VehDyn.Pert_VehicleSpeed_VehDyn.Pert_VehicleSpeed_VehDyn.Pert_VehicleSpeed_VehDyn.Pert_VehicleSpeed_Kpf_J32 target_VehDyn.Pert_VehicleSpeed_Kpf_J32 target_VehDyn.Pert_CowECT_HwDeg_J32_value 41564_4499 target_VehDyn.Pert_VehicleSpeed_Kpf_J32 target_VehDyn.Pert_TorqueCmdCRF_Mithm_J32_value 752.679983 target_VehDyn.Pert_TorqueCmdCRF_Mithm_J32_value 1988.69995 target_VehDyn.Pert_TorqueCmdCRF_Mithm_J32_value 1988.69996 target_VehDyn.Pert_TorqueCmdCRF_Mithm_J32_value 1989.99998 target_VehDyn.Pert_TorqueCmdCRF_Mithm_J32_value 1989.99998 target_VehDyn.Pert_TorqueCmdCRF_Mithm_J32_value 1980.99999		
target, Reb., Inst., Ap, VehDyn, VehDyn, Pert., Mkotovylic RF, Mirradps, 132 target, VehDyn, Pert., Mkotovylic RF, Mirradps, 132 target, VehDyn, Pert., Mkotovylic RF, Mirradps, 132 target, VehDyn, Pert., RelHwPos, Hwbog, 132 target, VehDyn, Pert., RelHwPos, Hwbog, 132 target, Reb., Inst., Ap, VehDyn, VehDyn, Pert., SensoriessAuthority, Uls. 132 target, VehDyn, Pert., SensoriessAuthority, Uls. 132 target, VehDyn, Pert., SensoriessAuthority, Uls. 132 target, VehDyn, Pert., SensoriessAuthority, Uls. 132 target, VehDyn, Pert., SensoriessAuthority, Uls. 132 target, VehDyn, Pert., SensoriessAuthority, Uls. 132 target, VehDyn, Pert., SensoriessAuthority, Uls. 132 target, VehDyn, Pert., SensoriessAuthority, Uls. 132 target, VehDyn, Pert., SensoriessAuthority, Uls. 132 target, VehDyn, Pert., SensoriessAuthority, Uls. 132 target, VehDyn, Pert., SensoriessAuthority, Uls. 132 target, VehDyn, Pert., Tender, SensoriessAuthority, Uls. 132 target, VehDyn, Pert., Tender, SensoriessAuthority, Uls. 132 target, VehDyn, Pert., VehicleSpeed, Mp., 132 target, VehDyn, Pert., Tender, SensoriessAuthority, Uls., 132 target, VehDyn, Pert., VehicleSpeed, Mp., 132 target, VehDyn, Pert., VehicleSpeed, Mp., 132 target, VehDyn, Pert., VehicleSpeed, Mp., 132 target, VehDyn, Pert., VehicleSpeed, Mp., 132 target, VehDyn, Pert., VehicleSpeed, Mp., 132 target, VehDyn, Pert., VehicleSpeed, Mp., 132 target, VehDyn, Pert., VehicleSpeed, Mp., 132 target, VehDyn, Pert., VehicleSpeed, Mp., 132 target, VehDyn, Pert., VehicleSpeed, Mp., 132 target, V		
larget_Rie_Inst_Ap_VehDyn_Pert_MotorVeiCRF_MitrRadpS_f32 target_VehDyn_Pert_MotorVeiCRF_MitrRadpS_f32 target_Rie_Inst_Ap_VehDyn_VehDyn_Pert_RelletMove_Neibug_f32 target_VehDyn_Pert_RelletMove_Neibug_f32 target_Rie_Inst_Ap_VehDyn_VehDyn_Pert_SensoriessAuthority_Uis_f32 target_Rie_Inst_Ap_VehDyn_VehDyn_Pert_SensoriessAuthority_Uis_f32 target_Rie_Inst_Ap_VehDyn_VehDyn_Pert_TorqueCmdCRF_MitrNm_f32 target_VehDyn_Pert_SensoriessAuthority_Uis_f32 target_Rie_Inst_Ap_VehDyn_VehDyn_Pert_VehicleSpeed/Ain_Cnt_lgc target_VehDyn_Pert_SensoriessAuthority_Uis_f32 target_Rie_Inst_Ap_VehDyn_VehDyn_Pert_VehicleSpeed/Ain_Cnt_lgc target_VehDyn_Pert_SensoriessAuthority_Uis_f32 target_VehDyn_Pert_LowECT_Hveb_gf_f32_value 4156.44995 target_VehDyn_Pert_CowECT_Hvbog_f32_value 4170000008 target_VehDyn_Pert_Motor_Pert_Motor_Pert_MitralpS_f22_value 41886.69993 target_VehDyn_Pert_Tert_NeiceSpeed_Kpt_f32_value 41886.69993 target_VehDyn_Pert_Tert_VehicleSpeed_Kpt_f32_value 41886.69993 target_VehDyn_Pert_VehicleSpeed_Kpt_f32_value 41886.69993 target_VehDyn_Pert_VehicleSpeed_Kpt_f32_value 418999998 Name Expected Value VehDyn_AutoCntrDespd_M_str_Timert_mS_u32 41886.200 VehDyn_AutoCntrDespd_M_str_Timert_mS_u32 41896.2620		
larget, Rel, _inst, Ap_ VehDyn, VehDyn, Perf, _NehWoog_ 132 target, VehDyn, Perf, _SensoriessAuthority, _Uis_ 132 larget, Rie, _inst, Ap_ VehDyn, VehDyn, PerfSensoriessAuthority, _Uis_ 132 target, _VehDyn, _PerfSensoriessAuthority, _Uis_ 132 larget, Rie, _inst, Ap_ VehDyn, VehDyn, _PerfSensoriessAuthority, _Uis_ 132 target, _Nel _PerfSensoriessAuthority, _Uis_ 132 larget, Rie, _inst, Ap_ VehDyn, VehDyn, _PerfVehicleSpeed /Rin, _132 target, _VehDyn, _PerfSensoriessAuthority, _Uis_ 132 larget, Rie, _inst, Ap_ VehDyn, VehDyn, _PerfVehicleSpeed /Rin, _132 target, _VehDyn, _PerfVehicleSpeed /Rin, _Uis23 larget, _VehDyn, _PerfCewCDTHwDeg132 value +1156.44998 larget, _VehDyn, _PerfCewCDTHwDeg132 value +1156.44998 larget, _VehDyn, _PerfCewCDTHwDeg132 value +1156.44998 larget, _VehDyn, _PerfLehWorsPartAwardes		
target_Rie_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessAuthority_Uis_f32 target_VehDyn_Per1_SensoriessAuthority_Uis_f32 target_Rie_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessAuthority_Uis_f32 target_VehDyn_Per1_SensoriessAwthos_HwDeg_f32 target_Rie_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kpf_f32 target_VehDyn_Per1_VehicleSpeed_Kpf_f32 target_VehDyn_Per1_CowEoT_HwDeg_f32_Value target_VehDyn_Per1_VehicleSpeed_Kpf_f32 target_VehDyn_Per1_CowEoT_HwDeg_f32_Value 866.05493 target_VehDyn_Per1_Morque_HwMm_f32_Value 9.17000008 target_VehDyn_Per1_Morque_HwMm_f32_Value 9.17000008 target_VehDyn_Per1_Morque_HwMm_f32_Value 1.988.69995 target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_Igc_value 1.89899998 target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_Igc_value 1.898999998 target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_Igc_value 1.898999998 VehDyn_AutoCntrDetSpd_M_str.Timer1_ms_u32 109643620 VehDyn_AutoCntrDetSpd_M_str.Timer1_ms_u32 109643620 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilitSV_HwDeg_str.Sv_Uis_f32 1482.5 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_Igc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_Igc 0 VehDyn_AutoCntrHispd_M_str.Filter2Enable_Cnt_Igc 1482.40000		
target_Re_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rie_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MirMm_f32 target_VehDyn_Per1_CmdCRF_MirMm_f32 target_Rie_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_kifc_f1.gc target_VehDyn_Per1_VehicleSpeed_kifc_f32 target_VehDyn_Per1_CwCPT_HwDeg_f32_Value -1186.44995 target_VehDyn_Per1_CwCPT_HwDeg_f32_Value -917000008 target_VehDyn_Per1_HwTorque_HwNm_f32_Value -917000008 target_VehDyn_Per1_RellwFor_Sh_Moeg_f32_Value 752.679993 target_VehDyn_Per1_RellwFor_Sh_Moeg_f32_Value -1898.69995 target_VehDyn_Per1_TorqueCmdCRF_MirMm_f32_Value -189999998 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc_value -189999998 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc_value 30.639994 Name Expected Value VehDyn_AlovHiSpdAutoCnt_Cnt_M_Igc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_ms_u32 109643620 VehDyn_AutoCntrDetSpd_M_str.Timer2_ms_u32 2138628886 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_Igc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_Igc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_Igc 10		
target_Rel_Inst_Ap_VehDyn_Perl_TorqueCmdCRF_MtrNm_f32 target_Rel_Inst_Ap_VehDyn_Perl_VehicleSpeedValld_Cnt_lgc target_VehDyn_Perl_VehicleSpeedValld_Cnt_lgc target_VehDyn_Perl_VehicleSpeed_Kpf_f32 target_VehDyn_Perl_VehicleSpeed_Kpf_f32 target_VehDyn_Perl_VehicleSpeed_Kpf_f32 target_VehDyn_Perl_VehicleSpeed_Kpf_f32 target_VehDyn_Perl_CcwEOT_HwDeg_f32.value 1156.44995 target_VehDyn_Perl_HwDrorque_HwNm_f32.value 866.054993 target_VehDyn_Perl_HwTorque_HwNm_f32.value 9.17000008 target_VehDyn_Perl_MotorVefCRF_MtrRadpS_f32.value 752.679993 target_VehDyn_Perl_MotorVefCRF_MtrRadpS_f32.value 1988.69995 target_VehDyn_Perl_VehicleSpeed_Kpf_f32.value 1988.69995 target_VehDyn_Perl_VehicleSpeed_Kpf_f32.value 1988.69999 target_VehDyn_Perl_VehicleSpeed_Kpf_f32.value 10.64999.09999 target_VehDyn_Perl_VehicleSpeed_Kpf_f32.value 10.64999.099999 target_VehDyn_Perl_VehicleSpeed_Kpf_f32.value 10.64999.099999 target_VehDyn_Perl_VehicleSpeed_Kpf_f32.value 10.64999.0999999 target_VehDyn_Perl_VehicleSpeed_Kpf_f32.value 10.64999.09999999999999999999999999999999	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rel_Inst_Ap_VehDyn.VehDyn.Perl_VehicleSpeed Xpil_GCnt_Igc target_VehDyn_Perl_VehicleSpeed_Xpil_32 target_Nelbyn_Perl_Del_Inst_Ap_VehDyn.Perl_WeblicleSpeed_Xpil_32 target_VehDyn_Perl_CwEGD_HwBeg_132 Value target_VehDyn_Perl_EwhDeg_132 value 866.054993 target_VehDyn_Perl_HwTorque_HwNm_132 value 9.17000008 target_VehDyn_Perl_Mell_Morque_HwNm_132 value 1.988.69993 target_VehDyn_Perl_RelHwPos_HwDeg_132 value 1.988.69995 target_VehDyn_Perl_TorqueCmdGRF_MirRahg_132 value 1.898.69995 target_VehDyn_Perl_VehicleSpeed/Valid_Cnt_Igc_value 1 target_VehDyn_Perl_VehicleSpeed/Valid_Cnt_Igc_value 1 target_VehDyn_Perl_VehicleSpeed/Xpin_152 value 30.639994 Name Expected Value VehDyn_AutoCntrDelSpd_M_str_Timer1_mS_u32 109643620 VehDyn_AutoCntrDelSpd_M_str_Timer1_mS_u32 109643620 VehDyn_AutoCntrDelSpd_M_str_RelHwPosFiltSV_HwDeg_str.SV_Uls_132 1480.5 ± 0.009 VehDyn_AutoCntrDelSpd_M_str_Filter_Inst_Silt_Str_HwDeg_str.SV_Uls_132 1900.09998 ± 0.009 VehDyn_AutoCntrDelSpd_M_str_Filter_Inst_Silt_Str_HwDeg_str.SV_Uls_132 1400.0000 VehDyn_AutoCntrDelSpd_M_str_Filter_Inst_Silt_Str_HwDeg_str.SV_Uls_132 2055598336 VehDyn_AutoCntrt	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
larget_Rte_Inst_Ap_VehDyn_VehDyn_Perl_VehicleSpeed_Kph_f32 target_VehDyn_Perl_CwEOT_HwDeg_f32_value -1156.44995 target_VehDyn_Perl_CwEOT_HwDeg_f32_value 866.054993 target_VehDyn_Perl_MotorVeiCRF_MirRadps_f32_value 9.17000008 target_VehDyn_Perl_MotorVeiCRF_MirRadps_f32_value 752.679993 target_VehDyn_Perl_RelHwPos_HwDeg_f32_value -1886.69995 target_VehDyn_Perl_TorqueCmdCRF_MirMn_f32_value -18.9999998 target_VehDyn_Perl_VehicleSpeed_Kph_f32_value 1.899999998 target_VehDyn_Perl_VehicleSpeed_Kph_f32_value 30.6339994 Name Expected Value VehDyn_Allow-Dist_Mathispad_value_Cnt_Ind_Ind_Ind_Ind_Ind_Ind_Ind_Ind_Ind_Ind	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_VehDyn_Per1_CxeEOT_HwDeg_r32.value	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_VehDyn_Per1_CwEOT_HwDeg_i32_value 866.054993 target_VehDyn_Per1_HwTorque_HwNm_f32_value -9.17000008 target_VehDyn_Per1_MotorVelCRF_MtrRadps_f32_value 752.679993 target_VehDyn_Per1_RelHwPos_HwDeg_f32_value -1.998.69995 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32_value -1.89999998 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc_value 1 target_VehDyn_Per1_VehicleSpeedKph_f32_value 30.6399994 Name Expected Value VehDyn_AllowHiSpfAd.utoCntr_Cnt_M_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 109843620 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2138628866 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitItSV_HwDeg_str.SV_UIs_f32 1482.5 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitItSV_HwDeg_str.SV_UIs_f32 1900.09998 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2059598336 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFittSV_HwDeg_str.SV_UIs_f32 -1482.40002 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFittSV_HwD	target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_MotorVelCRF_MirRadpS_132.value 9.17000008 target_VehDyn_Per1_MotorVelCRF_MirRadpS_132.value 752.679993 target_VehDyn_Per1_RelHwPos_HwDeg_132.value 1.88989995 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value 1.89999998 target_VehDyn_Per1_VehicleSpeed_Kpf_612.value 30.6399994 Name Expected Value VehDyn_AlwoHiSpdAutoCntr_Cnt_M_Igc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 109643620 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 213862886 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitI1SV_HwDeg_str.SV_Uls_f32 1482.5 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_Igc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_Igc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2_ms_u32 2059598336 VehDyn_AutoCntrDetSpd_M_str.Filter2_ms_u32 2059598336 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2059598336 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 3889476708 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltISV_HwDeg_str.SV_Uls_f32 -1482.40002 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSv_HwDeg_str.SV_Uls_f32 -1482.40002 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cn	target VehDyn Per1 CcwEOT HwDeg f32.value	-1156.44995
target_VehDyn_Per1_MotorVelCRF_MirRadpS_132.value 9.17000008 target_VehDyn_Per1_MotorVelCRF_MirRadpS_132.value 752.679993 target_VehDyn_Per1_RelHwPos_HwDeg_132.value 1.88989995 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value 1.89999998 target_VehDyn_Per1_VehicleSpeed_Kpf_612.value 30.6399994 Name Expected Value VehDyn_AlwoHiSpdAutoCntr_Cnt_M_Igc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 109643620 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 213862886 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitI1SV_HwDeg_str.SV_Uls_f32 1482.5 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_Igc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_Igc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2_ms_u32 2059598336 VehDyn_AutoCntrDetSpd_M_str.Filter2_ms_u32 2059598336 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2059598336 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 3889476708 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltISV_HwDeg_str.SV_Uls_f32 -1482.40002 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSv_HwDeg_str.SV_Uls_f32 -1482.40002 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cn	target VehDvn Per1 CwEOT HwDeg f32 value	
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VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 -1482.5 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 1900.09998 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2059598336 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -1482.40002 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -1482.40002 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -1438.5 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 109643620		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc		
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2059598336 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -1482.40002 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -1482.40002 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 109643620		
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2059598336 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 3589476708 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -1482.40002 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -1438.5 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 109643620		
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2059598336 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 3589476708 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -1482.40002 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1438.5 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 109643620		
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2059598336 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 3589476708 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -1482.40002 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -1438.5 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 109643620		
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2059598336 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 3589476708 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -1482.40002 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1438.5 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 109643620		
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 109643620	VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -1482.40002 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -1438.5 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 109643620	VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2059598336
VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1438.5 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 109643620	VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1438.5 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 109643620	VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.40002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 109643620		
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 109643620		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc 0 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 109643620		
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 109643620		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 109643620		
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2138628886		
	VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886





Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	593.797974
VehDyn_MinOffset_HwDeg_M_f32	832.25
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.9914389 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.312000006 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1127.44995 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M lgc	1
/ehDyn_AiloWniSpuAutoCntt_Cnt_wi_gc /ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	2.0999999
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	86.099985
enbyn_AutoCntrDetSpd_M_str.FiltPinTrg_HwNm_f32	4.099999
ehDyn_AutoCntrDetSpd_M_str.CntrWindow HwDeg f32	25.1000004
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_nwDeg_132 ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	20423
· - ·	31368
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	164464918
ehDyn_AutoCotrDetSpd_M_str.Timer1_mS_u32	
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2345892861
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.400024
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.96999997e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.30005
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000742000004
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	'
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	75.1999969
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	18
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.69999981
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	100
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	16683
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	22497
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3796740682
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.19995
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000541999994
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.400024
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000872000004
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	2.9000001
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	86.8000031
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.9000001
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	25.7999992
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	20423
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	31368
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	164464918
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892861
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.400024
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.33999994e-005



Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000742000004
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1 0
VehDyn_LoSpdLearnt_Cnt_M_lgc	•
VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	598.789978 -1131.68994
VehDyn PinTrqSV M str.SV UIs f32	8.89999962
VehDyn PinTrgSV M str.K Uls f32	0.000368000008
VehDyn SLPHwAuth Uls M f32	0.296999991
VehDyn_SLPHwPos_HwDeg_M_f32	-1117.18994
k HiSpdVDAuthority Uls f32	1
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	53.2999992
k_TravelXCDeadband_Uls_f32	67.4899979
k_TravelXCHwAuthority_Uls_f32	0.0717500001
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1568734208
target_GetSystemTime_mS_u32_CurrentTime	800969984
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1150.18994
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	876.961975
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.25
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-158.710007 1988.09998
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.19999981
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target VehDyn Per1 VehicleSpeed Kph f32.value	35.8199997
Name	Expected Value
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	164464918
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	2345892861
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.400024 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.30005 ± 0.009
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	800969984
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.400024 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	800969984
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.400024 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCatrl oSpd_M_str.Filter2Enable_Cnt_Igc	1
VehDyn_AutoCntrl_oSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	0 -1111.13794
VehDyn_LoSpdLearnt_Cnt_M_lgc	0





Name	Expected Value
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	856.409973 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.50 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1.	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	120.199997	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	96.1999969	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.19999981	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.1999969	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	7034	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	39056	
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	219286216	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835	
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.5	
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.98000009e-006	
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.40002	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000744000019	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1.	
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	98	
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	66.1999969	
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	9.19999981	
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	50.0999985	
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	5235	
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	27074	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004657	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004657	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.30005	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00054400001	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.40002	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000874000019	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0	
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1	
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1	
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0	
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	120.800003	
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	96.9000015	
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.80000019	
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.9000015	
/ehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	7034	
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	39056	
/ehDyn AutoCntrLoSpd M str.Timer1 mS u32	219286216	
/ehDyn AutoCntrLoSpd M str.Timer2 mS u32	2553156835	
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.5	
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.37999988e-005	
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.40002	
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000744000019	
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1	
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0	
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0	
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0	
/ehDyn_HiSpdLearnt_Cnt_M_lgc	1	
VehDyn Initialize Cnt M Igc	0	
VehDyn_LoSpdLearnt_Cnt_M_lgc	1	
VehDyn MaxOffset HwDeg M f32	603.781982	
VehDyn_MinOffset_HwDeg_M_f32	-1125.00598	





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Name	Input Value
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.8999996
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000368999987
VehDyn_SLPHwAuth_Uls_M_f32 VehDyn_SLPHwPos_HwDeg_M_f32	0.282000005 -1106.93005
k HiSpdVDAuthority Uls f32	0
k LoSpdVDAuthority Uls f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	86.5
k_TravelXCDeadband_Uls_f32	68.9300003
k_TravelXCHwAuthority_Uls_f32	0.0729750022
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4195077888
target_GetSystemTime_mS_u32_CurrentTime	569984000
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1143.93005
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	887.869019 -9.32999992
target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-9.32999992 753.640015
target VehDyn Per1 RelHwPos HwDeg f32.value	1991.90002
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.39999962
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	36.9199982
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.5 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.40002 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	569984000
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.40002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn AutoCntrloSpd M str.Timer1 mS u32	
VehDyn AutoCntrLoSpd M str.Timer ms_us2	219286216 2553156835
VehDyn_AutoCntrLoSpd_M_str.Timet2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	2535150655 456.5 ± 0.0009
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1482.40002 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	887.869019
VehDyn_MinOffset_HwDeg_M_f32	-1143.93005
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.8913927 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.0729750022 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	847.969971 ± 0.1

Τ	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte Call VehDvn Per1 CP1 CheckpointReached	1



Test Step 2.51 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	350.5
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	106.5
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.5
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	56.5
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27401
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.3999
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.98999998e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.299988
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000745999976
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	66.1999969
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	69
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	7.099999
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	41
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	12258
VenDyn_AutoCntrHiSpd_M_str.Timer2Tnresn_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.09998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000546000025
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.40002
VehDyn_AutoChtrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00875999976
VehDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	350.899994
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	106.800003
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.89999962
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	56.7999992
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27401
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.3999
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.41999982e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.299988
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000745999976
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	608.773987
VehDyn_MinOffset_HwDeg_M_f32	-1118.32202
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.80000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00036999994
VehDyn_SLPHwAuth_Uls_M_f32	0.26699999
VehDyn_SLPHwPos_HwDeg_M_f32	-1096.67004
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	96.099985
Transition of the set the foc	70.3700027
k_TravelXCDeadband_Uls_f32	0.0744000000
k_TravelXCHwAuthority_Uls_f32	0.0741999969
k_TravelXCHwAuthority_UIs_f32 target_DtrmnElapsedTime_mS_u32_ElapsedTime	2339853824
k_TravelXCHwAuthority_UIs_f32 target_DtrmnElapsedTime_mS_u32_ElapsedTime target_GetSystemTime_mS_u32_CurrentTime	2339853824 3351443200
k_TravelXCHwAuthority_UIs_f32 target_DtrmnElapsedTime_mS_u32_ElapsedTime	2339853824

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeedValid Cnt Igc	target VehDyn Per1 VehicleSpeedValid Cnt Igc
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target VehDyn Per1 VehicleSpeed Kph f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1137.67004
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	898.776001
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.40999985
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	159.139999
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-2000.01001
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	4.9000001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	38.6699982
Name	Expected Value
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	274107514
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.3999 ± 0.009
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-753.299988 ± 0.0009
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	3351443200
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	4211268631
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1482.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.40002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	1
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	3351443200
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420810
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-2500.3999 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.299988 ± 0.0009
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt Igc	0
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	1
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	1
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn Initialize Cnt M Igc	1
VehDyn LoSpdLearnt Cnt M lgc	0
VehDyn MaxOffset HwDeg M f32	898.776001
VehDyn_MinOffset_HwDeg_M_f32	-1137.67004
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.7936511 ± 0.000009
target VehDyn Per1 SensorlessAuthority Uls f32.value	0.0741999969 ± 0.004

Τ	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte Call VehDyn Per1 CP1 CheckpointReached	1

Test Step 2.52 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	400.100006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	116.099998
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	54.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53759

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	18715
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.0000011e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.399994
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000747999991
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	34
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	79.099985
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	63
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	60000
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	26195
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2160073393
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
	-753.200012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000547999982
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	1991.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000877999992
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	400.799988
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	116.900002
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.8000002
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	54.9000015
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53759
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	18715
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.46000013e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.399994
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000747999991
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt lgc	0
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt lgc	0
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	613.765991
VehDyn_MinOffset_HwDeg_M_f32	-1111.63794
VehDyn_PinTrqSV_M_str.SV_UIs_f32	3.20000005
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000371000002
VehDyn_SLPHwAuth_Uls_M_f32	0.252000004
VehDyn_SLPHwPos_HwDeg_M_f32	-1086.41003
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	45
k_TravelXCDeadband_Uls_f32	71.8099976
k_TravelXCHwAuthority_Uls_f32	0.075424999
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3524313344
target_GetSystemTime_mS_u32_CurrentTime	1358028288
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_vehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1131.41003
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	909.682983
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.48999977
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1100.64001





Name	Input Value
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1900.87
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.599999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	45.3699989
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.399994 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1358028288
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.399994 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-991.187012
VehDyn_MinOffset_HwDeg_M_f32	-1111.63794
VehDyn_PinTrqSV_M_str.SV_Uls_f32	3.19533825 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.252000004 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1086.41003 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.53 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	600.200012
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	126.199997
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.1999998
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	85.1999969
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13352
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	14442
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	383750110
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.3999
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.01e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.30005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000750000007
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	2.0999999
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	199

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	3.20000005
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	88.1999969
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	30000
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	43128
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.100006
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000549999997
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.19995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000880000007
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	600.900024
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	126.800003
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.8999996
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	85.8000031
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	13352
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14442
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	383750110
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948759
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.3999
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.50000007e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.30005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000750000007
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_HiSpdLearnt_Cnt_M_lgc	0
/ehDyn_Initialize_Cnt_M_lgc	1
/ehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	618.757996
/ehDyn_MinOffset_HwDeg_M_f32	-1104.95398
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.4000001
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00037200001
VehDyn_SLPHwAuth_Uls_M_f32	0.237000003
VehDyn_SLPHwPos_HwDeg_M_f32	-1076.15002
k_HiSpdVDAuthority_Uls_f32	0.670000017
LoSpdVDAuthority_Uls_f32	0
x_SysKinRatio_MtrDegpHwDeg_f32	78.3000031
x_TravelXCDeadband_Uls_f32	73.25
x_TravelXCHwAuthority_Uls_f32	0.0766500011
arget_DtrmnElapsedTime_mS_u32_ElapsedTime	2108719104
arget_GetSystemTime_mS_u32_CurrentTime	1975593216
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
arget_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1125.15002
arget_VehDyn_Per1_CwEOT_HwDeg_f32.value	920.590027
arget_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.56999969
arget_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1235.5
arget_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1900.90002
arget_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8
arget_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
arget_VehDyn_Per1_VehicleSpeed_Kph_f32.value	456.179993
Name	Expected Value
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	383750110
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.3999 ± 0.009
	-2500.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	





Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1975593216
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.100006 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1975593216
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.3999 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	618.757996
VehDyn_MinOffset_HwDeg_M_f32	775.75
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.40158939 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.237000003 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1076.15002 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	200.300003
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	136.300003
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.3000002
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.3000031
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21364
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	52716
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.01999989e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.3999
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000752000022
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	120
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	124
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	1
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	75.4000015
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	109643620
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.19995
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000552000012
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.1001
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000882000022
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	200.800003
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	136.899994
VehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	14.8000002
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.9000015
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21364
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52716
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.54000001e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.3999
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000752000022
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-623.75
VehDyn_MinOffset_HwDeg_M_f32	-1098.27002
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.80000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000372999988
VehDyn_SLPHwAuth_Uls_M_f32	0.222000003
VehDyn_SLPHwPos_HwDeg_M_f32	-1065.89001
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	96.5
k_TravelXCDeadband_Uls_f32	74.6900024
k_TravelXCHwAuthority_Uls_f32	0.0778750032
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2894938880
target_GetSystemTime_mS_u32_CurrentTime	910116864
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target Rte Inst Ap VehDyn.VehDyn Per1 MotorVelCRF MtrRadpS f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessAuthority Uls f32	
	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1118.89001
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	931.497009
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.64999962
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	154.339996
target VehDyn Per1 RelHwPos HwDeg f32.value	-1482.40002
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.80000019
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	45.5750008
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.3999 ± 0.009
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	910116864
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	109643620
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.1001 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
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Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.3999 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	931.497009
VehDyn_MinOffset_HwDeg_M_f32	-1118.89001
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.7935214 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.222000003 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1065.89001 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.55 (Repeat Count = 1)	
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	457.100006
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	146.100006
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.1000004
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	32.0999985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	33198
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	7778
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892861
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3589476708
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.40002
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.03000002e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.30005
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000753999979
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	350
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	84.099985
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2.20000005
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	97
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	26195
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	60000
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4290967295
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	164464918
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-753.299988
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000554000027
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1438.59998
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000883999979
/ehDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	0
/ehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	457.600006
/ehDyn AutoCntrLoSpd M str.VehSpd kph f32	146.100006
/ehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	16.6000004
/ehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	32.0999985
/ehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	33198
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	7778
/ehDyn AutoCntrLoSpd M str.Timer1 mS u32	2345892861
/ehDyn_AutoCntrLoSpd_M_str.Timer1_m3_u32	3589476708
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.40002
/ehDyn_AutoCntrLoSpd_wi_str.ReiHwPosFilt1SV_HwDeg_str.Sv_dis_i32 /ehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.57999995e-005



Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000753999979
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1 0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn MaxOffset HwDeg M f32	628.742004
VehDyn_MinOffset_HwDeg_M_f32	-1091.58606
VehDyn_PinTrqSV_M_str.SV_Uls_f32	3.20000005
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000373999996
VehDyn_SLPHwAuth_Uls_M_f32	0.207000002
VehDyn_SLPHwPos_HwDeg_M_f32	-1055.63
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	32
k_TravelXCDeadband_Uls_f32	76.1299973
k_TravelXCHwAuthority_UIs_f32	0.0790999979
target_DtrmnElapsedTime_mS_u32_ElapsedTime target GetSystemTime mS u32 CurrentTime	2059598336 402713344
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target VehDyn Per1 CcwEOT HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target VehDyn Per1 CwEOT HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1112.63
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	942.403992
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.72999954
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.900024 -753.299988
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	3.2000005
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	75.9100037
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	2345892861
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.40002 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	402713344
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	164464918 753 200088 + 0 0000
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.299988 ± 0.0009 -1438.59998 ± 0.009
VehDyn_AutoCntrhiSpd_M_str.Filter1Enable_Cnt_lgc	-1436.39996 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	402713344
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.40002 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn Initialize Cnt M Igc	1.3
·	
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	0 942.403992
VehDyn_LoSpdLearnt_Cnt_M_lgc	0





Name	Expected Value
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1055.63 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

lame	Input Value
htmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
, – – ,	
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	498.799988
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	156.800003
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	3.7999995
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52.7999992
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21335
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	34188
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.599976
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.03999991e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.3999
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000755999994
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	400.200012
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	64
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.4000015
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	43128
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	30000
'ehDyn AutoCntrHiSpd M str.Timer1 mS u32	1078320779
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	219286216
'ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.200012
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000555999984
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.69995
	0.000885999994
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	498.100006
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156.600006
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3.0999999
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.5999985
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21335
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	34188
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.599976
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.61999989e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.3999
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000755999994
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	0
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_HiSpdLearnt_Cnt_M_lgc	1
ehDyn_nispuceam_on_wigc	1
ehDyn_milanze_cit_wi_gc	1
ehDyn_tosputeant_cnt_w_gc /ehDyn_MaxOffset_HwDeg_M_f32	633.734009
ehDyn_MinOffset_HwDeg_M_f32	-1084.90198

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Name	Input Value
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.4000001
VehDyn PinTrgSV M str.K UIs f32	0.000375000003
VehDyn_SLPHwAuth_Uls_M_f32	0.192000002
VehDyn_SLPHwPos_HwDeg_M_f32	-1045.37
k_HiSpdVDAuthority_Uls_f32	0.170000002
k_LoSpdVDAuthority_UIs_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	52.2999992
k_TravelXCDeadband_Uls_f32	77.5699997
k_TravelXCHwAuthority_Uls_f32	0.080325
target_DtrmnElapsedTime_mS_u32_ElapsedTime	800969984
target_GetSystemTime_mS_u32_CurrentTime	4178051584
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_UIs_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCritoCkr_Mithin_isz	target VehDyn Per1 VehicleSpeedValid Cnt Igc
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target VehDyn Per1 VehicleSpeed Kph f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1106.37
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	953.310974
target VehDyn Per1 HwTorque HwNm f32.value	-9.81000042
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1253.09998
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	456.700012
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.4000001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	159.820007
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.599976 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.3999 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_Igc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_Igc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1 1 4178051584
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_Igc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1 1 4178051584 219286216
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1 1 4178051584 219286216 456.200012 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1 1 4178051584 219286216 456.200012 ± 0.0009 1950.69995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1 1 4178051584 219286216 456.200012 ± 0.0009 1950.69995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1 1 4178051584 219286216 456.200012 ± 0.0009 1950.69995 ± 0.009 0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1 1 4178051584 219286216 456.200012 ± 0.0009 1950.69995 ± 0.009 0 1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1 1 4178051584 219286216 456.200012 ± 0.0009 1950.69995 ± 0.009 0 1 1 0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Timer1_mS_u32	1 1 4178051584 219286216 456.200012 ± 0.0009 1950.69995 ± 0.009 0 1 1 0 2553156835
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1 1 4178051584 219286216 456.200012 ± 0.0009 1950.69995 ± 0.009 0 1 1 0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1 1 4178051584 219286216 456.200012 ± 0.0009 1950.69995 ± 0.009 0 1 1 0 2553156835 3796740682
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	1 1 4178051584 219286216 456.200012 ± 0.0009 1950.69995 ± 0.009 0 1 1 0 2553156835 3796740682 753.599976 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1 1 4178051584 219286216 456.200012 ± 0.0009 1950.69995 ± 0.009 0 1 1 0 2553156835 3796740682 753.599976 ± 0.0009 2800.3999 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1 1 4178051584 219286216 456.200012 ± 0.0009 1950.69995 ± 0.009 0 1 1 1 0 2553156835 3796740682 753.599976 ± 0.0009 2800.3999 ± 0.009 1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Filter1PhosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1 1 4178051584 219286216 456.200012 ± 0.0009 1950.69995 ± 0.009 0 1 1 0 2553156835 3796740682 753.599976 ± 0.0009 2800.3999 ± 0.0009 1 0 0 1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1 1 4178051584 219286216 456.200012 ± 0.0009 1950.69995 ± 0.009 0 1 1 0 2553156835 3796740682 753.599976 ± 0.0009 2800.3999 ± 0.009 1 0 0 1 1 1 1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_Initialize_Cnt_M_lgc	1 1 4178051584 219286216 456.200012 ± 0.0009 1950.69995 ± 0.009 0 1 1 0 2553156835 3796740682 753.599976 ± 0.0009 2800.3999 ± 0.009 1 0 0 1 1 1 1 1 1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Sy_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	1 1 4178051584 219286216 456.200012 ± 0.0009 1950.69995 ± 0.009 0 1 1 0 2553156835 3796740682 753.599976 ± 0.0009 1 0 0 1 1 1 1 1 1 1 1 1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	1 1 4178051584 219286216 456.200012 ± 0.0009 1950.69995 ± 0.009 0 1 1 0 2553156835 3796740682 753.599976 ± 0.0009 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	1 1 4178051584 219286216 456.200012 ± 0.0009 1950.69995 ± 0.009 0 1 1 0 2553156835 3796740682 753.599976 ± 0.0009 2800.3999 ± 0.0009 1 0 0 1 1 1 1 1 1 1 1 1 496.610992 -1084.90198
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_MinOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_UIs_f32	1 1 4178051584 219286216 456.200012 ± 0.0009 1950.69995 ± 0.009 0 1 1 0 2553156835 3796740682 753.599976 ± 0.0009 2800.3999 ± 0.0009 1 0 1 1 1 1 1 1 496.610992 -1084.90198 -5.40169239 ± 0.000009
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	1 1 4178051584 219286216 456.200012 ± 0.0009 1950.69995 ± 0.009 0 1 1 0 2553156835 3796740682 753.599976 ± 0.0009 2800.3999 ± 0.0009 1 0 0 1 1 1 1 1 1 1 1 1 496.610992 -1084.90198

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte Call VehDvn Per1 CP1 CheckpointReached	1



Test Step 2.57 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1.
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	539.299988
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	166.300003
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	5.30000019
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	41.2999992
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.30005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.05000003e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.30005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000758000009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	600
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	52.2000008
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	6.099999
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	42 49475
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	38708 2160073393
, = = = = = =	274107514
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200
VehDyn_AutoCntrhiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000558
VehDyn AutoCntrhiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1885.90002
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.0088800001
VehDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	539.599976
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	166.100006
VehDyn AutoCntrLoSpd M str.FiltPinTrq HwNm f32	5.5999999
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	41.0999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	36416
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.65999983e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000758000009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1.
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	638.726013
VehDyn_MinOffset_HwDeg_M_f32	-1078.21802
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.5999999
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000376000011
VehDyn_SLPHwAuth_Uls_M_f32	0.177000001
VehDyn_SLPHwPos_HwDeg_M_f32	-1035.10999
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_Uls_f32	0.00899999961
k_SysKinRatio_MtrDegpHwDeg_f32	10.5
k_TravelXCDeadband_Uls_f32	79.0100021
k_TravelXCHwAuthority_Uls_f32	0.0815500021
target_DtrmnElapsedTime_mS_u32_ElapsedTime	569984000
target_GetSystemTime_mS_u32_CurrentTime	4077829376
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1100.10999
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	964.218018
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.89000034
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.700012
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-2500.1001
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	357.25
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4077829376
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	274107514
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.90002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4077829376
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	638.726013
VehDyn_MinOffset_HwDeg_M_f32	1399.98999
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.59369612 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.00899999961 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1061.80005 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.58 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	580.099976
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	176.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	9.10000038
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	63.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	34738

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36612
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.59998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.05999993e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000760000024
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	200.199997
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	34
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	12.1000004
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	43128
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58869
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	328928812
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	3200
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000560000015
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	142.5
	0.000890000025
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	580.200012
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	176.300003
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	9.19999981
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	63.2999992
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	34738
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36612
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.59998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.70000014e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000760000024
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt Igc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	0
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn MaxOffset HwDeg M f32	643.718018
	-1071.53406
VehDyn_MinOffset_HwDeg_M_f32	
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.5
VehDyn_PinTrqSV_M_str.K_UIs_f32	0.000376999989
VehDyn_SLPHwAuth_Uls_M_f32	0.162
VehDyn_SLPHwPos_HwDeg_M_f32	-1024.84998
k_HiSpdVDAuthority_UIs_f32	0
k_LoSpdVDAuthority_UIs_f32	0.980000019
k_SysKinRatio_MtrDegpHwDeg_f32	25.1000004
k_TravelXCDeadband_Uls_f32	80.4499969
k_TravelXCHwAuthority_UIs_f32	0.0827749968
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3351443200
target_GetSystemTime_mS_u32_CurrentTime	2644937728
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	
	target VenDyn Peri VenicleSpeedValid Cht idc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Koh_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	target_VehDyn_Per1_VehicleSpeed_Kph_f32 -1093.84998
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32





Name	Input Value
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	2600.69995
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	1.5
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	456.549988
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.59998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.5 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2644937728
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	328928812
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	3200 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	142.5 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.59998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.5 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	975.125
VehDyn_MinOffset_HwDeg_M_f32	-1093.84998
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.497949 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.162 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1024.84998 ± 0.1

Τ	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.59 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	621.799988
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	186.800003
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	7.80000019
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	88.8000031
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	26195
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22037
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.30005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.07000005e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.59998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000761999981
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	457
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	18.2000008

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18.2000008
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	53
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53759
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	18715
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	383750110
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000561999972
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.40002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000891999982
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	621.299988
VehDyn_AutoCottleSed_M_str.VehSpd_kph_f32	186.199997 7.30000019
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	88.1999969
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	26195
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22037
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1991.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.7400008e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.59998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000761999981
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-648.710022
VehDyn_MinOffset_HwDeg_M_f32	-1064.84998
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60000002
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000377999997
VehDyn_SLPHwAuth_Uls_M_f32	0.147
VehDyn_SLPHwPos_HwDeg_M_f32	-1014.59003
k_HiSpdVDAuthority_UIs_f32	1
k_LoSpdVDAuthority_UIs_f32	0.75999999
k_SysKinRatio_MtrDegpHwDeg_f32	86 81.8899994
k_TravelXCDeadband_Uls_f32 k_TravelXCHwAuthority_Uls_f32	0.083999989
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1358028288
target_GetSystemTime_mS_u32_CurrentTime	2212175616
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 CwEOT HwDeg f32	target VehDyn Per1 CwEOT HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target VehDyn Per1 HwTorque HwNm f32
target Rte Inst Ap VehDyn.VehDyn Per1 MotorVelCRF MtrRadpS f32	target VehDyn Per1 MotorVelCRF MtrRadpS f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1087.58997
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	986.031982
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-4.57999992
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1199.19995
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-2400.5
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.60000002
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	258.200012
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc	1
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	3174948759
, – , – – – –	4290967295
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.30005 ± 0.009 -1988.59998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1991.30005 ± 0.009 -1988.59998 ± 0.009 1
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.30005 ± 0.009 -1988.59998 ± 0.009





Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2212175616
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	383750110
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0 ± 0.000009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.40002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2212175616
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.59998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	986.031982
VehDyn_MinOffset_HwDeg_M_f32	-1087.58997
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60113347 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.75999999 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-411.899994 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.60 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	662.900024
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	196.899994
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	5.9000001
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	75.9000015
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	43190
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3186
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.6001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.07999994e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000763999997
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	498.200012
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	88
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.1000004
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.4000015
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	13352
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	14442
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4290967295
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1440.88
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larget_Ret_Inst_Ap_VenDyn_VenDyn_Pert_CoxEOT_HWDeg_132 larget_VenDyn_Pert_CoxEOT_HWDeg_132 larget_Ret_Inst_Ap_VenDyn_VenDyn_Pert_CoxEOT_HWDeg_032 target_VenDyn_Pert_LWTDQ_HWTM_132 larget_Ret_Inst_Ap_VenDyn_VenDyn_Pert_Mortor_HWTM_132 target_VenDyn_Pert_HWTM_132 larget_Ret_Inst_Ap_VenDyn_VenDyn_Pert_Mortor_HWTM_132 target_VenDyn_Pert_HWTM_132 larget_Ret_Inst_Ap_VenDyn_VenDyn_Pert_RetHWPGs_HWDeg_132 target_VenDyn_Pert_RetHWPGs_HWDeg_132 larget_Ret_Inst_Ap_VenDyn_VenDyn_Pert_SensortessAuthority_Uis_132 target_VenDyn_Pert_RetHWPGs_HWDeg_132 larget_Ret_Inst_Ap_VenDyn_VenDyn_Pert_SensortessAuthority_Uis_132 target_VenDyn_Pert_SensortessAuthority_Uis_132 larget_Ret_Inst_Ap_VenDyn_VenDyn_Pert_SensortessAuthority_Uis_132 target_VenDyn_Pert_SensortessAuthority_Uis_132 larget_Ret_Inst_Ap_VenDyn_VenDyn_Pert_SensortessAuthority_Uis_132 target_VenDyn_Pert_SensortessAuthority_Uis_132 larget_Ret_Inst_Ap_VenDyn_VenDyn_Pert_VenHickSepeedValid_Uis_12 target_VenDyn_Pert_SensortessAuthority_Uis_132 larget_VenDyn_Pert_CowEOT_HWDeg_132_value 1986_132966 larget_VenDyn_Pert_Ve	k_TravelXCHwAuthority_Uls_f32	0.085225001
target, Rie, Inst., Ap., VehDyn, VehDyn, Pert., CoxEOT, HwDeg, J32 target, VehDyn, Pert., CoxEOT, HwDeg, D32 target, Rie, Inst., Ap., VehDyn, VehDyn, Pert., Jew Forque, HwNm, J32 target, VehDyn, Pert., HwTorque, HwNm, J32 target, Rie, Inst., Ap., VehDyn, VehDyn, Pert., HwTorque, HwNm, J32 target, VehDyn, Pert., HwTorque, HwNm, J32 target, Rie, Inst., Ap., VehDyn, VehDyn, Pert., Pert., Motor, VelCRF, MirkadpS, J32 target, VehDyn, Pert., Motor, VehDyn, Pert., SensoriessAuthority, Uls., J32 target, Rie, Inst., Ap., VehDyn, VehDyn, Pert., SensoriessAuthority, Uls., J32 target, VehDyn, Pert., SensoriessAuthority, Uls., J32 target, Rie, Inst., Ap., VehDyn, VehDyn, Pert., SensoriessAuthority, Uls., J32 target, VehDyn, Pert., SensoriessAuthority, Uls., J32 target, Rie, Inst., Ap., VehDyn, VehDyn, Pert., VehicleSpeed/Kip, J32 target, VehDyn, Pert., SensoriessAuthority, Uls., J32 target, Rie, Inst., Ap., VehDyn, VehDyn, Pert., VehicleSpeed Kip, J32 target, VehDyn, Pert., VehicleSpeed Kip, J32 target, VehDyn, Pert., Devic, J32, Value 1081, 32996 target, VehDyn, Pert., Mehrove, HwDeg, J32, Value 986, 339026 target, VehDyn, Pert., Mehrove, HwDeg, J32, Value 1081, 32996 target, VehDyn, Pert., VehicleSpeed Valid, Crt., Igo., Value 11 target, VehDyn, Pert., VehicleSpeed Valid, Crt., Igo., Value 12 target, VehDyn, Pert., VehicleS	target_DtrmnElapsedTime_mS_u32_ElapsedTime	1975593216
larget, Rie, Inst., Ap., VehDyn, VehDyn, Pert., LewEOT, HwDeg, fi2 target, VehDyn, Pert., LewEOT, HwDeg, fi2 larget, Rie, Inst., Ap., VehDyn, VehDyn, Pert., Michorou, Pert., Michorou, Pert., Michorou, Pert., Michorou, Pert., Michorou, Pert., Michorou, Pert., Michorou, Pert., Michorou, Pert., Michorou, Pert., Michorou, Pert., Michorou, Pert., Michorou, Pert., Rell-WPos, Jav. Michorou, Pert., Rell-WPos, Jav. Michorou, Pert., Rell-WPos, Jav. Michorou, Pert., Rell-WPos, Jav. Michorou, Pert., Rell-WPos, Jav. Michorou, Pert., Rell-WPos, Jav. Michorou, Pert., Rell-WPos, Jav. Michorou, Pert., Rell-WPos, Jav. Michorou, Pert., Rell-WPos, Jav. Michorou, Pert., Rell-WPos, Jav. Michorou, Pert., Rell-WPos, Jav. Michorou, Pert., Pert., ResordessAuthority, Uls., fi2 target., VehDyn, Pert., Rell-WPos, Jav. Michorou, Pert., Vehicle, Speed Valid, Ch. Ligo. Larget, Rie, Inst., Ap., VehDyn, VehDyn, Pert., Pert., Pert., Michorou, Pert., VehDyn, Pert., Vehicle, Speed Valid, Ch. Ligo. target., VehDyn, Pert., Vehicle, Michorou, Pert., Vehicle, Speed Valid, Ch. Ligo. Larget, VehDyn, Pert., CWCOT, HwDeg, fi2x value 1-1081, 32996 Larget, VehDyn, Pert., Michorou, Pert., Web, St., Value 5-15899995 Larget, VehDyn, Pert., Michorou, Pert., Michorou, St., Value 4-599999 Larget, VehDyn, Pert., Michorou, Pert., Vehicle, Speed Valid, Ch. Ligo. 1 Larget, VehDyn, Pert., Vehicle, Speed Kyla, fi2x value 4-5999999 Larget, VehDyn, Pert., Vehicle, Speed Kyla, fi2x value 4-5999999 Larget, VehDyn, Pert., Vehicle, Speed Kyla, fi2x value 1 </td <td>target_GetSystemTime_mS_u32_CurrentTime</td> <td>2059598336</td>	target_GetSystemTime_mS_u32_CurrentTime	2059598336
larget, Rie, Inst., Ap., VehDyn, VehDyn, Pert., LewEOT, HwDeg, fi2 target, VehDyn, Pert., LewEOT, HwDeg, fi2 larget, Rie, Inst., Ap., VehDyn, VehDyn, Pert., Michorou, Pert., Michorou, Pert., Michorou, Pert., Michorou, Pert., Michorou, Pert., Michorou, Pert., Michorou, Pert., Michorou, Pert., Michorou, Pert., Michorou, Pert., Michorou, Pert., Michorou, Pert., Rell-WPos, Jav. Michorou, Pert., Rell-WPos, Jav. Michorou, Pert., Rell-WPos, Jav. Michorou, Pert., Rell-WPos, Jav. Michorou, Pert., Rell-WPos, Jav. Michorou, Pert., Rell-WPos, Jav. Michorou, Pert., Rell-WPos, Jav. Michorou, Pert., Rell-WPos, Jav. Michorou, Pert., Rell-WPos, Jav. Michorou, Pert., Rell-WPos, Jav. Michorou, Pert., Rell-WPos, Jav. Michorou, Pert., Pert., ResordessAuthority, Uls., fi2 target., VehDyn, Pert., Rell-WPos, Jav. Michorou, Pert., Vehicle, Speed Valid, Ch. Ligo. Larget, Rie, Inst., Ap., VehDyn, VehDyn, Pert., Pert., Pert., Michorou, Pert., VehDyn, Pert., Vehicle, Speed Valid, Ch. Ligo. target., VehDyn, Pert., Vehicle, Michorou, Pert., Vehicle, Speed Valid, Ch. Ligo. Larget, VehDyn, Pert., CWCOT, HwDeg, fi2x value 1-1081, 32996 Larget, VehDyn, Pert., Michorou, Pert., Web, St., Value 5-15899995 Larget, VehDyn, Pert., Michorou, Pert., Michorou, St., Value 4-599999 Larget, VehDyn, Pert., Michorou, Pert., Vehicle, Speed Valid, Ch. Ligo. 1 Larget, VehDyn, Pert., Vehicle, Speed Kyla, fi2x value 4-5999999 Larget, VehDyn, Pert., Vehicle, Speed Kyla, fi2x value 4-5999999 Larget, VehDyn, Pert., Vehicle, Speed Kyla, fi2x value 1 </td <td>target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32</td> <td>target VehDyn Per1 CcwEOT HwDeg f32</td>	target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	target VehDyn Per1 CcwEOT HwDeg f32
larget, Rei, Inst, Ap, Verhöpn, Verhöpn, Pert HwTorque, HwNm, f.32 larget, Verhöpn, Pert HwTorque, HwNm, f.32 larget, Rei, Inst, Ap, Verhöpn, Verhöpn, Pert ReithwFos, HwDeg, f.32 larget, Verhöpn, Pert ReithwFos, HwDeg, f.32 larget, Rei, Inst, Ap, Verhöpn, Verhöpn, Pert SensoriessAuthority, Uis, f.32 larget, Verhöpn, Pert SensoriessAuthority, Uis, f.32 larget, Rei, Inst, Ap, Verhöpn, Verhöpn, Pert, SensoriessAuthority, Uis, f.32 larget, Verhöpn, Pert, SensoriessAuthority, Uis, f.32 larget, Rei, Inst, Ap, Verhöpn, Verhöpn, Pert, VerhicleSpeed Mph, f.32 larget, Verhöpn, Pert, SensoriessAuthority, Uis, f.32 larget, Rei, Inst, Ap, Verhöpn, Verhöpn, Pert, VerhicleSpeed Mph, f.32 larget, Verhöpn, Pert, VerhicleSpeed Mph, f.32 larget, Verhöpn, Pert, VerhicleSpeed Mph, f.32 larget, Verhöpn, Pert, VerhicleSpeed Mph, f.32 larget, Verhöpn, Pert, VerhicleSpeed Mph, f.32 larget, Verhöpn, Pert, VerhicleSpeed Mph, f.32 larget, Verhöpn, Pert, Limb Creue, Hwithn, f.32, value 996, 39926 larget, Verhöpn, Pert, ReithwFos, Pert, ReithwFos, Perhode, f.32, value 108, 329999 larget, Verhöpn, Pert, VerhicleSpeed Mph, f.32, value 11 larget, Verhöpn, Pert, VerhicleSpeed Mph, f.32, value 12 larget, Verhöpn, Pert, VerhicleSpeed Mph, f.32, value 399, 10006 larget, Verhöpn, Pert, VerhicleSpeed Mph, f.32, value 190, 200, 200, 20		
larget_Rie_Inst_Ap_VehDyn_VehDyn_Per1_MotorVeiCRF_MtrRadpS_f32 target_Rie_Inst_Ap_VehDyn_VehDyn_Per1_ReiHvPos_HvDog_f32 target_VehDyn_Per1_ReiHvPos_HvDog_f32 target_VehDyn_Per1_ReiHvPos_HvDog_f32 target_VehDyn_Per1_ReiHvPos_HvDog_f32 target_Rie_Inst_Ap_VehDyn_VehDyn_Per1_SensoriessAuthority_Uis_f32 target_Rie_Inst_Ap_VehDyn_VehDyn_Per1_SensoriessAuthority_Uis_f32 target_Rie_Inst_Ap_VehDyn_VehDyn_Per1_SensoriessAuthority_Uis_f32 target_Rie_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehIndeSpeedValid_Cnt_Igo target_Rie_Inst_Ap_VehDyn_VehDyn_Per1_VehIndeSpeedValid_Cnt_Igo target_VehDyn_Per1_VehIndeSpeedValid_Cnt_Igo target_VehDyn_Per1_VehIndeSpeedValid_Cnt_Igo target_VehDyn_Per1_VehIndeSpeedValid_Cnt_Igo target_VehDyn_Per1_VehIndeSpeedValid_Cnt_Igo target_VehDyn_Per1_VehIndeSpeedValid_Cnt_Igo target_VehDyn_Per1_VehIndeSpeedValid_Cnt_Igo target_VehDyn_Per1_VehIndeSpeed_Kpf_f32 target_VehDyn_Per1_VehIndeSpeed_Kpf_f32 target_VehDyn_Per1_VehIndeSpeed_Kpf_f32 target_VehDyn_Per1_VehIndeSpeed_Kpf_f32 target_VehDyn_Per1_NetricleSpeed_Kpf_f32 target_VehDyn_Per1_NetricleSpeed_Kpf_f32 target_VehDyn_Per1_NetricleSpeed_Kpf_f32 target_VehDyn_Per1_NetricleSpeed_Kpf_f32 target_VehDyn_Per1_VehIndeSpeed_Kpf_f32 target_VehDyn_Per1_VehIndeSpeed_Kpf_f32 target_VehDyn_Per1_VehIndeSpeed_Kpf_f32 target_VehDyn_Per1_VehIndeSpeed_VehIndeXpf_f32 target_VehDyn_AutoCntrDetSpd_M_str_Timer1_ms_u32 target_VehDyn_AutoCntrDetSpd_M_str_Timer2_ms_u32 target_VehD		
target_Re_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDog_132 target_VehDyn_Per1_RelHwPos_HwDog_132 target_VehDyn_Per1_SensorlessAuthonity_Uis_132 target_Re_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthonity_Uis_132 target_VehDyn_Per1_SensorlessAuthonity_Uis_132 target_Re_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthonity_Uis_132 target_VehDyn_Per1_SensorlessAuthonity_Uis_132 target_Re_Inst_Ap_VehDyn_VehDyn_Per1_VehiclesSpeed/RefF_MirNm_132 target_VehDyn_Per1_TorqueCmdCRF_MirNm_132 target_VehDyn_Per1_CwEo_ThuDog_132_value target_VehDyn_Per1_VehicleSpeed_Kpf_132 target_VehDyn_Per1_CwEo_ThuDog_132_value +1081_32986 target_VehDyn_Per1_Mortorue_HwNm_152_value +515999985 target_VehDyn_Per1_Mortorue_HwNm_152_value +515999995 target_VehDyn_Per1_NelicleSpeed/Valid_Cnt_1gc_value 1299.5 target_VehDyn_Per1_VehicleSpeed/Valid_Cnt_1gc_value 14 target_VehDyn_Per1_VehicleSpeed/Valid_Cnt_1gc_value 14 target_VehDyn_Per1_VehicleSpeed/Valid_Cnt_1gc_value 14 VehDyn_Allochtitoetspd_M_str_Timer_ms_us2 3382212733 VehDyn_AutoCntribetspd_M_str_Timer_ms_us2 3382212733 VehDyn_AutoCntribetspd_M_str_Tilert_Enable_Cnt_1gc 0 VehDyn_AutoCntribetspd_M_str_Tilert_Enable_Cnt_1gc 0 VehDyn_		
target_Rie_Inst_Ap_VehDyn.Per1_SensoriessAuthority_Uls_f32 target_VehDyn_Per1_SensoriessAuthority_Uls_f32 target_Rie_Inst_Ap_VehDyn.Per1_SensoriessAwiPos_HwDeg_f32 target_VehDyn_Per1_SensoriessHwDeg_f32 target_Rie_Inst_Ap_VehDyn.Per1_SensoriessHwDeg_f32 target_VehDyn_Per1_Torque_CmdCRF_MirNm_f32 target_Rie_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kpf_f32 target_VehDyn_Per1_CweEOT_HwDeg_f32 value target_VehDyn_Per1_CowEOT_HwDeg_f32 value -1081.32996 target_VehDyn_Per1_Mortorque_HwNm_f32 value -515999985 target_VehDyn_Per1_Mortorque_HwNm_f32 value -515999985 target_VehDyn_Per1_Mortorque_HwNm_f32 value -5159999999 target_VehDyn_Per1_Mortorque_HwNm_f32 value -1299.5 target_VehDyn_Per1_VehicleSpeed_Kpf_f32 value -1299.5 target_VehDyn_Per1_VehicleSpeed_Kpf_f32 value 459999999 target_VehDyn_Per1_VehicleSpeed_Kpf_f32 value 100006 target_VehDyn_Per1_VehicleSpeed_Kpf_f32 value 11 VehDyn_AutoCntrDelSpd_M_Str.Timer2_mS_u32 3382212733 VehDyn_AutoCntrDelSpd_M_Str.Timer2_mS_u32 -2400.6001 ± 0.009 VehDyn_AutoCntrDelSpd_M_Str.Tiler1Ensibe_Cnt_lge 0 VehDyn_AutoCntrDelSpd_M_str.Filter2Ensibe_Cnt_lge 1 VehDyn_AutoCntrHiSpd_M_		
target_Re_Inst_Ap_VehDyn.Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Re_Inst_Ap_VehDyn.Per1_TorqueCmdCRF_MrNm_f32 target_VehDyn.Per1_TorqueCmdCRF_MrNm_f32 target_Re_Inst_Ap_VehDyn.Per1_VehicleSpeed (In fuge target_VehDyn.Per1_TorqueCmdCRF_MrNm_f32 target_VehDyn.Per1_CwCOT_HwDeg_f32-value -1081.32998 target_VehDyn.Per1_CwCOT_HwDeg_f32-value 996.399026 target_VehDyn.Per1_MrTorque_HwNm_f32-value -515999985 target_VehDyn.Per1_Mrtorque_HwNm_f32-value -1299.5 target_VehDyn.Per1_TorqueCmdCRF_Mrtnm_f32-value 459999999 target_VehDyn.Per1_TorqueCmdCRF_Mrtnm_f32-value 459999999 target_VehDyn.Per1_VehicleSpeed Vali_Cnt_Igc_value 18900006 Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_ms_u32 1078320779 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiltISV_HwDeg_str.SV_UIs_f32 2400.0001 to.009 VehDyn_AutoCntrDetSpd_M_str.FilterEnable_Cnt_Igc 0 VehDyn_AutoCntrDetSpd_M_str.FilterEnable_Cnt_Igc 0 VehDyn_AutoCntrDetSpd_M_str.FilterInitialized_Cnt_Igc 1 VehDyn_AutoCntrHiSpd_M_str.FilterInitialized_Cnt_Igc 1440.88 ± 0.009 <td></td> <td></td>		
target_Rel_inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rel_inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcvEOT_HwDeg_f32_value .1081.32996 .1081.32996 .1081.32996 .1081.32996 .1081.32996 .1081.32996 .1081.32996 .1081.32996 .1081.32996 .1081.32996 .1081.32996 .1081.32996 .1081.32996 .1081.32996 .1081.32996 .1081.32996 .1081.32996 .1081.3299985 .1081.3299985 .1081.3299985 .1081.3299985 .1081.3299985 .1081.3299985 .1081.329999985 .1081.329999985 .1081.329999985 .1081.329999985 .1081.3299999		target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CweCp_TSV_aule 1-081,3296 target_VehDyn_Per1_CweCp_TSV_aule 966,939026 target_VehDyn_Per1_HwTorque_HwNm_f32.value 5-15999985 target_VehDyn_Per1_Men_f32.value 1299,5 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value 2800,6001 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc_value 4.5999999 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc_value 11 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc_value 11 target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 369,100006 Name Expected Value VehDyn_AllowHiSpdAulocntr_Cnt_M_Igc 1 VehDyn_AutoCntrDelSpd_M_str_Timer1_mS_u32 3382212733 VehDyn_AutoCntrDelSpd_M_str_Timer1_mS_u32 1768320779 VehDyn_AutoCntrDelSpd_M_str_FilterYesFiltSV_HwDeg_str.SV_UIs_f32 1986.5 ± 0.009 VehDyn_AutoCntrDelSpd_M_str_FilterSpaile_Cnt_Igc 0 VehDyn_AutoCntrDelSpd_M_str_Filter_Installed_Cnt_Igc 1 VehDyn_AutoCntrDelSpd_M_str_Filter_Silter_Installed_Cnt_Igc 1 VehDyn_AutoCntrDelSpd_M_str_Filter_Silter_Installed_Cnt_Igc 1 <	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rel_inst_Ap_VehDyn.VehDyn_Perl_VehicleSpeed_Kph_f32 target_VehDyn_Perl_CwECT_HwDeg_f32_value 1081.32996 target_VehDyn_Perl_CwECT_HwDeg_f32_value 996.939026 target_VehDyn_Perl_MolorVelCRF_MtrRadpS_f32_value 5.55999985 target_VehDyn_Perl_MolorVelCRF_MtrRadpS_f32_value 1.299.5 target_VehDyn_Perl_RelHwPos_HwDeg_f32_value 4.59999999 target_VehDyn_Perl_TorqueCmdCRF_MtrNm_f32_value 4.59999999 target_VehDyn_Perl_VehicleSpeedValid_Cnt_igc_value 1 target_VehDyn_Perl_VehicleSpeed_Veh_f32_value 369.100006 WehDyn_Perl_VehicleSpeed_Veh_f32_value 369.100006 VehDyn_AllowHiSpdAutoCntr_Cnt_M_igc 1 VehDyn_AllowHiSpdAutoCntr_Cnt_M_igc 1 VehDyn_AutoCntrDetSpd_M_str.Timerl_mS_u32 3882212733 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.SV_Uis_f32 2400.6001 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.SV_Uis_f32 1988.5 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.FitterEnable_Cnt_igc 0 VehDyn_AutoCntrDetSpd_M_str.FitterInitialized_Cnt_igc 1 VehDyn_AutoCntrHiSpd_M_str.FitterInitialized_Cnt_igc 1 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFittSV_HwDeg_str.SV_Uis_f32 2138628886	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value -1081.32996 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 996.939026 target_VehDyn_Per1_MwTorque_HwNlm_f32.value -515999.5 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 2800.6001 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value 459999999 target_VehDyn_Per1_VehicleSpeedValid_Cnt_igc.value 1 target_VehDyn_Per1_VehicleSpeed_Kpf_f32.value 369.100006 Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_Migc 1 VehDyn_AllowHiSpdAutoCntr_Ent_Migc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 3382212733 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilitSV_HwDeg_str.SV_UIs_f32 -2400.6001 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilitSV_HwDeg_str.SV_UIs_f32 -2400.6001 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilitSV_HwDeg_str.SV_UIs_f32 10 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_igc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_igc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_igc 1 VehDyn_AutoCntrHiSpd_M_str.FilterPashe_Cnt_igc 1440.88 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.FilterPashe_Cnt_igc 0 <td>target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc</td> <td>target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc</td>	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_VehDyn_Per1_CxcEOT_HwDeg_f32.value -1081.32996 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 996.939026 target_VehDyn_Per1_MwTorque_HwNm_f32.value -5.15999.5 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 2800.6001 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value 4.5999999 target_VehDyn_Per1_VehicleSpeed_Mpf_f12.value 1 target_VehDyn_Per1_VehicleSpeed_Mpf_f32.value 369.100006 Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 1 VehDyn_AllowHiSpdAutoCntr_Str_M_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 382212733 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt3V_HwDeg_str.SV_Uls_f32 -2400.6001 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt3V_HwDeg_str.SV_Uls_f32 -2400.6001 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.FilterPashle_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.FilterPashle_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.FilterPashle_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.FilterPashle_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.FilterPashle_On_lgc 1440.88 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.FilterPashle_Cnt_lgc 1440.88 ± 0.009	target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target VehDyn Per1 VehicleSpeed Kph f32
target_VehDyn_Per1_CwEOT_HwDeg_f32.value 996.939026 target_VehDyn_Per1_HwTorque_HwNm_f32.value 5.15999985 target_VehDyn_Per1_MotorVelCRF_MtrRadps_f32.value 1299.5 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value 2800.6001 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value 4.5999999 target_VehDyn_Per1_VehicleSpeedValld_Cnt_lgc_value 1 target_VehDyn_Per1_VehicleSpeedValld_Cnt_lgc_value 369.100006 Name Expected Value VehDyn_AllowHiSpdAutbCntr_Cnt_M_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 3382212733 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 1078320779 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.SV_Uls_f32 -2400.6001 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2059598336 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFittSV_HwDeg_str.SV_Uls_f32 1440.88 ± 0.009 <		-1081.32996
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f3z_value -5.15999985 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f3z_value -1299_5 target_VehDyn_Per1_RelHwPos_HwDeg_f3z_value 2800.6001 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f3z_value 4.5999999 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value 1 target_VehDyn_Per1_VehicleSpeed_Kph_f3z_value 309.100006 Name Expected Value VehDyn_AllovHiSpdAutoCntr_Cnt_M_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 3382212733 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 1078320779 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_Uls_f32 -2400.6001 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 1988.5 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.FilterInitialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.FilterInitialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.FilterInitialized_Cnt_lgc 1 VehDyn_AutoCntrIniSpd_M_str.Timer1_mS_u32 2059598336 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_Uls_f32 1440.88 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.FilterPenable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.FilterPenable_Cnt_lgc<		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value -1299.5 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value 2800.6001 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value 4.5999999 target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 1 target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 369.100006 Name Expected Value VehDyn_AllovHiSpdAdutoCntr_Cnt_M_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 388212733 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 1078320779 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -2400.6001 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 1988.5 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2059598336 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 213862886 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_Uls_f32 1440.88 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_Uls_f32 -1482.30005 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter2En	· - · · - · · -	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value 2800.6001 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value 4.5999999 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc value 1 target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 369.100006 Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc 1 VehDyn_AutoCntrDelSpd_M_str.Timer1_mS_u32 3882121733 VehDyn_AutoCntrDelSpd_M_str.Timer1_mS_u32 1078320779 VehDyn_AutoCntrDelSpd_M_str.RelHwPosFittSV_HwDeg_str.SV_UIs_f32 1988.5 ± 0.009 VehDyn_AutoCntrDelSpd_M_str.RelHwPosFittSV_HwDeg_str.SV_UIs_f32 1988.5 ± 0.009 VehDyn_AutoCntrDelSpd_M_str.Fitter1Enable_Cnt_Igc 0 VehDyn_AutoCntrDelSpd_M_str.Fitter2Enable_Cnt_Igc 0 VehDyn_AutoCntrDelSpd_M_str.Fitter1Initialized_Cnt_Igc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2059598336 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2138628886 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFittSV_HwDeg_str.SV_UIs_f32 1440.88 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc 1		
target_VehDyn_Pert_TorqueCmdCRF_MtrNm_f32.value 4.5999999 target_VehDyn_Pert_VehicleSpeedValid_Cnt_Igc.value 1 target_VehDyn_Pert_VehicleSpeed_Kph_f32.value 369.100006 Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 3382212733 VehDyn_AutoCntrDetSpd_M_str.RieHwPosFittSV_HwDeg_str.SV_Uis_f32 -2400.6001 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.SV_Uis_f32 1988.5 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.FilterIEnable_Cnt_Igc 0 VehDyn_AutoCntrDetSpd_M_str.FilterIEnable_Cnt_Igc 0 VehDyn_AutoCntrDetSpd_M_str.FilterInitialized_Cnt_Igc 1 VehDyn_AutoCntrDetSpd_M_str.FilterInitialized_Cnt_Igc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2059598336 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2138628886 VehDyn_AutoCntrHiSpd_M_str.FilterInitialized_Cnt_Igc 1440.88 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_Uis_f32 -1482.30005 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.FilterInitialized_Cnt_Igc 0 VehDyn_AutoCntrHiSpd_M_str.FilterInitialized_Cnt_Igc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_I		11.1
target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value 1 Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 382212733 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 1078320779 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiitISV_HwDeg_str.SV_UIs_f32 -2400.6001 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiitISV_HwDeg_str.SV_UIs_f32 1988.5 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_Igc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_Igc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_Igc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_Igc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_Igc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_Igc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc 1440.88 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc 1440.88 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc 1		
Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 3382212733 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 1078320779 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilttSV_HwDeg_str.SV_UIs_f32 -2400.6001 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilttSV_HwDeg_str.SV_UIs_f32 1988.5 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 213862886 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltISV_HwDeg_str.SV_UIs_f32 1440.88 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc <	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999
Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 3382212733 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 1078320779 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -2400.6001 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 1988.5 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter1sh_usia2 2059598336 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2059598336 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 1440.88 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -1482.30005 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Initi	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 3382212733 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 1078320779 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -2400.6001 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 1988.5 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter1sh_usia2 2059598336 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2059598336 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 1440.88 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -1482.30005 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Initi	target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	369.100006
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 3382212733 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 1078320779 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilitSV_HwDeg_str.SV_UIs_f32 -2400.6001 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1988.5 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2059598336 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2138628886 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 1440.88 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1482.30005 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd	Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 3382212733 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 1078320779 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_UIs_f32 -2400.6001 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_UIs_f32 1988.5 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Fiiter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Fiiter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2059598336 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2138628886 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_UIs_f32 1440.88 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_		•
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 1078320779 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -2400.6001 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 1988.5 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2059598336 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2138628886 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 1440.88 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	, - ,	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter3Initialized_Cnt_lgc		
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2059598336 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 1440.88 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1482.30005 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter3_nitialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter3_nitialized_Cnt_lgc 0	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.6001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2059598336 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2138628886 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 1440.88 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1482.30005 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter31a123 3382212733	7 - 1	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2059598336 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2138628886 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 1440.88 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1482.30005 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 3382212733		
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2059598336 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2138628886 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 1440.88 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1482.30005 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3382212733	7 - 1 - 2	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2138628886 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 1440.88 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1482.30005 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 3382212733		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter32 3382212733		
VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1482.30005 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3382212733		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3382212733	VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1440.88 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3382212733	VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3382212733	VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3382212733	· - · - ·	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3382212733		
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3382212733	·	
venuyn_autoUntrLoSpd_M_str.Timer2_mS_u32 1078320779		
	venuyn_AutoCntrLoSpd_M_str.1imer2_mS_u32	10/8320//9





Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.6001 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-1803.66101
VehDyn_MinOffset_HwDeg_M_f32	-1058.16602
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.7963152 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.131999999 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1004.33002 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_132	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime mS u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
, = - = = = = = = = = = = = = = = = = =	
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	124.09998
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	206.100006
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	3.099999
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	97.0999985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	30404
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	30349
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476708
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.30005
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.09000006e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.30005
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000766000012
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	539
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	76.0999985
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21364
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52716
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1078320779
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892861
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1200.56006
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000566000002
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.19995
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000896000012
/ehDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	1
ehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	0
/ehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	0
ehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	1
ehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	124.5
'ehDyn AutoCntrLoSpd M str.VehSpd kph f32	206.399994
'ehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	3.5
/ehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	97.4000015
/ehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	30404
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	30349
ehDyn AutoCntrLoSpd M str.Timer1 mS u32	3589476708
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	2800.30005
/ehDyn_AutoCntrLoSpd_wi_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.81999996e-005



Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000766000012
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1 0
VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn MaxOffset HwDeg M f32	658.69397
VehDyn_MinOffset_HwDeg_M_f32	-1051.48206
VehDyn PinTrgSV M str.SV Uls f32	17.7999992
VehDyn PinTrgSV M str.K Uls f32	0.000380000012
VehDyn SLPHwAuth Uls M f32	0.116999999
VehDyn_SLPHwPos_HwDeg_M_f32	-994.070007
k HiSpdVDAuthority Uls f32	1
k_LoSpdVDAuthority_Uls_f32	0.870000005
k_SysKinRatio_MtrDegpHwDeg_f32	54.5
k_TravelXCDeadband_Uls_f32	84.7699966
k_TravelXCHwAuthority_Uls_f32	0.0864500031
target_DtrmnElapsedTime_mS_u32_ElapsedTime	910116864
target_GetSystemTime_mS_u32_CurrentTime	800969984
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1075.06995
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1007.84601
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-5.73999977 -147.699997
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-147.099397 -1438.30005
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-7.30000019
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	156.100006
Name	Expected Value
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476708
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.30005 ± 0.009
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	800969984
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1200.56006 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	800969984
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCatrl oSpd_M_str.Filter2Enable_Cnt_Igc	1
VehDyn_AutoCotrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0 1
VehDyn_Initialize_Cnt_M_lgc	
VehDyn LoSedLearnt Cnt M Igo	0
VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MayOffset_HwDen_M_f32	0 658 69397
VehDyn_MaxOffset_HwDeg_M_f32	658.69397

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Name	Expected Value
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte Inst Ap VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M Igc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	138.800003
/ehDyn AutoCntrDetSpd M str.VehSpd kph f32	216.800003
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	1.7999995
/ehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	86.8000031
/ehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	10412
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	3277
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3796740682
ehDyn_AutoCntrDetSpd_M_str.Timer1_m3_u32 /ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2345892861
,	-1438.59998
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.0999996e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.5
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000768000027
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	580.099976
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	86
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	45.2000008
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	33198
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	7778
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2138628886
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.30005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51000006e-006
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.09998
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000898000028
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	138.699997
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	216.100006
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	1.70000005
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.0999985
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	10412
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3277
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3796740682
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892861
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.59998
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.8599999e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.5
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000768000027
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	0
/ehDyn_HiSpdLearnt_Cnt_M_lgc	1
/ehDyn_Initialize_Cnt_M_lgc	0
/ehDyn_Initialize_cht_m_ge /ehDyn_LoSpdLearnt_Cnt_M_lgc	1
/ehDyn MaxOffset HwDeg M f32	663.685974
/ehDyn MinOffset HwDeg M f32	-1044.79797





Name	Invest Value
Name VehDyn_PinTrqSV_M_str.SV_UIs_f32	Input Value
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00380999991
VehDyn_SLPHwAuth_Uls_M_f32	0.101999998
VehDyn_SLPHwPos_HwDeg_M_f32	-983.809998
	-903.009990
k_HiSpdVDAuthority_UIs_f32 k_LoSpdVDAuthority_UIs_f32	0.566999972
_ '	85.099985
k_SysKinRatio_MtrDegpHwDeg_f32	86.2099991
k_TravelXCDeadband_Uls_f32 k_TravelXCHwAuthority_Uls_f32	0.0876749977
target_DtrmnElapsedTime_mS_u32_ElapsedTime	402713344
target_GetSystemTime_mS_u32_CurrentTime	2659241984
	target VehDyn Per1 CcwEOT HwDeg f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1068.81006
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1018.75299
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-6.32000017
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	88.5999985
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	753.109985
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.29999995
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	135.5
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.59998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2659241984
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.29443 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.59998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1018.75299
VehDyn_MinOffset_HwDeg_M_f32	-1068.81006
	0.00070.400 + 0.000000
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-6.99973488 ± 0.000009
VehDyn_PinTrqSV_M_str.SV_UIs_f32 target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-6.999/3488 ± 0.000009 0.101999998 ± 0.004 -983.809998 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
DtrmnElapsedTime_mS_u32	1
GetSystemTime_mS_u32	2
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1



est Step 2.63 (Repeat Count = 1)	Input Value
lame htmnElapsedTime_mS_u32(ElapsedTime)	Input Value target_DtrmnElapsedTime_mS_u32_ElapsedTime
etSystemTime mS u32(CurrentTime)	target_Dtrimic_lapsed filine_inis_usz_clapsed filine target GetSystemTime mS u32 CurrentTime
te_Inst_Ap_VehDyn	target_Octoysternmin_mo_asz_ouncit/mine
ehDyn AllowHiSpdAutoCntr Cnt M Igc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	86.9000015
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	156.899994
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.9000001
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	42.9000015
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	16683
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22497
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4004004657
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1950.30005
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	3.11000008e-006 2800.19995
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000769999984
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	621
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	96.1999969
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.19999981
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	78
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21335
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	34188
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2345892861
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420810
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.200012
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584798 -1482.09998
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.0089999985
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	86.099985
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156.699997
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	2.0999999
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	42.7000008
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	16683
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22497
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004657
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1950.30005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.8999984e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	2800.19995
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000769999984
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0 1
enDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn HiSpdLearnt Cnt M Igc	0
ehDyn_Initialize_Cnt_M_lgc	0
ehDyn_LoSpdLearnt_Cnt_M_lgc	0
ehDyn_MaxOffset_HwDeg_M_f32	668.677979
ehDyn_MinOffset_HwDeg_M_f32	-1038.11401
ehDyn_PinTrqSV_M_str.SV_UIs_f32	6.30000019
ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000381999998
ehDyn_SLPHwAuth_Uls_M_f32	0.0869999975
ehDyn_SLPHwPos_HwDeg_M_f32	-973.549988
_HiSpdVDAuthority_Uls_f32	1
_LoSpdVDAuthority_Uls_f32	0.449999988
_SysKinRatio_MtrDegpHwDeg_f32	96
_TravelXCDeadband_Uls_f32	87.6500015
_TravelXCHwAuthority_Uls_f32	0.088899999
lirget_DtrmnElapsedTime_mS_u32_ElapsedTime	4178051584
arget_GetSystemTime_mS_u32_CurrentTime	2942063360
arget Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessAuthority Uls f32	target VehDyn Per1 SensorlessAuthority Uls f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target VehDyn Per1 SensorlessHwPos HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target VehDyn Per1 TorqueCmdCRF MtrNm f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target VehDyn Per1 VehicleSpeedValid Cnt Igc
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1062.55005
target VehDyn Per1 CwEOT HwDeg f32.value	1029.66003
target VehDyn Per1 HwTorque HwNm f32.value	-6.9000001
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	-75.5
target VehDyn Per1 RelHwPos HwDeg f32.value	-1988.69995
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	5.5999999
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	0
target VehDyn Per1 VehicleSpeed Kph f32.value	354.700012
Name	Expected Value
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	4004004657
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1950.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.19995 ± 0.009
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	2942063360
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	2760420810
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998 ± 0.009
VehDyn AutoCntrHiSpd M str.Filter1Enable Cnt Igc	0
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc	1
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	2942063360
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1950.30005 ± 0.009
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	2800.19995 ± 0.009
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt Igc	0
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	1
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	1
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
VehDyn HiSpdLearnt Cnt M Igc	0
VehDyn Initialize Cnt M Igc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1029.66003
VehDyn_MinOffset_HwDeg_M_f32	-1062.55005
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.29498005 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.449999988 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.64 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	539.099976	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	166.100006	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	5.0999999	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	41.0999985	

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.11999997e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.40002 0.000771999999
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	100
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	166.100006
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	6
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	56.4000015
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52282
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2160073393
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	274107514
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1753.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000566000002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000902
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	539.119995
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	166.020004
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	5.11999989
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	41.0200005 12258
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	36416
VenDyn_AutoCntrLoSpd_M_str.Timer2Thresi1_inis_u16 VenDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1988.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.94000014e-005
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1438.40002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000771999999
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-673.669983
VehDyn_MinOffset_HwDeg_M_f32	-1031.43005
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.5999999
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000383000006
VehDyn_SLPHwAuth_Uls_M_f32	0.0719999969
/ehDyn_SLPHwPos_HwDeg_M_f32	-963.289978
K_HiSpdVDAuthority_Uls_f32	0.20000003
<_LoSpdVDAuthority_Uls_f32 < SvcKinPatio_MtrDeapHwDeg_f32	0.37000005
<_SysKinRatio_MtrDegpHwDeg_f32 <_TravelYCDeadhand_Llls_f32	97.0999985 89.0899963
<_TravelXCDeadband_Uls_f32 <_TravelXCHwAuthority_Uls_f32	89.0899963
<_TraveIXCHwAuthority_Uls_f32 arget_DtrmnElapsedTime_mS_u32_ElapsedTime	569984000
arget_DummElapsedTime_mS_u32_ElapsedTime arget GetSystemTime mS u32 CurrentTime	4077829376
arget_GetSystemTime_ms_usz_currentTime arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
arget_Rte_Inst_Ap_vehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
rarget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
rarget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
rarget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1056.29004
	1040.56702
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1040.30702





Name	Input Value
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.599976
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1885.40002
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	56.5800018
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.40002 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4077829376
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	274107514
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1753.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4077829376
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.40002 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-844.833008
VehDyn_MinOffset_HwDeg_M_f32	-1031.43005
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.59424639 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.370000005 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1600 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.65 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	44.7999992
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	166.800003
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.80000019
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	12.8000002
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	5235
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27074
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	148.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.1300001e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000774000015
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	662.200012
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	106.199997
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.1000004
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.1999969
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.200012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000561999972
VehDyn_AutoCatrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200 0.000904000015
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	44.0200005
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	166.119995
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.01999998
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.1199999
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	5235
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27074
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	148.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.98000009e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000774000015
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	678.661987
VehDyn_MinOffset_HwDeg_M_f32	-1024.74597
VehDyn_PinTrqSV_M_str.SV_UIs_f32	15.1999998
VehDyn_PinTrqSV_M_str.K_Uls_f32 VehDyn_SLPHwAuth_Uls_M_f32	0.000384000014 0.057
VehDyn_SLPHwPos_HwDeg_M_f32	-953.030029
k HiSpdVDAuthority Uls f32	0
k LoSpdVDAuthority Uls f32	0.870000005
k_SysKinRatio_MtrDegpHwDeg_f32	32.2999992
k TravelXCDeadband Uls f32	90.5299988
k TravelXCHwAuthority Uls f32	0.0913499966
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4077829376
target GetSystemTime mS u32 CurrentTime	1117112832
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1050.03003
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1051.474
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-8.06000042
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	159.100006
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1988.59998
	-4.5999999
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	1 126.410004
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name	1 126.410004 Expected Value
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1 126.410004 Expected Value 0
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1 126.410004 Expected Value 0 1117112832
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1 126.410004 Expected Value 0





Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	148.5 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-937.125977
VehDyn_MinOffset_HwDeg_M_f32	-1024.74597
VehDyn_PinTrqSV_M_str.SV_UIs_f32	15.1910133 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.0913499966 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	963.854004 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.66 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	96.1999969
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	176.199997
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.19999981
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	53.2000008
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	29076
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	43868
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.200012
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.13999999e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.40002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000775999972
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	116
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32.0999985
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	29076
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	43868
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.09998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000563999987
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	3200
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000905999972

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	96.5
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	176.100006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.5
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	53.0999985
VehDyn_AutoCntttDetSppd_Ml_str.:ReflehWPbseFsih18hS_lehMeDeg_str.SV_Uls_f32	29076
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	43868
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.200012
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.02000003e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.40002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000775999972
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn MaxOffset HwDeg M f32	683.653992
VehDyn MinOffset HwDeg M f32	-1018.06201
VehDyn_PinTrqSV_M_str.SV_UIs_f32	14
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000384999992
VehDyn SLPHwAuth Uls M f32	0.0419999994
VehDyn_SLPHwPos_HwDeg_M_f32	-942.77002
k_HiSpdVDAuthority_UIs_f32	1
k_LoSpdVDAuthority_UIs_f32	0.680000007
k_SysKinRatio_MtrDegpHwDeg_f32	52.0999985
k_TravelXCDeadband_Uls_f32	91.9700012
k_TravelXCHwAuthority_UIs_f32	0.0925749987
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2644937728
target_GetSystemTime_mS_u32_CurrentTime	1736795392
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 HwTorque HwNm f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target VehDyn Per1 MotorVelCRF MtrRadpS f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
rarget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target VehDyn Per1 SensorlessAuthority Uls f32
rarget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
rarget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target VehDyn Per1 VehicleSpeed Kph f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1043.77002
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1062.38098
arget_VehDyn_Per1_HwTorque_HwNm_f32.value	-2
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1100.5
arget_venbyn_ren_wiotorverckr_witrkaups_isz.value	1991.14001
arget_VenDyn_Fer1_ReinwFos_nwbeg_loz.value arget_VenDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.9000001
arget_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	-4.9000001
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	354.450012
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.200012 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.40002 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	





Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.200012 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.40002 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1062.38098
VehDyn_MinOffset_HwDeg_M_f32	-1043.77002
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.993804 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.680000007 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	40.7400017 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.67 (Repeat Count = 1)	Innut Value
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	100.099998
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	186.100006
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.0999985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	32821
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	53946
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1885.5
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.15000011e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.19995
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000777999987
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	138.199997
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	126.199997
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	12
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	52.4000015
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	32821
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	53946
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784
/ehDyn AutoCntrHiSpd M str.Timer2 mS u32	3382212733
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-753.200012
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000566000002
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	0
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000907999987
/ehDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	1
/ehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	100.099998
/ehDyn AutoCntrLoSpd M str.VehSpd kph f32	186.5
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.100004
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.5
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	32821
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	53946
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	54822322

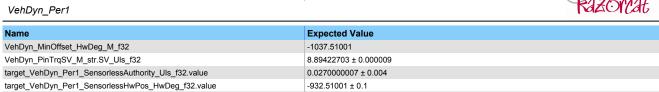
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Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1885.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.05999997e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000777999987
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	688.645996
VehDyn_MinOffset_HwDeg_M_f32	-1011.37799
VehDyn_PinTrqSV_M_str.SV_Uls_f32	8.89999962
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000386
VehDyn_SLPHwAuth_Uls_M_f32	0.0270000007
VehDyn_SLPHwPos_HwDeg_M_f32	-932.51001
k_HiSpdVDAuthority_UIs_f32	0
k_LoSpdVDAuthority_Uls_f32	0.560000002
k_SysKinRatio_MtrDegpHwDeg_f32	41.0999985
k_TravelXCDeadband_Uls_f32	93.4100037
k_TravelXCHwAuthority_Uls_f32	0.0938000008
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2212175616
target_GetSystemTime_mS_u32_CurrentTime	3437401088
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1037.51001
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1073.28796
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-6.01000023
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1235.59998
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-2400.19995
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.89999998
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	452.540009
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	3437401088
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1885.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	0
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt lqc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-753.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0 ± 0.000009
VehDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	1
VehDyn AutoCntrHiSpd M str.Filter1Initialized_Cnt_lgc	0
VehDyn AutoCntrhispd_M_str.Filter2iffitialized_Cnt_igc VehDyn AutoCntrLoSpd M str.Timer1 mS u32	54822322
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948759
	1885.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.5 ± 0.009 1885.19995 ± 0.009
	1885.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	·
VehDyn_MaxOffset_HwDeg_M_f32	1073.28796

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	124.699997
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	196.699997
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.7000008
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.6999969
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	40437
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	13059
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	109643620
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1887.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.16000001e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	142.399994
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000780000002
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
	1Cnt_lgc

VehDyn_AutoCntrDetSpd_M_str.Filter1Initializ

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Name	Input Value
VehDyn_MinOffset_HwDeg_M_f32	-1004.69397
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.8999996
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000387000007
VehDyn_SLPHwAuth_Uls_M_f32	0.0120000001
VehDyn_SLPHwPos_HwDeg_M_f32	-922.25
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_Uls_f32	0.76880002
k_SysKinRatio_MtrDegpHwDeg_f32	63.2999992
k_TravelXCDeadband_Uls_f32	94.8499985
k_TravelXCHwAuthority_UIs_f32	0.095025003
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2059598336
target_GetSystemTime_mS_u32_CurrentTime	3494315776
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1031.25
target VehDyn Per1 CwEOT HwDeg f32.value	1084.19495
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-8
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	154.399994
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	2800.6001
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.1999981
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	423.450012
Name	Expected Value
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	109643620
VehDyn_AutoCntrDetSpd_M_str.Timer1_m3_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1887.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	142.399994 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_Igc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3494315776
	3589476708
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.100006 ± 0.0009
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV_UIs_f32 VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV UIs f32	1440.88 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1 3494315776
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1 3494315776 3382212733
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	1 3494315776 3382212733 -1887.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	1 3494315776 3382212733 -1887.19995 ± 0.009 142.399994 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1 3494315776 3382212733 -1887.19995 ± 0.009 142.399994 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1 3494315776 3382212733 -1887.19995 ± 0.009 142.399994 ± 0.0009 0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1 3494315776 3382212733 -1887.19995 ± 0.009 142.399994 ± 0.0009 0 1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1 3494315776 3382212733 -1887.19995 ± 0.009 142.399994 ± 0.0009 0 1 1 0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	1 3494315776 3382212733 -1887.19995 ± 0.009 142.399994 ± 0.0009 0 1 1 0 0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	1 3494315776 3382212733 -1887.19995 ± 0.009 142.399994 ± 0.0009 0 1 1 0 0 1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	1 3494315776 3382212733 -1887.19995 ± 0.009 142.399994 ± 0.0009 0 1 1 0 0 1 0 0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	1 3494315776 3382212733 -1887.19995 ± 0.009 142.399994 ± 0.0009 0 1 1 0 0 0 1 0 -1716.40503
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	1 3494315776 3382212733 -1887.19995 ± 0.009 142.399994 ± 0.0009 0 1 1 0 0 1 0 0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_Uls_f32	1 3494315776 3382212733 -1887.19995 ± 0.009 142.399994 ± 0.0009 0 1 1 0 0 -1716.40503 -1004.69397 13.8915749 ± 0.00009
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	1 3494315776 3382212733 -1887.19995 ± 0.009 142.399994 ± 0.0009 0 1 1 0 0 -1716.40503 -1004.69397



T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Fest Step 2.69 (Repeat Count = 1)	
lame	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	78.5999985
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	206.600006
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.6000004
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	45.5999985
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	2291
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58929
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	164464918
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3589476708
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1753.5
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.1699999e-006
ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1900.19995
ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000782000017
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	44
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	146.100006
'ehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	2.20000005
'ehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	25.2000008
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2291
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58929
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3382212733
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1885.30005
'ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000569999975
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1200.56006
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000912000018
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	78.0999985
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	206.800003
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.1000004
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	45.7999992
ehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	2291
ehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	58929
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	164464918
ehDyn AutoCntrLoSpd M str.Timer2 mS u32	3589476708
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1753.5
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.13999985e-005
ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1900.19995
ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000782000017
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
enbyn_AutoChitLoSpd_w_str.Filter2initianzed_chit_igc	1
· - ·	1
ehDyn_Initialize_Cnt_M_lgc	1
ehDyn_LoSpdLearnt_Cnt_M_lgc	
/ehDyn_MaxOffset_HwDeg_M_f32	698.630005
/ehDyn_MinOffset_HwDeg_M_f32	-998.01001
/ehDyn_PinTrqSV_M_str.SV_UIs_f32	3.20000005
ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000387999986

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Name	Input Value
VehDyn_SLPHwAuth_Uls_M_f32	0.0289999992
VehDyn_SLPHwPos_HwDeg_M_f32	-911.98999
k_HiSpdVDAuthority_Uls_f32	0.330000013
k_LoSpdVDAuthority_UIs_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	88.5
k_TravelXCDeadband_Uls_f32	96.2900009
k_TravelXCHwAuthority_Uls_f32	0.0962499976
target_DtrmnElapsedTime_mS_u32_ElapsedTime	800969984
target_GetSystemTime_mS_u32_CurrentTime	463842816
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1024.98999
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1095.10205
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-6
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.299988
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1438.80005
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.39999962
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	62.2400017
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	164464918
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1753.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.19995 ± 0.009





Test Step 2.70 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	88.0999985
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	216.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	78.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	38868
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	57944
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	935.580017
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.18000002e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000783999974
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	96.0999985
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	156
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.19999981
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.4000015
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	38868
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	57944
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1887.09998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00057199999
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.09998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51000006e-006
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1 0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	88.5
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	216.600006
VehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	18.5
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	78.5999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	38868
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	57944
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	935.580017
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	5.18000015e-005
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1482.19995
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000783999974
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	703.622009
VehDyn_MinOffset_HwDeg_M_f32	-991.325989
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.4000001
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000388999993
VehDyn_SLPHwAuth_Uls_M_f32	0.0460000001
VehDyn_SLPHwPos_HwDeg_M_f32	-901.72998
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	75.0999985
k_TravelXCDeadband_Uls_f32	97.7300034
k_TravelXCHwAuthority_UIs_f32	0.0974749997
	569984000
target_DtrmnElapsedTime_mS_u32_ElapsedTime	
target_GetSystemTime_mS_u32_CurrentTime	1759885568
target_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_GetSystemTime_mS_u32_CurrentTime	

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target VehDyn Per1 RelHwPos HwDeg f32
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessAuthority UIs f32	target VehDyn Per1 SensorlessAuthority Uls f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 TorqueCmdCRF MtrNm f32	target VehDyn Per1 TorqueCmdCRF MtrNm f32
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeedValid Cnt Igc	target VehDyn Per1 VehicleSpeedValid Cnt Igc
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target VehDyn Per1 VehicleSpeed Kph f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1018.72998
target VehDyn Per1 CwEOT HwDeg f32.value	1106.00903
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-4
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1253.69995
target VehDyn Per1 RelHwPos HwDeg f32.value	1950.05005
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	0
target VehDyn Per1 VehicleSpeed Kph f32.value	123.449997
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	935.580017 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1759885568
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1887.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1759885568
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	935.580017 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1106.00903
VehDyn_MinOffset_HwDeg_M_f32	-1018.72998
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-5.3994298 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.0460000001 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-901.72998 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.71 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	94.8000031	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	226.800003	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.80000019	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.8000031	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53970	

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	52282
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888.799988
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.18999992e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.1001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00078599999
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	100
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	166.100006
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	6
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	56.2000008
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	53970
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52282
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1753.19995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000574000005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.5
	0.00125584798
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584798
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	94.4000015
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	226.5
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.3999962
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.5
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52282
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888.799988
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.22000009e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.1001
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00078599999
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	0
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn LoSpdLearnt Cnt M Igc	1
VehDyn MaxOffset HwDeg M f32	708.614014
,	
VehDyn_MinOffset_HwDeg_M_f32	-984.642029 7.5999999
VehDyn_PinTrqSV_M_str.SV_UIs_f32	
VehDyn_PinTrqSV_M_str.K_UIs_f32	0.00039000001
VehDyn_SLPHwAuth_Uls_M_f32	0.063000001
VehDyn_SLPHwPos_HwDeg_M_f32	-891.469971
k_HiSpdVDAuthority_UIs_f32	0.879999995
k_LoSpdVDAuthority_UIs_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	97.099985
k_TravelXCDeadband_Uls_f32	99.1699982
k_TravelXCHwAuthority_Uls_f32	0.0987000018
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1720406272
target_GetSystemTime_mS_u32_CurrentTime	1662097408
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	I=1012 46997
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1012.46997 1116.01602
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1116.91602
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	





Name	Input Value
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1885.59998
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	56.6539993
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888.799988 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.1001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1662097408
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1753.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888.799988 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.1001 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1116.91602
VehDyn_MinOffset_HwDeg_M_f32	-1012.46997
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.59978867 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.879999995 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	0.100000001 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.72 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	44.5999985
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	166.600006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.5999999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	12.6000004
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	5235
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27074
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	148.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.20000004e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000788000005
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	123

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VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 14.100 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 42.400 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 12258 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 36416 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 255318 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 296768 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -2400. VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 0.0005 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -2500.	000015 8 6
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_Hwbeg_f32 42.400 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 12258 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 36416 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 255319 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 296768 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -2400. VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 0.0005 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -2500.	000015 8 6
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -2500.	8 6
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 36416 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 255318 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 296768 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -2400. VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 0.0005 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -2500.	6
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 255318 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 296768 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -2400. VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 0.0005 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -2500.	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 296768 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -2400. VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 0.0005 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -2500.	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -2400. VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 0.0005 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -2500.	156835
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 0.0005 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -2500.	684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -2500.	0.1001
7 2 3 3 4 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	057600002
VobDyn AutoCatrHiSad M. str. PolltwPosEilt2SV, HwDog etr K. Ille 132	0.1001
veribyii_Autocritiniopd_ivi_str.ixeiriwirosi iitzov_niwbeg_str.ix_ois_isz	0566000002
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 1	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1	
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0	
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 44.560	000014
VehDyn AutoCntrLoSpd M str.VehSpd kph f32 166.41	110004
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 4.25	
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 12.399	99996
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16 5235	
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16 27074	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 421126	
, _	
VehDyn_AutoCotrl oSpd_M_str.RelHwPosFilt1SV_HwDog_str.SV_Uls_f32 148.5	
, _	00003e-005
, _ ,	3.19995
, = 1 = = = = = = = = = = = = = = = = =	1788000005
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 1	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 0	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 0	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 1	
VehDyn_HiSpdLearnt_Cnt_M_lgc 1	
VehDyn_Initialize_Cnt_M_lgc 1	
VehDyn_LoSpdLearnt_Cnt_M_lgc 1	
VehDyn_MaxOffset_HwDeg_M_f32 713.60	006018
VehDyn_MinOffset_HwDeg_M_f32 -977.98	958008
VehDyn_PinTrqSV_M_str.SV_Uls_f32 -1.6000	000002
VehDyn_PinTrqSV_M_str.K_Uls_f32 0.0003	0391000009
VehDyn_SLPHwAuth_Uls_M_f32 0.0799	9999982
VehDyn_SLPHwPos_HwDeg_M_f32 -881.2	210022
k_HiSpdVDAuthority_Uls_f32 0	
k LoSpdVDAuthority Uls f32	
k SysKinRatio MtrDegpHwDeg f32 10.300	00002
k TravelXCDeadband Uls f32 98.139	
	9249965
2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	829376
	112832
	t_VehDyn_Per1_CcwEOT_HwDeg_f32
	t VehDyn Per1 CwEOT HwDeg f32
	- ,
	t_VehDyn_Per1_HwTorque_HwNm_f32
	t_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
	t_VehDyn_Per1_RelHwPos_HwDeg_f32
	t_VehDyn_Per1_SensorlessAuthority_Uls_f32
	t_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
	t_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
	t_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
	t_VehDyn_Per1_VehicleSpeed_Kph_f32
0 = 7 = = 0=	3.21002
target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1127.8	
target_VehDyn_Per1_HwTorque_HwNm_f32.value 8.0299	99973
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 154.39	99994
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value 1900.0	.09998
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value -4.5999	99999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 245.41	110004
	ected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 0	
	112832
	420810
	5±0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -1438.	3.19995 ± 0.009
V.I.D. A. I. O. I.D. I.O. I.M. I. E. I. I. O. I. I.	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 1	





Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.1001 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.1001 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	148.5 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-772.276978
VehDyn_MinOffset_HwDeg_M_f32	-977.958008
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.59640932 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.0799999982 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-881.210022 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_132	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
OtrmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M Igc	1
ehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	126.09998
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	236.100006
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.0999999
/ehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	32.0999985
'ehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	20423
ehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	31368
/ehDyn AutoCntrDetSpd M str.Timer1 mS u32	328928812
/ehDyn AutoCntrDetSpd M str.Timer2 mS u32	4211268631
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	425.799988
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.20999993e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.1001
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00079000002
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	176
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	54.0999985
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20423
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	31368
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	935.200012
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000577999977
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1887.19995
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000907999987
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	126.199997
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	236.300003
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.30000019
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	32.2999992
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	20423
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	31368
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	425.799988
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.2999998e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.1001 0.00079000002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	718.598022
VehDyn_MinOffset_HwDeg_M_f32	-971.273987
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.5
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000391999987
VehDyn_SLPHwAuth_Uls_M_f32	0.0970000029
VehDyn_SLPHwPos_HwDeg_M_f32	-870.950012
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	86.5
k_TravelXCDeadband_Uls_f32	97.1100006
k_TravelXCHwAuthority_Uls_f32	0.101149999
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2659241984
target_GetSystemTime_mS_u32_CurrentTime	2127166208
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target VehDyn Per1 VehicleSpeed Kph f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-999.950012
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1138.72998
target VehDyn Per1 HwTorque HwNm f32.value	8.53999996
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	-456.899994
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1887.30005
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	42.3600006
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	425.799988 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.1001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2127166208
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	935.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1887.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	-1887.19995 ± 0.009 0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	-1887.19995 ± 0.009 0 0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	-1887.19995 ± 0.009 0 0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	-1887.19995 ± 0.009 0 0 0 1
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	-1887.19995 ± 0.009 0 0 0 1 2127166208
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	-1887.19995 ± 0.009 0 0 0 1





Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	718.598022
VehDyn_MinOffset_HwDeg_M_f32	887.349976
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.50272346 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.0970000029 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-870.950012 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

ElapsedTime_mS_u32_ElapsedTime stemTime_mS_u32_CurrentTime st_Ap_VehDyn
rstemTime_mS_u32_CurrentTime
-006
977
511
993
993



Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000791999977
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1 0
VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn MaxOffset HwDeg M f32	-723.590027
VehDyn_MinOffset_HwDeg_M_f32	-964.590027
VehDyn PinTrgSV M str.SV Uls f32	-1.6000002
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000392999995
VehDyn SLPHwAuth Uls M f32	0.114
VehDyn_SLPHwPos_HwDeg_M_f32	-860.690002
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	42
k_TravelXCDeadband_Uls_f32	96.0800018
k_TravelXCHwAuthority_Uls_f32	0.102375001
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2942063360
target_GetSystemTime_mS_u32_CurrentTime	4243378688
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-993.690002
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1149.63696
target_VehDyn_Per1_HwTorque_HwNm_f32.value	9.05000019 -900.299988
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1753.40002
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.80000019
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	52.7400017
Name	Expected Value
VehDyn AllowHiSpdAutoCntr Cnt M Igc	0
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	4243378688
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2160073393
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.5 ± 0.009
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	2800.19995 ± 0.009
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	0
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	0
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4294967295
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888.299988 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1753.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	383750110
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2160073393
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1149.63696
VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_Uls_f32	-993.690002 -1.59574151 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.114 ± 0.004
TOTAL VEHICAL PELL SELISUIESSAULIUILLY DIS 132.VAIUE	U. 1 17 ± U.004





Name	Expected Value
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-860.690002 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	456.5
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	52.5
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.5
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	41.5
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	26195
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22037
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.09998
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.22999995e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.09998
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000793999992
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	88.5
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	166.199997
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.0999999
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.1999969
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	29076
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	43868
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	255468
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	109643620
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	425.200012
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000582000008
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	935.5
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000155999995
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	456
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	52.2999992
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.1999998
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	41.2999992
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	26195
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22037
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2138628886
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1900.09998
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.3799986e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.09998
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000793999992
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	0
/ehDyn_HiSpdLearnt_Cnt_M_lgc	0
/ehDyn_Initialize_Cnt_M_lgc	0
/ehDyn_Initialize_Ont_M_igc	0
/ehDyn_Lospaceam_oni_w_gc /ehDyn_MaxOffset_HwDeg_M_f32	728.58197
/ehDyn_MinOffset_HwDeg_M_i32	-957.906006
/ehDyn_PinTrqSV_M_str.SV_UIs_f32	-14.8000002
/ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000394000002





Name	Input Value
VehDyn_SLPHwAuth_Uls_M_f32	0.130999997
VehDyn_SLPHwPos_HwDeg_M_f32	-850.429993
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_UIs_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	12.1000004
k_TravelXCDeadband_Uls_f32	95.0500031
k_TravelXCHwAuthority_UIs_f32	0.103600003
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1117112832
target_GetSystemTime_mS_u32_CurrentTime	1050692864
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-987.429993
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1160.54395
target_VehDyn_Per1_HwTorque_HwNm_f32.value	9.56000042
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	800.200012
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	935.799988
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	3.20000005
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	128.839996
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDog_str.SV_Uls_f32	1900.09998 ± 0.009 -1438.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1050692864
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	109643620
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	425.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	935.5 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1050692864
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	0 1 0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	0 1 0 1160.54395
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	0 1 0 1160.54395 -987.429993

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte Call VehDvn Per1 CP1 CheckpointReached	1



Test Step 2.76 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn AllowHiSpdAutoCntr Cnt M Igc	0
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	566.099976
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	34.0999985
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	63.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	43190
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3186
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892861
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.24000007e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.200012
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000796000008
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	94.5400009
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	176.100006
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	9.39999962
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	32821
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	53946
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2160073393
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000584000023
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-888.299988
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000159999996
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	566
VehDyn_AutoCntrl oSpd_M_str.VehSpd_kph_f32	34.2999992 12
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	63.2000008
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	43190
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_HS_u16	3186
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	2345892861
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.19995
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	5.42000016e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.200012
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000796000008
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	733.573975
VehDyn_MinOffset_HwDeg_M_f32	-951.221985
VehDyn_PinTrqSV_M_str.SV_UIs_f32	17.7999992
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00039500001
VehDyn_SLPHwAuth_Uls_M_f32	0.148000002
VehDyn_SLPHwPos_HwDeg_M_f32	-840.169983
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_UIs_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	53.2999992
k_TravelXCDeadband_Uls_f32	94.0199966
k_TravelXCHwAuthority_UIs_f32	0.104824997
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1736795392
target_GetSystemTime_mS_u32_CurrentTime	3039943680
target_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-981.169983
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1171.45105
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-2
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-418.399994
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-888.900024
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.4000001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	139.910004
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3039943680
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.200012 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2160073393
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-888.299988 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2345892861
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.200012 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	733.573975
VehDyn_MinOffset_HwDeg_M_f32	-92.2699966
VehDyn_PinTrqSV_M_str.SV_Uls_f32	17.7921391 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.148000002 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-840.169983 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.77 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	75.4000015
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	18.3999996
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.3999996
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	88.4000015
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	30404
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	30349
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.30005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.24999996e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.09998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000798000023
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	126.099998
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	186
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	7.1999981
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	52.2000008 40437
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	13059
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	54822322
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4294967295
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.19995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00058599998
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	425.200012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000163999997
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	75.3000031
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	18.2999992
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.1999998
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	88.5999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	30404
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	30349
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.460001e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	-1988.09998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000798000023
VehDyn_AutoCntrloSpd_M_str.Filter1Enable_Cnt_lgc	0 1
VehDyn_AutoCntrl_oSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn Initialize Cnt M Iqc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	738.565979
VehDyn MinOffset HwDeg M f32	-944.538025
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-7
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000395999989
VehDyn SLPHwAuth Uls M f32	0.165000007
VehDyn SLPHwPos HwDeg M f32	-829.909973
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	86.5
k_TravelXCDeadband_Uls_f32	92.9899979
k_TravelXCHwAuthority_Uls_f32	0.10605
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3437401088
target_GetSystemTime_mS_u32_CurrentTime	1316564736
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-974.909973
terret Vel Due Dard Ou FOT II D. 1900	1182.35803
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target_VehDyn_Per1_HwTorque_HwNm_f32.value	-3.00999999
target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	





Name	Input Value
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	387.820007
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1316564736
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4294967295
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	425.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1316564736
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	738.565979
VehDyn_MinOffset_HwDeg_M_f32	-944.538025
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-6.99838495 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.165000007 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-829.909973 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.78 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	10.5
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	88.5
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.5
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	75.5
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	10412
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3277
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.200012
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.26000008e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00079999998
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	196.199997

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.19999981
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	41
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2291
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58929
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	255468
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1900.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000587999995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2000.80005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000167999999
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	10.3000002
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	88.1999969
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	2.2999995
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	75.3000031
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	10412
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3277
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.200012
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.50000004e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00079999998
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn Initialize Cnt M Igc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	743.557983
VehDyn_MinOffset_HwDeg_M_f32	-937.854004
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.30000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000396999996
	0.181999996
VehDyn_SLPHwAuth_Uls_M_f32	-819.650024
VehDyn_SLPHwPos_HwDeg_M_f32	0
k_HiSpdVDAuthority_UIs_f32	
k_LoSpdVDAuthority_UIs_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	96
k_TraveIXCDeadband_Uls_f32	91.9599991
k_TraveIXCHwAuthority_UIs_f32	0.107275002
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3494315776
target_GetSystemTime_mS_u32_CurrentTime	2075080192
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-968.650024
target VehDyn Per1 CwEOT HwDeg f32.value	1193.26501
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-4.0199998
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	752.099976
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-423.399994
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.5
target_venDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	398.720001
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2075080192
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.200012 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1





Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	255468
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2000.80005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.200012 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1193.26501
VehDyn_MinOffset_HwDeg_M_f32	-968.650024
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.29590893 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.181999996 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-819.650024 ± 0.1

Τ	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	66.0999985
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	76.0999985
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.0999999
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	10.1000004
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53970
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	52282
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.09998
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.26999998e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.19995
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000801999995
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	456.540009
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	206.100006
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	3.4000001
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	63.2000008
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	38868
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	57944
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4290967295
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	328928812
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.19995
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000590000011
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.09998
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000172
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	0
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	76.5999985
	4.1999981
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	97.5999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	16683
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22497
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	456.299988
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.53999998e-005
	1991.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000801999995
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	748.549988
VehDyn_MinOffset_HwDeg_M_f32	-931.169983
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.80000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000398000004
VehDyn SLPHwAuth Uls M f32	0.199000001
VehDyn_SLPHwPos_HwDeg_M_f32	-809.390015
	1
k_HiSpdVDAuthority_UIs_f32	
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	45.0999985
k_TravelXCDeadband_Uls_f32	90.9300003
k_TravelXCHwAuthority_Uls_f32	0.108499996
target_DtrmnElapsedTime_mS_u32_ElapsedTime	463842816
target_GetSystemTime_mS_u32_CurrentTime	954802432
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-962.390015
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1204.172
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-5.03000021
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-158.399994
target VehDyn Per1 RelHwPos HwDeg f32.value	796.599976
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.60000002
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	489.609985
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	1024
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1482.09998 ± 0.009
	1900.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	954802432
, , , , , , , , , , , , , , , , , , , ,	
VehDvn AutoCntrHiSpd M str. Limer2 mS ii32	328928812
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Llls_f32	328928812 -1482 19995 + 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.19995 ± 0.009 1900.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	-1482.19995 ± 0.009 1900.09998 ± 0.009 0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.19995 ± 0.009 1900.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	-1482.19995 ± 0.009 1900.09998 ± 0.009 0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	-1482.19995 ± 0.009 1900.09998 ± 0.009 0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	-1482.19995 ± 0.009 1900.09998 ± 0.009 0 0 1
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	-1482.19995 ± 0.009 1900.09998 ± 0.009 0 0 1 954802432
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	-1482.19995 ± 0.009 1900.09998 ± 0.009 0 0 1 1 954802432 2138628886
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	-1482.19995 ± 0.009 1900.09998 ± 0.009 0 0 1 954802432

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Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1204.172
VehDyn_MinOffset_HwDeg_M_f32	-962.390015
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.79487944 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.199000001 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-809.390015 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.80 (Repeat Count = 1)	
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	34.1399994
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	86.0999985
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.4000001
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	25.3999996
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	20423
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	31368
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	164464918
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	328928812
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.799988
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.2800001e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.19995
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00080400001
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	0
/ehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	1
/ehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	566
/ehDyn AutoCntrHiSpd M str.VehSpd kph f32	216
/ehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	1.10000002
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	88.4000015
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53970
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52282
/ehDyn AutoCntrHiSpd M str.Timer1 mS u32	1078320779
/ehDyn AutoCntrHiSpd M str.Timer2 mS u32	383750110
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-753.299988
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000592000026
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1900.19995
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000176000001
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lqc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	700
/ehDyn AutoCntrLoSpd M str.VehSpd kph f32	86.3000031
ehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	6.30000019
enDyn_AutoCntrLoSpd_M_str.FiltPirTrq_mwnin_is2 /ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.1999969
, - ,	5235
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27074
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948759
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892861
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 /ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	-2500.19995 5.57999992e-005



Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.3999
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00080400001
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	753.541992
VehDyn_MinOffset_HwDeg_M_f32	-924.486023
VehDyn_PinTrqSV_M_str.SV_Uls_f32	3.20000005
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000399000011
VehDyn_SLPHwAuth_Uls_M_f32	0.216000006
VehDyn_SLPHwPos_HwDeg_M_f32	-799.130005
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_UIs_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	78.3000031
k_TravelXCDeadband_Uls_f32	89.900015
k_TravelXCHwAuthority_Uls_f32	0.109724998
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1759885568
target_GetSystemTime_mS_u32_CurrentTime	2728878080
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-956.130005
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1215.07898
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-6.0399996
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	753.700012
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1456.69995
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	500.049988
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2728878080
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.799988 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1078320779
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	383750110
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.299988 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2728878080
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.3999 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_HiSpdLearnt_Cnt_M_Igc VehDyn_Initialize_Cnt_M_lgc	0 1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_HiSpdLearnt_Cnt_M_Igc VehDyn_Initialize_Cnt_M_Igc VehDyn_LoSpdLearnt_Cnt_M_Igc	0 1 1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	0 1 1 -241.621002
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	0 1 1 -241.621002 -924.486023
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	0 1 1 -241.621002





Name	Expected Value
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1600 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M Igc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	2.5
/ehDyn AutoCntrDetSpd M str.VehSpd kph f32	96.5
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.5
/ehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	86.5
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	7034
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	39056
/ehDyn_AutoCntrDetSpd_M_str.Timer2Tntestr_ins_u10	219286216
	383750110
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.299988
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.29e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.30005
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000806000025
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	45.5
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	226.199997
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2.4000001
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	75.0999985
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20423
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	31368
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2138628886
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.200012
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000593999983
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000180000003
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	152.199997
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	96.3000031
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.19999981
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	42.2999992
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53759
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	18715
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3382212733
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.30005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.61999987e-005
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	2800.30005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000806000025
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_HiSpdLearnt_Cnt_M_lgc	0
/ehDyn_nisputeant_cnt_w_igc /ehDyn_Initialize_Cnt_M_lgc	1
/ehDyn_initialize_cht_w_igc /ehDyn_LoSpdLearnt_Cnt_M_lgc	0
/ehDyn_LoSpaLearnt_Cnt_w_gc /ehDyn_MaxOffset_HwDeg_M_f32	758.533997
/ehDyn_MinOffset_HwDeg_M_132	-917.802002

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Name	Input Value
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.4000001
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.0003999999
VehDyn_SLPHwAuth_Uls_M_f32	0.232999995
VehDyn_SLPHwPos_HwDeg_M_f32	-788.869995
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	96.5
k_TravelXCDeadband_Uls_f32	88.8700027
k_TravelXCHwAuthority_Uls_f32	0.110950001
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1662097408
target_GetSystemTime_mS_u32_CurrentTime	824746752
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-949.869995
target VehDyn Per1 CwEOT HwDeg f32.value	1225.98596
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-7.05000019
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	159.600006
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-758.799988
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-7.30000019
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	499.070007
Name	
	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	383750110
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.299988 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	824746752
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	824746752
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn HiSpdLearnt Cnt M Igc	0
	1
VehDyn Initialize Cnt M Igc	
VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt Cnt M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	0 758.533997
VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	0 758.533997 -191.070007
VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	0 758.533997

Τ	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1



Fest Step 2.82 (Repeat Count = 1)	Input Value
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime) Rte_Inst_Ap_VehDyn	target_GetSystemTime_mS_u32_CurrentTime target Rte Inst Ap VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M Igc	target_rite_inst_Ap_venbyii
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	120.099998
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	106.09998
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.10000038
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	56.099985
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25532
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27401
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	274107514
ehDyn AutoCntrDetSpd M str.Timer2 mS u32	2138628886
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.30005
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.29999989e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.200012
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000807999982
ehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	10.3999996
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	236
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.0999999
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	97.4000015
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	7034
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	39056
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2345892861
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948759
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.30005
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000595999998
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.799988
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000184000004
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	t.
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	98.4000015
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	0
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.3000002
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.1999998
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	13352
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14442
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3589476708
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420810
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.19995
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.66000017e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.40002
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000807999982
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_HiSpdLearnt_Cnt_M_lgc	1
ehDyn_Initialize_Cnt_M_lgc	0
ehDyn_LoSpdLearnt_Cnt_M_lgc	1
ehDyn_MaxOffset_HwDeg_M_f32	763.526001
ehDyn_MinOffset_HwDeg_M_f32	-911.117981
ehDyn_PinTrqSV_M_str.SV_Uls_f32	7.599999
ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000400999998
ehDyn_SLPHwAuth_Uls_M_f32	0.25
ehDyn_SLPHwPos_HwDeg_M_f32	-778.609985
HiSpdVDAuthority_Uls_f32	0
_LoSpdVDAuthority_Uls_f32	1
SysKinRatio_MtrDegpHwDeg_f32	32.0999985
_TravelXCDeadband_Uls_f32	87.8399963
TravelXCHwAuthority_Uls_f32	0.112175003
arget_DtrmnElapsedTime_mS_u32_ElapsedTime	2127166208
arget_GetSystemTime_mS_u32_CurrentTime	309385728

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-943.609985
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1236.89294
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-8.06000042
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1100.09998
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	145.5
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.29999995
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	120.349998
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	309385728
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.200012 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2345892861
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.799988 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.40002 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1236.89294
VehDyn_MinOffset_HwDeg_M_f32	-943.609985
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.59373665 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.25 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-778.609985 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.83 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	66	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	116	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	54	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53759	

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	18715
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.3999
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.31000001e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.100006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00080999998
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	1
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	56.2000008
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	246.100006
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	6.19999981
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.199969
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	25532
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	27401
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948759
	2600.19995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000598000013
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.299988
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000188000005
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	66.4000015
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	255
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.1999998
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	53.2999992
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21364
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52716
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.70000011e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00080999998
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt lgc	1
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	1
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn MaxOffset HwDeg M f32	
,	768.518005
VehDyn_MinOffset_HwDeg_M_f32	-904.434021
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.5
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000402000005
VehDyn_SLPHwAuth_Uls_M_f32	0.26699999
VehDyn_SLPHwPos_HwDeg_M_f32	-768.349976
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	52
k_TravelXCDeadband_Uls_f32	86.8099976
k_TravelXCHwAuthority_Uls_f32	0.113399997
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4243378688
target_GetSystemTime_mS_u32_CurrentTime	2659241984
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_vehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-937.349976
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1247.80005
target_VehDyn_Per1_HwTorque_HwNm_f32.value	2
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1235.40002





Name	Input Value
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-2000.02002
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	230.869995
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.3999 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.100006 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2659241984
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.299988 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2659241984
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1247.80005
VehDyn_MinOffset_HwDeg_M_f32	-937.349976
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.50024426 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.26699999 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-768.349976 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.84 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	34.2000008
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	126.199997
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.1999998
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	85.1999969
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13352
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	14442
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	383750110
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.31999991e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.30005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000812000013
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1

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Nama	Innut Value
Name Vah Dun AutoCotal LiCod M. eta MarVal MarDada C. 622	Input Value
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86.099985
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	123
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.1999998
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	42.2000008
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.19995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000600000028
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000192000007
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	34
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	126.599998
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.3999996
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.1999969
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	33198
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	7778
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004657
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.74000005e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.40002
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000812000013
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn Initialize Cnt M Igc	1
,	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	
VehDyn_MaxOffset_HwDeg_M_f32	773.51001
VehDyn_MinOffset_HwDeg_M_f32	-897.75
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60000002
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000403000013
VehDyn_SLPHwAuth_Uls_M_f32	0.284000009
VehDyn_SLPHwPos_HwDeg_M_f32	-758.090027
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_UIs_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	10.1000004
k_TravelXCDeadband_Uls_f32	85.7799988
k_TravelXCHwAuthority_Uls_f32	0.114624999
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1050692864
target_GetSystemTime_mS_u32_CurrentTime	2942063360
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 TorqueCmdCRF MtrNm f32	target VehDyn Per1 TorqueCmdCRF MtrNm f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target VehDyn Per1 VehicleSpeed Kph f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-931.090027
target VehDyn Per1 CwEOT HwDeg f32.value	1258.70703
target_VehDyn_Per1_HwTorque_HwNm_f32.value	2.20000005
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	2.20000005 154.399994
	1900.59998
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.5999999 -
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	245.070007
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2942063360
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.30005 ± 0.009
veribyii_Autochtibetopa_ivi_str.ReinwFosFiit25v_nwbeg_str.5v_ois_i32	





Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004657
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.40002 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-641.893005
VehDyn_MinOffset_HwDeg_M_f32	-897.75
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.59865212 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.284000009 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-758.090027 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.85 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	2.0999999
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	136.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21364
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	52716
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.6001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.33000003e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.1001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000814000028
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	75
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	125.199997
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18.2000008
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	12.1999998
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	34738
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36612
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000601999986
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.3999
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000195999994
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	2.400001
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	
	136.600006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	0
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.3000031
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21335
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	34188
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.5
	5.7799999e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	142.300003
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000814000028
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	778.502014
VehDyn_MinOffset_HwDeg_M_f32	-891.065979
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.8000002
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000403999991
VehDyn_SLPHwAuth_Uls_M_f32	0.300999999
VehDyn_SLPHwPos_HwDeg_M_f32	-747.830017
k_HiSpdVDAuthority_UIs_f32	1
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	25.1000004
k_TravelXCDeadband_Uls_f32	84.75
k_TravelXCHwAuthority_Uls_f32	0.115850002
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3039943680
target_GetSystemTime_mS_u32_CurrentTime	1117112832
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target VehDyn Per1 VehicleSpeed Kph f32
target VehDyn Per1 CcwEOT HwDeg f32.value	-924.830017
target VehDyn Per1 CwEOT HwDeg f32.value	1269.61401
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target_VehDyn_Per1_HwTorque_HwNm_f32.value	2.4000001
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.099976
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1900.59998
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.9000001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	10.04
Name	Expected Value
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VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.6001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.1001 ± 0.009
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1
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VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1117112832
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.3999 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1117112832
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733





Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.5 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	142.300003 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	778.502014
VehDyn_MinOffset_HwDeg_M_f32	975.77002
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.7931299 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.300999999 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-747.830017 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

est Step 2.86 (Repeat Count = 1)	
lame	Input Value
rtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
etSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	120.199997
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	146.199997
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.2000008
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	32.2000008
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	33198
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	7778
ehDyn AutoCntrDetSpd M str.Timer1 mS u32	2345892861
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3589476708
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.40002
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.33999992e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.30005
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000815999985
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	0
ehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt lqc	0
ehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	1
ehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	98.1999969
ehDyn AutoCntrHiSpd M str.VehSpd kph f32	32.0999985
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16
ehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	53
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	37799
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	41632
ehDyn AutoCntrHiSpd M str.Timer1 mS u32	3174948759
ehDyn AutoCntrHiSpd M str.Timer2 mS u32	3796740682
ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1438.19995
ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000604000001
ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-2400.5
ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000199999995
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	0
ehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	120.599998
ehDyn AutoCntrLoSpd M str.VehSpd kph f32	146
ehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	20
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	45,2000008
ehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	12258
ehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	36416
ehDyn AutoCntrLoSpd M str.Timer1 mS u32	1024
ehDyn_AutoCntrLoSpd_M_str.Timer1_m3_u32	3589476708

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Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.81999993e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000815999985
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	783.494019
VehDyn_MinOffset_HwDeg_M_f32	-884.382019
VehDyn_PinTrqSV_M_str.SV_Uls_f32	17.7999992
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000404999999
VehDyn_SLPHwAuth_Uls_M_f32	0.317999989
VehDyn_SLPHwPos_HwDeg_M_f32	-737.570007
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_UIs_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	86.3000031
k_TravelXCDeadband_Uls_f32	83.7200012
k_TravelXCHwAuthority_UIs_f32	0.117075004
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1316564736
target_GetSystemTime_mS_u32_CurrentTime	1736795392
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-918.570007
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1280.521
target_VehDyn_Per1_HwTorque_HwNm_f32.value	2.5999999
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1253.5
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1482.80005
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.8999998
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	20.3099995
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1736795392
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	3589476708
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.40002 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
Valance AutoCatelliand Mark FilterObitionized Catalog	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	3589476708 -1988.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	3589476708 -1988.30005 ± 0.009 -1900.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	3589476708 -1988.30005 ± 0.009 -1900.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	3589476708 -1988.30005 ± 0.009 -1900.5 ± 0.009 1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	3589476708 -1988.30005 ± 0.009 -1900.5 ± 0.009 1 0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	3589476708 -1988.30005 ± 0.009 -1900.5 ± 0.009 1 0 0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	3589476708 -1988.30005 ± 0.009 -1900.5 ± 0.009 1 0 0 1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	3589476708 -1988.30005 ± 0.009 -1900.5 ± 0.009 1 0 0 1 1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	3589476708 -1988.30005 ± 0.009 -1900.5 ± 0.009 1 0 0 1 1 1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	3589476708 -1988.30005 ± 0.009 -1900.5 ± 0.009 1 0 0 1 1





Name	Expected Value
VehDyn_PinTrqSV_M_str.SV_Uls_f32	17.7938347 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.317999989 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-737.570007 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte Inst Ap VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M Igc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	350.100006
/ehDyn AutoCntrDetSpd M str.VehSpd kph f32	156.100006
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	3.099999
/ehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	52.0999985
/ehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	21335
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	34188
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3796740682
	753.099976
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	3.35000004e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.1001
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000818
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	66.5400009
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	124
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18.1000004
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.1999969
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	8366
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	51002
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3382212733
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004657
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.200012
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000606000016
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.6001
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000203999996
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	350.600006
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156.600006
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3.29999995
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	78.8000031
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	34738
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36612
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	54822322
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.5
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.85999987e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.5
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000818
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
/ehDyn_HiSpdLearnt_Cnt_M_lgc	0
/ehDyn_Initialize_Cnt_M_lgc	0
/ehDyn_Initialize_One_w_ge /ehDyn_LoSpdLearnt_Cnt_M_lgc	0
/ehDyn_coopaccam_on_w_ge /ehDyn_MaxOffset_HwDeg_M_f32	788.486023
/ehDyn MinOffset HwDeg M f32	-877.697998





Name	Input Value
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-7
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000406000006
VehDyn_SLPHwAuth_Uls_M_f32	0.335000008
VehDyn_SLPHwPos_HwDeg_M_f32	-727.309998
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_UIs_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	56.5
k_TravelXCDeadband_Uls_f32	82.6900024
k_TravelXCHwAuthority_UIs_f32	0.118299998
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2075080192
target_GetSystemTime_mS_u32_CurrentTime	3437401088
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 CwEOT HwDeg f32	target VehDyn Per1 CwEOT HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-912.309998
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1291.42798
target VehDyn Per1 HwTorque HwNm f32.value	2.79999995
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	-835.400024
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-753.299988
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.19999981
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	25.8700008
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.099976 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.1001 ± 0.009
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3437401088
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.200012 ± 0.0009
	2800.6001 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1 2437404088
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3437401088
, - ,	3796740682
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.5 ± 0.009
VehDyn_AutoCntrl_oSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.5 ± 0.009
VehDyn_AutoCntrl_oCod_M_str.Filter3Faable_Cnt_lgc	0
VehDyn_AutoCntrl_oSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrl_oSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1291.42798
VehDyn_MinOffset_HwDeg_M_f32	-912.309998
VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_Uls_f32	-912.309998 -6.99596214 ± 0.000009
VehDyn_MinOffset_HwDeg_M_f32	-912.309998

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1



Fest Step 2.88 (Repeat Count = 1)	Input Value
lame	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime) SetSystemTime mS u32(CurrentTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime target GetSystemTime mS u32 CurrentTime
Rte_Inst_Ap_VehDyn	target Rte Inst Ap VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M Igc	0
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	400.299988
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	166.300003
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	5.30000019
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	41.2999992
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	12258
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36416
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420810
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.5
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.35999994e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.30005
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000820000016
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1mittalized_Cnt_lgc	1
ehDyn_AutoOntrBiSpd_M_str.MtrVel_MtrRadpS_f32	34.2000008
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	84.199969
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.19999981
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.0999985
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	3658
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	5853
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3589476708
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.80005
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000607999973
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.40002
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000207999998
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	400.5
ehDyn AutoCntrLoSpd M str.VehSpd kph f32	126.5
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	5.5
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	0
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	37799
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	41632
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	109643620
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004657
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.30005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.90000018e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.69995 0.000820000016
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0.000820000016
enDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_HiSpdLearnt_Cnt_M_lgc	1
ehDyn_Initialize_Cnt_M_lgc	1
ehDyn_LoSpdLearnt_Cnt_M_lgc	1
ehDyn_MaxOffset_HwDeg_M_f32	793.478027
ehDyn_MinOffset_HwDeg_M_f32	-871.013977
ehDyn_PinTrqSV_M_str.SV_Uls_f32	7.80000019
ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000407000014
ehDyn_SLPHwAuth_Uls_M_f32	0.351999998
ehDyn_SLPHwPos_HwDeg_M_f32	-717.049988
_HiSpdVDAuthority_UIs_f32	0
_LoSpdVDAuthority_Uls_f32	1
_SysKinRatio_MtrDegpHwDeg_f32	54.099985
_TravelXCDeadband_Uls_f32	81.6600037
_TraveIXCHwAuthority_UIs_f32 arget_DtrmnElapsedTime_mS_u32_ElapsedTime	0.119525 954802432
arget_GetSystemTime_mS_u32_CurrentTime	3494315776

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessHwPos HwDeg f32	target VehDyn Per1 SensorlessHwPos HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-906.049988
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1302.33496
target_VehDyn_Per1_HwTorque_HwNm_f32.value	3
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	-456.100006
target VehDyn Per1 RelHwPos HwDeg f32.value	456.399994
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	-8.39999962
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	30.4099998
Name	Expected Value
VehDyn AllowHiSpdAutoCntr Cnt M Igc	0
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	3494315776
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	54822322
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1988.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.30005 ± 0.009
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt Igc	0
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_Igc	1
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.80005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.40002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	1
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	1
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	0
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	109643620
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	4004004657
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.69995 ± 0.009
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt Igc	1
	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrl_oSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	
VehDyn_MaxOffset_HwDeg_M_f32	793.478027
VehDyn_MinOffset_HwDeg_M_f32	-871.013977
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.79798317 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.351999998 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-717.049988 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.89 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	600.099976
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	176.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	9.10000038
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	63.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	34738

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36612
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.59998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.3700006e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.099976
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000821999973
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	2.20000005
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	64.4000015
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.099999
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	45.4000015
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	29076
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	43868 3796740682
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2160073393
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	1988.80005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDog_str.K_UIs_f32	0.00060999988
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.099976
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000211999999
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	600.599976
	136.600006
VehDyn_AutoCntrloSpd_M_str.VehSpd_kph_f32	1.60000002
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	100
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	26195
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	22037
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	164464918
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
	-2000.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.94000012e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.Ry_Uls_f32	-1900.5
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000821999973
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt Igc	0
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn MaxOffset HwDeg M f32	798.469971
VehDyn_MinOffset_HwDeg_M_f32	-864.330017
VehDyn_PinTrqSV_M_str.SV_Uls_f32	3.2000005
VehDyn PinTrqSV M str.K Uls f32	0.000407999993
VehDyn SLPHwAuth Uls M f32	0.368999988
VehDyn_SLPHwPos_HwDeg_M_f32	-706.789978
k_HiSpdVDAuthority_Uls_f32	0.89999976
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	85.0999985
k TravelXCDeadband Uls f32	80.6299973
k TravelXCHwAuthority Uls f32	0.120750003
target DtrmnElapsedTime mS u32 ElapsedTime	2728878080
target GetSystemTime mS u32 CurrentTime	463842816
target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	target VehDyn Per1 CcwEOT HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_venDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_venbyn_ren_mwnordue_nwinin_i32 target_venbyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_vehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_vehDyn.VehDyn_Per1_SensorlessAuthority_Ois_i32 target_Rte_Inst_Ap_vehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-899.789978
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	3 2000005
target_VehDyn_Per1_HwTorque_HwNm_f32.value	3.20000005 1199.09998
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	





Name	Input Value
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-2500.1001
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	35.5499992
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.59998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.099976 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	463842816
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2160073393
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.80005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.099976 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	463842816
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	798.469971
VehDyn_MinOffset_HwDeg_M_f32	1600.31006
VehDyn_PinTrqSV_M_str.SV_Uls_f32	3.20002341 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.368999988 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-706.789978 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.90 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	200.300003
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	186.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	7.0999999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	88.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	26195
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22037
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.40002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.37999995e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.30005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000823999988
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	120
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	52.0999985
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	78.1999969
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	32821
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	53946
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004657
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.19995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000612000003
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000216
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc	
VehDyn_AutoCntrloSpd_M_str.MtrVel_MtrRadpS_f32	200.699997
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	146.699997
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.6999981
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.200008
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	43190
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3186
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.98000006e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.69995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000823999988
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	803.461975
VehDyn_MinOffset_HwDeg_M_f32	-857.645996 -5.4000004
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.4000001 0.000409
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.386000007
VehDyn_SLPHwAuth_Uls_M_f32	-696.530029
VehDyn_SLPHwPos_HwDeg_M_f32 k_HiSpdVDAuthority_UIs_f32	0
k LoSpdVDAuthority Uls f32	1
k SysKinRatio MtrDegpHwDeg f32	96.099985
k_TravelXCDeadband_Uls_f32	79.5999985
k_TravelXCHwAuthority_UIs_f32	0.121974997
target_DtrmnElapsedTime_mS_u32_ElapsedTime	824746752
target GetSystemTime mS u32 CurrentTime	1759885568
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-893.530029
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1324.14905
target_VehDyn_Per1_HwTorque_HwNm_f32.value	3.4000001
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1299.40002
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	2600.80005
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1 26 7700005
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	36.7700005
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
Volably AutoCataDatCad Mata Timont	1759885568
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4200067205
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
	4290967295 1991.40002 ± 0.009 -1988.30005 ± 0.009





Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004657
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.69995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1324.14905
VehDyn_MinOffset_HwDeg_M_f32	-893.530029
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.39637709 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.386000007 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-696.530029 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	457.899994
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	196.899994
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	5.9000001
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	75.9000015
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	43190
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3186
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1078320779
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.40002
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.39000007e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.09998
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000826000003
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	350.399994
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	34
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.1999998
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	40437
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	13059
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4211268631
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.30005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000614000019
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.59998
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000220000002
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	457.100006
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156.199997
VehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	13.1999998
	10.3000002
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	0
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	30349
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.02e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000826000003
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	
VehDyn_MaxOffset_HwDeg_M_f32	808.453979
VehDyn_MinOffset_HwDeg_M_f32	-850.961975
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.5999999
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000410000008
VehDyn_SLPHwAuth_Uls_M_f32	0.402999997
VehDyn_SLPHwPos_HwDeg_M_f32	-686.27002
k_HiSpdVDAuthority_UIs_f32	1
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	32.2999992
k_TravelXCDeadband_Uls_f32	78.5699997
k_TravelXCHwAuthority_UIs_f32	0.123199999
target_DtrmnElapsedTime_mS_u32_ElapsedTime	309385728
target_GetSystemTime_mS_u32_CurrentTime	1662097408
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-887.27002
target VehDyn Per1 CwEOT HwDeg f32.value	1335.05603
target VehDyn Per1 HwTorgue HwNm f32.value	3.5999999
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-147.600006
target VehDyn Per1 RelHwPos HwDeg f32.value	-2400.1001
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	-8
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	38.6300011
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.40002 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	ī
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1662097408
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	1024
	-2000.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDog_str.SV_Uls_f32	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.59998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1662097408
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295

VehDyn_Per1





Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.5 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1335.05603
VehDyn_MinOffset_HwDeg_M_f32	-887.27002
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.5982585 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.402999997 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-686.27002 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Invest Value
	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	498.100006
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	206.100006
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	3.0999999
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	97.099985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	30404
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	30349
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476708
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.19995
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.3999997e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.5
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000828000018
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	400.200012
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	18
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	12
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2291
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58929
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.19995
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000615999976
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.40002
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000224000003
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	498.399994
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	166.100006
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	19.2999992
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	25.3999996
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	60000
/ehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	3277
/ehDyn AutoCntrLoSpd M str.Timer1 mS u32	328928812
/ehDyn AutoCntrLoSpd M str.Timer2 mS u32	1078320779

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Name	Input Value
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1482.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.05999994e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.700012
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000828000018
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	813.445984
VehDyn_MinOffset_HwDeg_M_f32	-844.278015
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.5
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000410999986
VehDyn_SLPHwAuth_Uls_M_f32	0.419999987
VehDyn_SLPHwPos_HwDeg_M_f32	-676.01001
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	52.5
k_TravelXCDeadband_Uls_f32	77.5400009
k_TravelXCHwAuthority_UIs_f32	0.124425001
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4164171008
target_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeq_f32	2127166208
0 = = = 1	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-881.01001
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1345.96301
target_VehDyn_Per1_HwTorque_HwNm_f32.value	3.7999995
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	88.800031
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	2800.80005
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.80000019
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	45.4099998
Name	Expected Value
VehDyn AllowHiSpdAutoCntr Cnt M Igc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2127166208
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1900.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	0
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	1
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	1024
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.40002 ± 0.009
VehDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.700012 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn Initialize Cnt M Igc	
	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1





Name	Expected Value
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.50100636 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.419999987 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-676.01001 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

est Step 2.93 (Repeat Count = 1)	
lame	Input Value
htrmnElapsedTime_mS_u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
te_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn AllowHiSpdAutoCntr Cnt M Igc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	539.799988
ehDyn AutoCntrDetSpd M str.VehSpd kph f32	216.800003
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	1,7999995
ehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	86.8000031
ehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	10412
ehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	3277
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3796740682
ehDyn AutoCntrDetSpd M str.Timer2 mS u32	2345892861
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.59998
ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	3.41000009e-006
ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-2400.1001
ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000829999975
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	600.200012
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	88.4000015
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10.1999998
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	52.2000008
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	38868
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	57944
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	54822322
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1078320779
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.5
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000617999991
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2000.40002
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000228000004
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	539.099976
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	176.100006
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3.0999999
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.0999985
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	16683
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22497
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	383750110
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.200012
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.0999988e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.5
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000829999975
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1.
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc	0
ehDyn HiSpdLearnt Cnt M Igc	0
ehDyn_Initialize_Cnt_M_lgc	1
ehDyn_LoSpdLearnt_Cnt_M_lgc	0
ehDyn_MaxOffset_HwDeg_M_f32	818.437988
ehDyn_MinOffset_HwDeg_M_f32	-837.593994





Name	Input Value
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-1.60000002
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000411999994
VehDyn_SLPHwAuth_Uls_M_f32	0.437000006
VehDyn_SLPHwPos_HwDeg_M_f32	-665.75
k_HiSpdVDAuthority_Uls_f32	0.899999976
k_LoSpdVDAuthority_UIs_f32	0.100000001
k_SysKinRatio_MtrDegpHwDeg_f32	41.0999985
k_TravelXCDeadband_Uls_f32	76.5100021
k_TravelXCHwAuthority_Uls_f32	0.125650004
target_DtrmnElapsedTime_mS_u32_ElapsedTime	437658624
target_GetSystemTime_mS_u32_CurrentTime	4243378688
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-874.75
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1356.87
target_VehDyn_Per1_HwTorque_HwNm_f32.value	4
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-75.5400009
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1438.59998
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	3.20000005
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	456.869995
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.59998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.1001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4243378688
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2000.40002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4243378688
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.200012 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	
	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	
	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1 0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	1 0 0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	1 0 0 1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	1 0 0 1 0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	1 0 0 1 0 818.437988
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	1 0 0 1 0 818.437988 563.849976

Τ	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1



Fest Step 2.94 (Repeat Count = 1) Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	580.099976
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	156.100006
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.0999999
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	42.0999985
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16 ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	16683 22497
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4004004657
ehDyn AutoCntrDetSpd M str.Timer2 mS u32	2553156835
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.40002
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.41999998e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.5
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000831999991
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	200
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	76
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2.4000001
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	10
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53970
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	52282 109643620
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2138628886
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.30005
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000620000006
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.19995
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000232000006
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	580.01001
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	186.199997
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	5.01000023
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	56.099985
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	5235
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0 2138628886
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2345892861
ehDyn_AutoCntrLoSpd_M_str.Timer2_m3_u32 /ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV HwDeg_str.SV Uls_f32	456.299988
/ehDyn_AutoOntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.14000019e-005
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-753.700012
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000831999991
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc	1
ehDyn_HiSpdLearnt_Cnt_M_lgc	1
ehDyn_Initialize_Cnt_M_lgc	0
ehDyn_LoSpdLearnt_Cnt_M_lgc	1
ehDyn_MaxOffset_HwDeg_M_f32	-823.429993
ehDyn_MinOffset_HwDeg_M_f32	-830.909973
ehDyn_PinTrqSV_M_str.SV_UIs_f32	-14.8000002 0.000413000002
ehDyn_PinTrqSV_M_str.K_Uls_f32 ehDyn_SLPHwAuth_Uls_M_f32	0.000413000002
enDyn_SLPHWAutn_Uis_M_f32 ehDyn_SLPHwPos_HwDeg_M_f32	-655.48999
_HiSpdVDAuthority_Uls_f32	-000.40999 0
LoSpdVDAuthority Uls f32	0.600000024
cospavDAttilionity_ors_rsz _SysKinRatio_MtrDegpHwDeg_f32	63.099985
_TravelXCDeadband_Uls_f32	75.4800034
TraveIXCHwAuthority_Uls_f32	0.126874998
arget_DtrmnElapsedTime_mS_u32_ElapsedTime	3941357312
arget_GetSystemTime_mS_u32_CurrentTime	1050692864
	target_VehDyn_Per1_CcwEOT_HwDeg_f32

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-868.48999
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1367.77698
target_VehDyn_Per1_HwTorque_HwNm_f32.value	4.19999981
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-900.099976
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	753.330017
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.4000001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	45.6399994
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1050692864
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.40002 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	109643620
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.299988 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.700012 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1367.77698
VehDyn_MinOffset_HwDeg_M_f32	-868.48999
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.7921886 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.453999996 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-655.48999 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.95 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	621.700012	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	166.699997	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.69999981	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	12.6999998	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	5235	

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27074
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.43000011e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.09998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000834000006
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	457.200012
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	86.1999969
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.19999981
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	25.3999996
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	20423
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	31368
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	164464918
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.200012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000622000021
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1900.59998
	0.00236000007
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000236000007
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0 1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	621.200012
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	196.300003
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	9.19999981
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	54.2999992
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	40437
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	60000
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2345892861
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.17999976e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.299988
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000834000006
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt Igc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	1
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	0
VehDyn HiSpdLearnt Cnt M Igc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn LoSpdLearnt Cnt M Iqc	0
VehDyn MaxOffset HwDeg M f32	828.421997
VehDyn_MinOffset_HwDeg_M_f32	-824.226013
VehDyn_PinTrqSV_M_str.SV_Uls_f32	17.7999992
VehDyn_PinTrqSV_M_str.K_UIs_f32	0.000414000009
VehDyn_SLPHwAuth_Uls_M_f32	0.470999986
VehDyn_SLPHwPos_HwDeg_M_f32	-645.22998
k_HiSpdVDAuthority_UIs_f32	1
k_LoSpdVDAuthority_UIs_f32	0.800000012
k_SysKinRatio_MtrDegpHwDeg_f32	88.0999985
k_TravelXCDeadband_Uls_f32	74.4499969
k_TravelXCHwAuthority_Uls_f32	0.128099993
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3304439296
target_GetSystemTime_mS_u32_CurrentTime	3039943680
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target VehDyn Per1 SensorlessHwPos HwDeq f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDvn_Per1_TorgueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -862.22998
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32

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Name	Input Value
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1988.09998
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	75.3099976

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	498
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	96
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	6.19999981
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.1999969
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	7034
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	39056
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.200012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000623999978
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.40002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000239999994
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	662.700012
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	206.5
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.6999981
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	85.5
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	2291
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	16683
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835 2760420810
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2760420810 2600.30005
	6.22000007e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998
VenDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.Sv_Dis_i32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00836000021
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn Initialize Cnt M Igc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-833.414001
VehDyn MinOffset HwDeg M f32	-817.541992
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-7
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000414999988
VehDyn_SLPHwAuth_Uls_M_f32	0.488000005
VehDyn_SLPHwPos_HwDeg_M_f32	-634.969971
k_HiSpdVDAuthority_Uls_f32	0
k LoSpdVDAuthority Uls f32	0.600000024
SysKinRatio MtrDegpHwDeg f32	75.0999985
k_TravelXCDeadband_Uls_f32	73.4199982
x_TravelXCHwAuthority_Uls_f32	0.129325002
arget_DtrmnElapsedTime_mS_u32_ElapsedTime	2167769344
target_GetSystemTime_mS_u32_CurrentTime	1316564736
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
arget_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-855.969971
arget_VehDyn_Per1_CwEOT_HwDeg_f32.value	1389.59094
arget_VehDyn_Per1_HwTorque_HwNm_f32.value	4.5999999
arget_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-418.399994
arget_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1988.59998
arget_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.5
arget_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
arget_VehDyn_Per1_VehicleSpeed_Kph_f32.value	159.820007
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892861
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1316564736
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	456.405273 ± 0.0009
	-2400.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.5 ± 0.009





Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.40002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-833.414001
VehDyn_MinOffset_HwDeg_M_f32	-817.541992
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-6.99517775 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.488000005 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-634.969971 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
DtrmnElapsedTime_mS_u32	1
GetSystemTime_mS_u32	2
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.97 (Repeat Count = 1) Name	Input Value
DtrmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn
VehDyn AllowHiSpdAutoCntr Cnt M Iqc	1
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	498.100006
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	156.100006
VehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	3.0999999
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	52.0999985
VehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	21335
VehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	34188
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	3796740682
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-2500.5
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	3.44999989e-006
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	2800.1001
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000837999978
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	1
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	0
VehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	539.200012
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	106.199997
VehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	8.39999962
VehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	56
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	25532
VehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	27401
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	274107514
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	2760420810
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000625999994
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.5
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000243999995

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Name	Input Value
	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1	
	124.5
	216.100006
, _ ,	5.5 96.099985
	38868
7 - 1	41632
	2760420810
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	3200
	6.25999965e-005
, = - = = = = = = = = = = = = = = = = =	-753.299988
, = , = = = = = = = = = = = = = = = = =	0.000837999978 0
7 - 1 - 2	1
, = = = = = = = = = = = = = = = = = = =	' 1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc 1	
	0
VehDyn_Initialize_Cnt_M_lgc 1	1
7 7 2 110 11 21 2 231	0
,	838.406006
7 2 7 7 2 2 7	810.857971
, = , = = = =	6.3000019
7 - 1	0.000415999995 0.504999995
	624.710022
	0.230000004
	0.5
k_SysKinRatio_MtrDegpHwDeg_f32	97.3000031
k_TravelXCDeadband_Uls_f32 7	72.3899994
_ /= _	0.130549997
	3714197504
	2075080192
	target_VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32
	target VehDyn Per1 HwTorque HwNm f32
	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc
0 = = = 1 = 7	target_VehDyn_Per1_VehicleSpeed_Kph_f32 -849.710022
. 5.2 - , 2 - 2.1 - 1.2	1400.49805
	4.8000019
	-425.200012
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value 1	1991.09998
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value -	-1.60000002
. 312 · , 2 · 2 ·	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	357.700012
	Expected Value
7 - 1 - 2 - 20	1
, _ ,	2553156835
	3796740682 -2500.5 ± 0.009
	2800.1001 ± 0.009
	1
	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 1	1
, = 1 = 2 = 2	0
,	2075080192
	2760420810
	-2500.5 ± 0.009 -753.5 ± 0.0009
, _ ,	-753.5 ± 0.0009
, =	0
, =	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1	1





Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.299988 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-590.60199
VehDyn_MinOffset_HwDeg_M_f32	-810.857971
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.29936934 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.5 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1600 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.98 (Repeat Count = 1)	Innut Value
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	539.599976
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	166.600006
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	5.599999
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	41.6599998
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	12258
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36416
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420810
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.5
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.46000002e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.5
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000839999993
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	580
/ehDyn AutoCntrHiSpd M str.VehSpd kph f32	116.400002
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	54.2000008
/ehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	53759
/ehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	18715
/ehDyn AutoCntrHiSpd M str.Timer1 mS u32	328928812
/ehDyn AutoCntrHiSpd M str.Timer2 mS u32	2967684784
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	2600.5
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000628000009
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	456.399994
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000247999997
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0.000247333337
	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	138.800003
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	226.199997
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3.7999995
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	32.2000008
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53970
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 /ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	5235 2967684784



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Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	3200
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.2999995e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.100006
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000839999993
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn LoSpdLearnt Cnt M lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	843.39801
VehDyn MinOffset HwDeg M f32	-804.174011
VehDyn_PinTrqSV_M_str.SV_Uls_f32	15.1999998
VehDyn PinTrgSV M str.K Uls f32	0.000417000003
VehDyn_SLPHwAuth_Uls_M_f32	0.522000015
VehDyn_SLPHwPos_HwDeg_M_f32	-614.450012
	0
k_HiSpdVDAuthority_UIs_f32	0.69999988
k_LoSpdVDAuthority_Uls_f32	
k_SysKinRatio_MtrDegpHwDeg_f32	86.5
k_TraveIXCDeadband_UIs_f32	71.3600006
k_TravelXCHwAuthority_Uls_f32	0.131775007
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3323480832
target_GetSystemTime_mS_u32_CurrentTime	954802432
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-843.450012
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1411.40503
target_VehDyn_Per1_HwTorque_HwNm_f32.value	5
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	752
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	2880.05005
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	456.160004
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	954802432
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	2600.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.399994 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCotrl oSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	3200 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.100006 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1411.40503
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Name	Expected Value
VehDyn_MinOffset_HwDeg_M_f32	-843.450012
VehDyn_PinTrqSV_M_str.SV_Uls_f32	15.1957684 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.522000015 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-614.450012 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

lame	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	580.099976
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	176.100006
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	9.10000038
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	63.0999985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	34738
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36612
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.3999
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.46999991e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.099976
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000842000009
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	621.400024
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	126
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	12
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	85
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	13352
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	14442
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	383750110
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948759
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.5
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000630000024
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.5
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000251999998
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	86.099985
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	236.600006
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	1.10000002
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.5999985
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	20423
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	31368
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948759
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.34000025e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.30005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000842000009
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_HiSpdLearnt_Cnt_M_lgc	0
/ehDyn_Initialize_Cnt_M_lgc	0
/ehDyn_LoSpdLearnt_Cnt_M_lgc	0
/ehDyn_MaxOffset_HwDeg_M_f32	848.390015

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Name	Input Value
VehDyn_MinOffset_HwDeg_M_f32	-797.48999
VehDyn_PinTrqSV_M_str.SV_Uls_f32	14
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000418000011
VehDyn_SLPHwAuth_Uls_M_f32	0.538999975
VehDyn_SLPHwPos_HwDeg_M_f32	-604.190002
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_UIs_f32	0.800000012
k_SysKinRatio_MtrDegpHwDeg_f32	42.0999985
k_TravelXCDeadband_Uls_f32	70.3300018
k_TravelXCHwAuthority_Uls_f32	0.133000001
target_DtrmnElapsedTime_mS_u32_ElapsedTime	71426560
target_GetSystemTime_mS_u32_CurrentTime	2728878080
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target VehDyn Per1 HwTorque HwNm f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target VehDyn Per1 SensorlessHwPos HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target VehDyn Per1 TorqueCmdCRF MtrNm f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target VehDyn Per1 VehicleSpeedValid Cnt Igc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-837.190002
target VehDyn Per1 CwEOT HwDeg_i32.value	1422.31201
target_VehDyn_Per1_HwTorque_HwNm_f32.value	5.19999981
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	-158.979996
target VehDyn Per1 RelHwPos HwDeg f32.value	200.899994
	-7.30000019
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	0
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	258.149994
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.3999 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.099976 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2728878080
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VobDyn AutoCatrHiSad M otr Filter?Epoble Cat Isa	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	
	0
VenDyn_AutoCntrHispd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHispd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHispd_M_str.Filter2Initialized_Cnt_lgc	0 1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1 2728878080
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1 2728878080 3382212733
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1 2728878080 3382212733 0±0.000009
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1 2728878080 3382212733 0±0.000009 -2500.30005±0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1 2728878080 3382212733 0±0.000009 -2500.30005±0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1 2728878080 3382212733 0±0.000009 -2500.30005±0.009 0
VehDyn_AutoCntrHospd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHospd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLospd_M_str.Timer1_ms_u32 VehDyn_AutoCntrLospd_M_str.Timer2_ms_u32 VehDyn_AutoCntrLospd_M_str.RelHwPosFilt1sV_HwDeg_str.Sv_Uls_f32 VehDyn_AutoCntrLospd_M_str.RelHwPosFilt2sV_HwDeg_str.Sv_Uls_f32 VehDyn_AutoCntrLospd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLospd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLospd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLospd_M_str.Filter2Initialized_Cnt_lgc	1 2728878080 3382212733 0 ± 0.000009 -2500.30005 ± 0.009 0 1 1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	1 2728878080 3382212733 0±0.000009 -2500.30005±0.009 0 1 1 1 0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	1 2728878080 3382212733 0±0.000009 -2500.30005±0.009 0 1 1 1 0 1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	1 2728878080 3382212733 0±0.000009 -2500.30005±0.009 0 1 1 1 0 1 0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	1 2728878080 3382212733 0±0.000009 -2500.30005±0.009 0 1 1 1 0 1 0 1422.31201
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	1 2728878080 3382212733 0±0.000009 -2500.30005±0.009 0 1 1 1 0 1 0 1422.31201 -837.190002
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	1 2728878080 3382212733 0±0.000009 -2500.30005±0.009 0 1 1 1 0 1 0 1422.31201



Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.100 (Repeat Count = 1)	
lame	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	62.5099983
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	186.5
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	7.5
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	88.5
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	26195
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22037
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948759
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.5
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.48000003e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.5
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000844000024
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	662.200012
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	136.399994
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.1999969
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21364
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52716
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2138628886
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.19995
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000631999981
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.5
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000255999999
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1.
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	44.5999985
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	246.100006
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	2.5999999
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	41.0999985
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	7034
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	39056
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3382212733
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476708
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1440.88
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.37999983e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.1001
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000844000024
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn HiSpdLearnt Cnt M lgc	1
ehDyn_Initialize_Cnt_M_lgc	1
ehDyn_LoSpdLearnt_Cnt_M_lgc	1
/ehDyn_Loopatcam_ont_w_ge /ehDyn_MaxOffset HwDeg_M_f32	853.382019
ehDyn_MinOffset_HwDeg_M_f32	-790.80603
/ehDyn_PinTrqSV_M_str.SV_UIs_f32	8.89999962
ehDyn_FinTrqSV_M_str.K_Uls_f32	0.000418999989





Name	Input Value
VehDyn_SLPHwAuth_Uls_M_f32	0.555999994
VehDyn_SLPHwPos_HwDeg_M_f32	-593.929993
k_HiSpdVDAuthority_Uls_f32	0.119999997
k_LoSpdVDAuthority_Uls_f32	0.800000012
k_SysKinRatio_MtrDegpHwDeg_f32	12.1000004
k_TravelXCDeadband_Uls_f32	69.3000031
k_TravelXCHwAuthority_UIs_f32	0.134224996
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2430672128
target_GetSystemTime_mS_u32_CurrentTime	824746752
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-830.929993
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1433.21899
target_VehDyn_Per1_HwTorque_HwNm_f32.value	5.4000001 753
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-2000.04004 1.2999995
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1.2999999
target VehDyn Per1 VehicleSpeed Kph f32.value	369.75
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
	i ·
VehDvn AutoCntrDetSnd M str Timer1 mS u32	3174048750
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759 4290967295
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	4290967295 2800.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	4290967295
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	4290967295 2800.5 ± 0.009 -1988.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	4290967295 2800.5 ± 0.009 -1988.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	4290967295 2800.5 ± 0.009 -1988.5 ± 0.009 0
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	4290967295 2800.5 ± 0.009 -1988.5 ± 0.009 0 0
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	4290967295 2800.5 ± 0.009 -1988.5 ± 0.009 0 0 1
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4290967295 2800.5 ± 0.009 -1988.5 ± 0.009 0 0 1 824746752
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295 2800.5 ± 0.009 -1988.5 ± 0.009 0 0 1 824746752 3382212733
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	4290967295 2800.5 ± 0.009 -1988.5 ± 0.009 0 0 1 824746752 3382212733 2800.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	4290967295 2800.5 ± 0.009 -1988.5 ± 0.009 0 0 1 824746752 3382212733 2800.19995 ± 0.009 2600.5 ± 0.009 0 1
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	4290967295 2800.5 ± 0.009 -1988.5 ± 0.009 0 0 1 824746752 3382212733 2800.19995 ± 0.009 2600.5 ± 0.009 0
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	4290967295 2800.5 ± 0.009 -1988.5 ± 0.009 0 0 1 824746752 3382212733 2800.19995 ± 0.009 2600.5 ± 0.009 0 1 1 0
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4290967295 2800.5 ± 0.009 -1988.5 ± 0.009 0 0 1 824746752 3382212733 2800.19995 ± 0.009 2600.5 ± 0.009 0 1 1 0 3382212733
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295 2800.5 ± 0.009 -1988.5 ± 0.009 0 0 1 824746752 3382212733 2800.19995 ± 0.009 2600.5 ± 0.009 0 1 1 0 3382212733 3589476708
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	$\begin{array}{c} 4290967295 \\ 2800.5 \pm 0.009 \\ -1988.5 \pm 0.009 \\ 0 \\ 0 \\ 0 \\ 1 \\ 824746752 \\ 3382212733 \\ 2800.19995 \pm 0.009 \\ 2600.5 \pm 0.009 \\ 0 \\ 1 \\ 1 \\ 0 \\ 3382212733 \\ 3589476708 \\ 1440.88 \pm 0.009 \\ \end{array}$
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	4290967295 2800.5 ± 0.009 -1988.5 ± 0.009 0 0 1 824746752 3382212733 2800.19995 ± 0.009 2600.5 ± 0.009 0 1 1 0 3382212733 3589476708 1440.88 ± 0.009 2600.1001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	4290967295 2800.5 ± 0.009 -1988.5 ± 0.009 0 0 1 824746752 3382212733 2800.19995 ± 0.009 2600.5 ± 0.009 0 1 1 1 0 3382212733 3589476708 1440.88 ± 0.009 2600.1001 ± 0.009 1
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VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	4290967295 2800.5 ± 0.009 -1988.5 ± 0.009 0 0 0 1 824746752 3382212733 2800.19995 ± 0.009 2600.5 ± 0.009 0 1 1 0 3382212733 3589476708 1440.88 ± 0.009 2600.1001 ± 0.009 1 0 0 1 1 1 0 0 1 1 1 853.382019
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	4290967295 2800.5 ± 0.009 -1988.5 ± 0.009 0 0 0 1 824746752 3382212733 2800.19995 ± 0.009 2600.5 ± 0.009 0 1 1 1 0 3382212733 3589476708 1440.88 ± 0.009 2600.1001 ± 0.009 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_Uls_f32	4290967295 2800.5 ± 0.009 -1988.5 ± 0.009 0 0 0 1 824746752 3382212733 2800.19995 ± 0.009 2600.5 ± 0.009 0 1 1 1 0 3382212733 3589476708 1440.88 ± 0.009 2600.1001 ± 0.009 1 0 0 1 1 1 1 1 853.382019 1169.10999 8.89857864 ± 0.000009
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	4290967295 2800.5 ± 0.009 -1988.5 ± 0.009 0 0 0 1 824746752 3382212733 2800.19995 ± 0.009 2600.5 ± 0.009 0 1 1 1 0 3382212733 3589476708 1440.88 ± 0.009 2600.1001 ± 0.009 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1



ame	Input Value
trmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
etSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	662.400024
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	196.399994
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	5.4000001
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	75.4000015
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	43190
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3186
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1078320779
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDog_str.SV_Uls_f32	-1438.40002
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	3.4899993e-006 1988.40002
ehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.Sv_Uis_i32	0.000845999981
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn AutoCntrDetSpd M str.Filter2Initialized_Cnt_lgc	0
ehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	124.199997
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	146
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.3999996
ehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	32
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	33198
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	7778
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2345892861
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3589476708
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.80005
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000633999996
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.3999
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000260000001
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	96.6999969
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	42.5999985
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.69999981
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	63.5999985
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	25532
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27401
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3589476708
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1200.56006
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.42000014e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.30005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000845999981
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
enDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_HiSpdLearnt_Cnt_M_lgc	0
ehDyn Initialize Cnt M Igc	1
ehDyn_LoSpdLearnt_Cnt_M_lgc	0
ehDyn MaxOffset HwDeg M f32	858.374023
ehDyn_MinOffset_HwDeg_M_f32	-784.122009
ehDyn PinTrqSV M str.SV Uls f32	13.8999996
ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000419999997
ehDyn_SLPHwAuth_Uls_M_f32	0.573000014
ehDyn_SLPHwPos_HwDeg_M_f32	-583.669983
HiSpdVDAuthority_Uls_f32	1
LoSpdVDAuthority_Uls_f32	0.5
SysKinRatio_MtrDegpHwDeg_f32	53.5
TraveIXCDeadband_Uls_f32	68.2699966
TravelXCHwAuthority Uls f32	0.135450006
rget_DtrmnElapsedTime_mS_u32_ElapsedTime	2242866176
rget_GetSystemTime_mS_u32_CurrentTime	309385728
· - ·	target_VehDyn_Per1_CcwEOT_HwDeg_f32
rget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_venibyn_r er 1_eenibe 1_rmb eg_leb

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-824.669983
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1427.65002
target_VehDyn_Per1_HwTorque_HwNm_f32.value	5.5999999
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	159.410004
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1900.64001
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	156.960007
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.40002 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.40002 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	309385728
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.80005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.3999 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	309385728
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1200.56006 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-472.98999
VehDyn_MinOffset_HwDeg_M_f32	-784.122009
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.8965578 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.5 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1600 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.102 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	124.099998	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	206.100006	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	3.0999999	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	97.0999985	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	30404	

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	30349
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.6001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.50000005e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000847999996
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	138
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	156
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	3
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	52.4000015
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	21335
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	34188
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
	753.200012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDog_str.SV_Uls_f32	753.200012 0.000636000012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDog_str.K_Uls_f32	
VehDyn_AutoCntrl-iSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	2800.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000264000002
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	100.599998
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	124.699997
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.5999999
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	88.6999969
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21364
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52716
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51000006e-006
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.1001
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000847999996
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt lqc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn MaxOffset HwDeg M f32	863.366028
VehDyn_MinOffset_HwDeg_M_f32	-777.437988
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.80000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000421000004
VehDyn_SLPHwAuth_Uls_M_f32	0.589999974
VehDyn_SLPHwPos_HwDeg_M_f32	-573.409973
k_HiSpdVDAuthority_UIs_f32	0
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	86.099985
k_TravelXCDeadband_Uls_f32	67.2399979
k_TravelXCHwAuthority_Uls_f32	0.136675
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2269150976
target_GetSystemTime_mS_u32_CurrentTime	2659241984
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_vehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_vehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_venbyn_ren_ronquechnocki_minmin_isz
target_Rte_Inst_Ap_venDyn.venDyn_Per1_venicleSpeed.valid_Cnt_igc target_Rte_Inst_Ap_venDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target VehDyn Per1 VehicleSpeed Kph f32
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target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-818.409973
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1422.08105
target_VehDyn_Per1_HwTorque_HwNm_f32.value	5.80000019
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1100

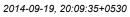




Name	Input Value
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1900.23999
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	135.139999
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2659241984
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.6001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.5 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.1001 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1422.08105
VehDyn_MinOffset_HwDeg_M_f32	-818.409973
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.79913568 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.589999974 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-573.409973 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.103 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	138.100006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	216.199997
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	1.20000005
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.1999969
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	10412
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3277
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.400024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.50999994e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.3999
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000850000011
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86.1999969
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	166





Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.4000001
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	41
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.80005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000638000027
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.40002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000268000003
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	124.699997
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	216.600006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	1.70000005
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	88.5999985

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Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2942063360
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.80005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.40002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2942063360
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	383750110
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.40002 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1416.51196
VehDyn_MinOffset_HwDeg_M_f32	-812.150024
VehDyn_PinTrqSV_M_str.SV_Uls_f32	3.20116019 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.606999993 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-563.150024 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	498.200012
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	156.199997
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	3.20000005
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52.2000008
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21335
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	34188
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.5
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.52000006e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.5
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000852000026
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	10
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	226.399994
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.1999969
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53970
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52282
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	274107514
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004657
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888.200012
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000639999984
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.6001
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000272000005
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0

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Name Input Value VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 98.8000031 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 88.3000031 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 10.8000002 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 52.2999992 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 38868 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 57944 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 2760420810 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 2967684784 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -1900.5 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 0.0005660000002 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -753 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 0.000852000026 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 98.8000031 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 88.3000031 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 10.8000002 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 52.2999992 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 38868 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 57944 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 2760420810 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2967684784 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -1900.5 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 0.000566000002 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -753 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000852000026	
VehDyn_AutoCntrHiSpd_M_str.Rilter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 98.8000031 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 88.3000031 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 10.8000002 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 52.2999992 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 38868 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 57944 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 2760420810 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2967684784 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -1900.5 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 0.000566000002 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -753 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000852000026	
VehDyn_AutoCntrLoSpd_M_str.Wtvel_MtrRadpS_f32 98.8000031 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 88.3000031 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 10.8000002 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 52.2999992 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 38868 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 57944 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 2760420810 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2967684784 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -1900.5 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 0.000566000002 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -753 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000852000026	
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 88.3000031 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 10.8000002 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 52.2999992 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 38868 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 57944 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 2760420810 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2967684784 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_UIs_f32 -1900.5 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_UIs_f32 0.000566000002 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_UIs_f32 -753 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIs_f32 0.000852000026	
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 10.8000002 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 52.2999992 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 38868 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 57944 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 2760420810 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2967684784 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -1900.5 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 0.000566000002 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -753 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000852000026	
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 52.2999992 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 38868 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 57944 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 2760420810 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2967684784 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -1900.5 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 0.000566000002 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -753 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000852000026	
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 38868 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 57944 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 2760420810 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2967684784 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_UIs_f32 -1900.5 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_UIs_f32 0.000566000002 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_UIs_f32 -753 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIs_f32 0.000852000026	
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 57944 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 2760420810 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2967684784 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -1900.5 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 0.000566000002 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -753 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000852000026	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 2760420810 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2967684784 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -1900.5 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 0.000566000002 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -753 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000852000026	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2967684784 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_UIs_f32 -1900.5 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_UIs_f32 0.000566000002 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_UIs_f32 -753 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIs_f32 0.000852000026	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_UIs_f32	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 0.000566000002 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -753 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 0.000852000026	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -753 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000852000026	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 0.000852000026	
Total July auto-one 200 paging on the remaining of the second of the sec	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 1	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 1	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0	
VehDyn_HiSpdLearnt_Cnt_M_lgc 0	
VehDyn_Initialize_Cnt_M_Igc 1	
VehDyn_LoSpdLearnt_Cnt_M_lgc 0	
VehDyn_MaxOffset_HwDeg_M_f32 873.349976	
VehDyn_MinOffset_HwDeg_M_f32 -764.070007	
VehDyn_PinTrqSV_M_str.SV_Uls_f32 7.80000019	
VehDyn_PinTrqSV_M_str.K_Uls_f32 0.000422999999	
VehDyn_SLPHwAuth_Uls_M_f32 0.624000013	
VehDyn_SLPHwPos_HwDeg_M_f32 -552.890015	
k_HiSpdVDAuthority_Uls_f32 1	
k_LoSpdVDAuthority_Uls_f32 0	
k_SysKinRatio_MtrDegpHwDeg_f32 32.5	
k_TravelXCDeadband_Uls_f32 65.1800003	
k_TravelXCHwAuthority_Uls_f32 0.139125004	
target_DtrmnElapsedTime_mS_u32_ElapsedTime 3714197504 target_GetSystemTime_mS_u32_CurrentTime 2075080192	
target_Rte_Inst_Ap_VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_UIs_f32 target_VehDyn_Per1_SensorlessAuthority_UIs_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value -805.890015	
target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1410.94299	
target_VehDyn_Per1_HwTorque_HwNm_f32.value 6.19999981	
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value -1253.73999	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value -753.059998	
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value 4.5999999	
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 398.109985	
Name Expected Value	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 1	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2553156835	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 3796740682	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -1988.5 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 2800.5 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDvn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1	
. ,	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2075080192	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 4004004657	
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV UIs f32 -888.200012 ± 0.0009	
,	
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32 2600.6001 ± 0.009	
, _ , _ ,	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 0	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 0	

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Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	873.349976
VehDyn_MinOffset_HwDeg_M_f32	-52.8300018
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.79938316 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.624000013 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-552.890015 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

est Step 2.105 (Repeat Count = 1)	Innut Value
lame	Input Value
htrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
tetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	86.099985
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	156.100006
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.0999999
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	42.0999985
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	16683
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22497
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4004004657
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1950.09998
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.52999996e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.3999
ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000853999984
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn AutoCntrDetSpd M str.Filter2Enable Cnt Igc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	1
'ehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	44.4000015
'ehDyn AutoCntrHiSpd M str.VehSpd kph f32	176
'ehDyn AutoCntrHiSpd M str.FiltPinTrq HwNm f32	9.19999981
'ehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	63
rehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	34738
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36612
ehDyn AutoCntrHiSpd M str.Timer1 mS u32	2967684784
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
	1988.80005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1221222
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000641999999
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.400024
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000276000006
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	78.3000031
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	226.800003
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	2.29999995
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	75.8000031
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	20423
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	31368
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2138628886
ehDyn AutoCntrLoSpd M str.Timer2 mS u32	2967684784

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Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.399994
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.37999983e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000853999984
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	878.34198
VehDyn_MinOffset_HwDeg_M_f32	-757.385986
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.4000001
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000423999998
VehDyn_SLPHwAuth_Uls_M_f32	0.640999973
VehDyn_SLPHwPos_HwDeg_M_f32	-542.630005
k_HiSpdVDAuthority_Uls_f32	0.300000012
k_LoSpdVDAuthority_UIs_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	45.099985
k_TravelXCDeadband_Uls_f32	64.1500015
k_TravelXCHwAuthority_Uls_f32	0.140349999
target_DtrmnElapsedTime_mS_u32_ElapsedTime	812314880
target_GetSystemTime_mS_u32_CurrentTime	1117112832
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-799.630005
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1405.37402
target_VehDyn_Per1_HwTorque_HwNm_f32.value	6.4000001
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	154.539993
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-753.080017
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.8999998
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	126.220001
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4004004657
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1950.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.3999 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1117112832
	1024
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.80005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.80005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.80005 ± 0.009 753.400024 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1988.80005 ± 0.009 753.400024 ± 0.0009 0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1988.80005 ± 0.009 753.400024 ± 0.0009 0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1988.80005 ± 0.009 753.400024 ± 0.0009 0 1
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1988.80005 ± 0.009 753.400024 ± 0.0009 0 1 1 0 2138628886 2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.80005 ± 0.009 753.400024 ± 0.0009 0 1 1 0 2138628886 2967684784 456.399994 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.80005 ± 0.009 753.400024 ± 0.0009 0 1 1 0 2138628886 2967684784 456.399994 ± 0.0009 -3200 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1988.80005 ± 0.009 753.400024 ± 0.0009 0 1 1 0 2138628886 2967684784 456.399994 ± 0.0009 -3200 ± 0.009 1
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1988.80005 ± 0.009 753.400024 ± 0.0009 0 1 1 0 2138628886 2967684784 456.399994 ± 0.0009 -3200 ± 0.009 1 0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1988.80005 ± 0.009 753.400024 ± 0.0009 0 1 1 0 2138628886 2967684784 456.399994 ± 0.0009 -3200 ± 0.009 1 0 0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1988.80005 ± 0.009 753.400024 ± 0.0009 0 1 1 1 0 2138628886 2967684784 456.399994 ± 0.0009 -3200 ± 0.009 1 0 0 1
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1988.80005 ± 0.009 753.400024 ± 0.0009 0 1 1 1 0 2138628886 2967684784 456.399994 ± 0.0009 -3200 ± 0.009 1 0 0 1 1 1
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	1988.80005 ± 0.009 753.400024 ± 0.0009 0 1 1 1 0 2138628886 2967684784 456.399994 ± 0.0009 -3200 ± 0.009 1 0 0 1 1 1 1
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	1988.80005 ± 0.009 753.400024 ± 0.0009 0 1 1 1 0 2138628886 2967684784 456.399994 ± 0.0009 -3200 ± 0.009 1 0 0 1 1 1 1 1
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	1988.80005 ± 0.009 753.400024 ± 0.0009 0 1 1 1 0 2138628886 2967684784 456.399994 ± 0.0009 -3200 ± 0.009 1 0 0 1 1 1 1





Name	Expected Value
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.39501476 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.300000012 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1506.47998 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.106 (Repeat Count = 1)	
lame	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
etSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
te_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn AllowHiSpdAutoCntr Cnt M Igc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	44.4000015
ehDyn AutoCntrDetSpd M str.VehSpd kph f32	166.399994
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.4000001
ehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	12.399996
ehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	5235
ehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	27074
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631
ehDyn AutoCntrDetSpd M str.Timer2 mS u32	2760420810
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	148.199997
ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	3.54000008e-006
ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1438.5
ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000855999999
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	96
	186.399994
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	7
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	88.1999969
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	26195
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	22037
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3174948759
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.19995
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000644000014
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.5
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000280000007
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	88.3000031
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	236.300003
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.30000019
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	97.3000031
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	7034
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	39056
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2345892861
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948759
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.5
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.3999998e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	3200
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000855999999
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_HiSpdLearnt_Cnt_M_lgc	0
ehDyn_Initialize_Cnt_M_lgc	0
ehDyn_LoSpdLearnt_Cnt_M_lgc	0
ehDyn_MaxOffset_HwDeg_M_f32	883.333984
ehDyn_MinOffset_HwDeg_M_f32	-750.702026

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Name	Input Value
VehDyn PinTrqSV M str.SV Uls f32	7.5999999
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000425000006
VehDyn_SLPHwAuth_Uls_M_f32	0.657999992
VehDyn_SLPHwPos_HwDeg_M_f32	-532.369995
k HiSpdVDAuthority UIs f32	1
k LoSpdVDAuthority Uls f32	0
k SysKinRatio MtrDegpHwDeg f32	78.3000031
k_TravelXCDeadband_Uls_f32	63.1199989
	0.141574994
k_TraveIXCHwAuthority_UIs_f32	
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3345084416
target_GetSystemTime_mS_u32_CurrentTime	1736795392
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-793.369995
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1399.80505
target_VehDyn_Per1_HwTorque_HwNm_f32.value	6.5999999
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	456.040009
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.19999981
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	354.98999
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	148.199997 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1736795392
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.5 ± 0.009
VehDyn AutoCntrHiSpd M str.Filter1Enable Cnt Igc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1736795392
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	3200 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1399.80505
VehDyn_MinOffset_HwDeg_M_f32	-793.369995
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.59961939 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.657999992 ± 0.004

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

VehDyn_Per1



T+ 0+ 0 407 (D+ 0+ -4)	
Test Step 2.107 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	96.0999985
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	176.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.0999999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	53.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	29076
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	43868
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.099976
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.5499997e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.40002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000858000014
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	100.199997
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	196
VehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	5.4000001
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	75
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	43190
VehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	3186
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3382212733
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	1078320779
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.6001
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000645999971
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.19995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000284000009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	94.1999969
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	246.199997
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.19999981
VehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	86.1999969
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27401
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	2553156835
VehDyn AutoCntrLoSpd M str.Timer1_mS_u32 VehDyn AutoCntrLoSpd M str.Timer2 mS u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.Timerz_mS_usz VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.3999
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV_HwDeg_str.Sv_Uis_f32 VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	
, = , = = = = = = = = = = = = = = = = =	6.42000014e-005 0
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	0.000858000014
VehDyn_AutoCntrl_oSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-787.109985
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1394.23596
target_VehDyn_Per1_HwTorque_HwNm_f32.value	6.80000019
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1253
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-2500.13989
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.39999962
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	452.359985
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	3437401088
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.099976 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.40002 ± 0.009
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	0
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	0
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	0
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.6001 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.3999 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0 ± 0.000009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1394.23596
VehDyn_MinOffset_HwDeg_M_f32	-787.109985
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.50222075 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.675000012 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-522.109985 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.108 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	100.300003	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	186.300003	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.3000002	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.3000031	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	32821	

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	53946
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1885.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.5600001e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000859999971
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	206.199997
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	3
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	97.4000015
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	30404
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	30349
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000647999987
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.09998
	0.00028800001
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0 1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	126.300003
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	123.300003
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.3000002
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	42.2999992
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.44000029e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1440.88
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000859999971
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	1
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	1
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn MaxOffset HwDeg M f32	893.317993
VehDyn_MinOffset_HwDeg_M_f32	-737.333984
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-1.6000002
VehDyn_PinTrqSV_M_str.K_UIs_f32	0.00426999992
VehDyn_SLPHwAuth_Uls_M_f32	0.691999972
VehDyn_SLPHwPos_HwDeg_M_f32	-511.850006
k_HiSpdVDAuthority_UIs_f32	1
k_LoSpdVDAuthority_UIs_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	32.0999985
k_TravelXCDeadband_Uls_f32	61.0600014
k_TraveIXCHwAuthority_UIs_f32	0.144024998
target_DtrmnElapsedTime_mS_u32_ElapsedTime	662694400
target_GetSystemTime_mS_u32_CurrentTime	3494315776
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-780.849976
	1388.66699
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	7
target_VehDyn_Per1_HwTorque_HwNm_f32.value	
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.98999





Name	Input Value
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	2600.1499
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	423.769989
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1885.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3494315776
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3494315776
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1440.88 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-1211.48303
VehDyn_MinOffset_HwDeg_M_f32	-737.333984
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-1.59626257 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.691999972 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-511.850006 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.109 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	124.199997	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	196.199997	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.2000008	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.1999969	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	40437	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	13059	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	109643620	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.1001	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.5699999e-006	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	142.399994	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000861999986	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1	

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	78.1999969
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	216
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	1.5
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.1999969
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	10412
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3277
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000650000002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.1001
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000292000012
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	124.5
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	125.5
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.5
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.5
VehDyn_AutoCntrl_oSpd_M_str.Timer1Thresh_mS_u16	34738
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36612
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2800.3999 6.45999971e-005
VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.K_Uis_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uis_f32	-1200.56006
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV_HwDeg_str.Sv_Ois_i32	0.000861999986
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn Initialize Cnt M Igc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-898.309998
VehDyn MinOffset HwDeg M f32	-730.650024
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-14.8000002
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000427999999
VehDyn_SLPHwAuth_Uls_M_f32	0.708999991
VehDyn_SLPHwPos_HwDeg_M_f32	-501.589996
k_HiSpdVDAuthority_UIs_f32	0
k LoSpdVDAuthority Uls f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	52.4000015
k_TravelXCDeadband_Uls_f32	60.0299988
k_TravelXCHwAuthority_Uls_f32	0.145249993
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2303132928
target_GetSystemTime_mS_u32_CurrentTime	463842816
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-774.590027
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1383.09802
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7.19999981
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-456
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-2400.15991
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	62.1100006
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	463842816
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.1001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	142.399994 ± 0.0009
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Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.1001 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.3999 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1200.56006 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-898.309998
VehDyn_MinOffset_HwDeg_M_f32	1625.56995
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.7905378 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.708999991 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-501.589996 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	66.0999985
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	176.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.0999999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	10.1000004
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	52282
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.58000011e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51000006e-006
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	88.1999969
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	156.5
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2.20000005
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	42
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	16683
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	22497
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004657
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1950.19995
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000652000017
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000296000013
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	456.399994
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	32.4000015
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.3999996
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	53.4000015
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	37799
VehDyn_AutoCntrl_oSpd_M_str.Timer2Thresh_mS_u16	41632 3174948759
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.09998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.47999987e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.200012
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51000006e-006
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn LoSpdLearnt Cnt M Igc	0
VehDyn MaxOffset HwDeg M f32	-903.302002
VehDyn MinOffset HwDeg M f32	-723.966003
VehDyn_PinTrqSV_M_str.SV_Uls_f32	17.7999992
VehDyn PinTrqSV M str.K Uls f32	0.000429000007
VehDyn_SLPHwAuth_Uls_M_f32	0.726000011
VehDyn_SLPHwPos_HwDeg_M_f32	-491.329987
k_HiSpdVDAuthority_UIs_f32	1
k_LoSpdVDAuthority_UIs_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	10.1000004
k TravelXCDeadband Uls f32	59
k TravelXCHwAuthority Uls f32	0.146475002
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4129141760
target_GetSystemTime_mS_u32_CurrentTime	1759885568
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-768.330017
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1377.52905
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7.4000001
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1199
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	2800.25
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	123.75
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1759885568
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1950.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.30005 ± 0.009
VehDyn_AutoCntrlliSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	0
VehDyn_AutoCntrl oSpd_M_str.Filter2Initialized_Cnt_lgc	1 1759885568
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	

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Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.200012 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1377.52905
VehDyn_MinOffset_HwDeg_M_f32	-768.330017
VehDyn_PinTrqSV_M_str.SV_Uls_f32	17.7951984 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.726000011 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-491.329987 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M Igc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	34.2999992
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	186.300003
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.30000019
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	25.2999992
/ehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	20423
/ehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	31368
/ehDyn AutoCntrDetSpd M str.Timer1 mS u32	164464918
/ehDyn AutoCntrDetSpd M str.Timer2 mS u32	328928812
/ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	2800.1001
/ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	3.59000001e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.59998
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584798
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	0
/ehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt lgc	0
/ehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt lgc	1
/ehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	94.5
/ehDyn AutoCntrHiSpd M str.VehSpd kph f32	166
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4
/ehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	12.1999998
/ehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	5235
/ehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	27074
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4211268631
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420810
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	148.199997
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000653999974
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1438.09998
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000300000014
/ehDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	0
/ehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	566.5
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	124.5
/ehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	18.5
/ehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	86.5
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	8366
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	51002
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3382212733
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004657

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Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.200012
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.50000002e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	95.8000031
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584798
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	908.294006
VehDyn_MinOffset_HwDeg_M_f32	-717.281982
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-7
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000429999985
VehDyn_SLPHwAuth_Uls_M_f32	0.742999971
VehDyn_SLPHwPos_HwDeg_M_f32	-481.070007
k_HiSpdVDAuthority_Uls_f32	0.100000001
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	25.2999992
k_TravelXCDeadband_Uls_f32	57.9700012
k_TravelXCHwAuthority_UIs_f32	0.147699997
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2836768512
target_GetSystemTime_mS_u32_CurrentTime	1662097408
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-762.070007
target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value	1371.95996 7.599999
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1299.98999
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1438.64001
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.80000019
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	56.6599998
Name	Expected Value
	1
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	164464918
VehDyn_AutoCntrDetSpd_M_str.Timer1_m3_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	328928812
VehDyn AutoCntrDetSpd_M_str.RelHwPosFilt1SV HwDeg str.SV Uls f32	2800.1001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.59998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt Igc	0
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	0
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt lgc	1
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	1662097408
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	2760420810
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	148.199997 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.09998 ± 0.009
VehDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.200012 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	95.8000031 ± 0.00009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
Valabour High all a sout Out M. Inc.	
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1 1
VehDyn_Initialize_Cnt_M_lgc	1





Name	Expected Value
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-6.9935894 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.100000001 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-0.540000021 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

lame	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	498.100006
	156.100006
/ehDyn_AutoCotrDetSpd_M_str.VehSpd_kph_f32	3.0999999
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	52.0999985
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21335
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	34188
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.200012
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.599999e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.5
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000566000002
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	66
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	18
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10.1999998
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	88
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	30404
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	30349
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.5
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000655999989
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.09998
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000303999986
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	66.4000015
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	116.400002
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.3999996
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	54.4000015
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53759
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	18715
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420810
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.1001
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.52000017e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.200012
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000566000002
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1.
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc	1
ehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
ehDyn_HiSpdLearnt_Cnt_M_lgc	0
/ehDyn_Initialize_Cnt_M_lgc	1
/ehDyn_LoSpdLearnt_Cnt_M_lgc	0
/ehDyn_MaxOffset_HwDeg_M_f32	913.286011
/ehDyn MinOffset HwDeg M f32	-710.598022





Name	Input Value
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60000002
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000430999993
VehDyn SLPHwAuth Uls M f32	0.75999999
VehDyn_SLPHwPos_HwDeg_M_f32	-470.809998
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	75.5
k_TravelXCDeadband_Uls_f32	56.9399986
k_TravelXCHwAuthority_UIs_f32	0.148925006
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3714197504
target_GetSystemTime_mS_u32_CurrentTime	2075080192
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-755.809998
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1366.39099
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7.80000019
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	2800.93994
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.9000001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	230.110001
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.200012 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	2075080192
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.5 ± 0.009
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1988.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	0
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2075080192
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.1001 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.200012 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-1434.54895
VehDyn_MinOffset_HwDeg_M_f32	
Valabora Dia Tarovy M. ata ovy III.a. foo	-710.598022
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-710.598022 -1.59597659 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte Call VehDyn Per1 CP1 CheckpointReached	1



Test Step 2.113 (Repeat Count = 1) Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	2.5
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	196.5
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	6.5 86.5
VenDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	7034
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	39056
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	219286216
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	383750110
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.30005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.61000002e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.59998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000858000014
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	126.199997
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	176.5
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	6
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53.2000008 29076
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	43868
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.200012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000658000004
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.09998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000307999988
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	600.200012
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	84.1999969
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.19999981
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.1999969
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3658 5853
VehDyn_AutoChtrLoSpd_M_str.Timer1_mS_u32	0
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	4211268631
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1988.19995
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	6.54000032e-005
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1438.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000858000014
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1-
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-918.278015 703.014004
VehDyn_MinOffset_HwDeg_M_f32	-703.914001 6.3000019
VehDyn_PinTrqSV_M_str.SV_Uls_f32 VehDyn_PinTrqSV_M_str.K_Uls_f32	6.3000019 0.000432000001
VenDyn_PintrqSv_M_sir.k_ois_132 VenDyn_SLPHwAuth_Uls_M_f32	0.000432000001
VenDyn_SLPHwPos_HwDeg_M_f32	-460.549988
k_HiSpdVDAuthority_Uls_f32	1
k LoSpdVDAuthority Uls f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	86.0999985
k_TravelXCDeadband_Uls_f32	55.9099998
k_TravelXCHwAuthority_Uls_f32	0.150150001
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2478427648
	2427466200
target_GetSystemTime_mS_u32_CurrentTime	2127166208

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-749.549988
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1360.82202
target_VehDyn_Per1_HwTorque_HwNm_f32.value	8
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-147.880005
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	753.849976
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	3.20000005
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	42.4500008
Name	Expected Value
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	219286216
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	383750110
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1438.30005 ± 0.009
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1482.59998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	1
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	0
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2127166208
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2127166208
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-918.278015
VehDyn_MinOffset_HwDeg_M_f32	-703.914001
VehDyn_PinTrqSV_M_str.SV_UIs_f32	6.30075026 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.77700001 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-460.549988 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.114 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	120.199997
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	206.199997
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.19999981

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	56.2000008
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27401
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.200012
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.61999992e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000859999971
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	186
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.5
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	32821
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	53946
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1885.69995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00066000002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.09998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000311999989
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	10.3999996
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	64.4000015
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.400001
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	45.4000015
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	29076
VehDyn_AutoCntrloSpd_M_str.Timer2Thresh_mS_u16	43868 4294967295
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2160073393
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.09998
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	6.55999975e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.799988
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000859999971
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt lgc	0
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	0
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	923.27002
VehDyn_MinOffset_HwDeg_M_f32	-697.22998
VehDyn_PinTrqSV_M_str.SV_UIs_f32	15.1999998
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000433000008
VehDyn_SLPHwAuth_Uls_M_f32	0.79400003
VehDyn_SLPHwPos_HwDeg_M_f32	-450.290009
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_UIs_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	56.0999985
k_TravelXCDeadband_Uls_f32	54.8800011
k_TravelXCHwAuthority_UIs_f32	0.151374996
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4180236544
target_GetSystemTime_mS_u32_CurrentTime	4243378688
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_venDyn_VenDyn_Per1_SensoriessAuthority_Uis_132 target_Rte_Inst_Ap_vehDyn.VehDyn_Per1_SensoriessHwPos_HwDeg_f32	target_VenDyn_Per1_SensoriessAutnority_Uis_132 target_VenDyn_Per1_SensoriessHwPos_HwDeg_f32
target_Rte_Inst_Ap_vehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target VehDyn Per1 TorqueCmdCRF MtrNm f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_venbyn_ren_ronduechndckr_minnin_isz
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_vehibyn_Per1_vehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-743.289978

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Name	Input Value
target_VehDyn_Per1_HwTorque_HwNm_f32.value	8.19999981
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	88
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-2000.34998
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.4000001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	52.9799995
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4243378688
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.200012 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.5 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1885.69995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4294967295
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2160073393
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.799988 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1355.25305
VehDyn_MinOffset_HwDeg_M_f32	-743.289978
VehDyn_PinTrqSV_M_str.SV_Uls_f32	15.1969271 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.79400003 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-450.290009 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte Call VehDyn Per1 CP1 CheckpointReached	1

Test Step 2.115 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	66.099985
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	216.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	54.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53759
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	18715
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.30005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.63000004e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.600006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000861999986
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	456.200012
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	196.199997
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18.2000008
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.5
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	40437
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	13059
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	109643620
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1887.40002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000661999977
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	142.199997
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000315999991
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	56.1199989
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	52.1199989
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.1200008
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	78.1200027
VehDyn_AutoCntrloSpd_M_str.Timer1Thresh_mS_u16	32821
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	53946
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322 1991.19995
VehDyn_AutoCntrl_oSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	6.5799999e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32	-1988,19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000861999986
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0.000601999960
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn Initialize Cnt M Igc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-928.262024
VehDyn MinOffset HwDeg M f32	-690.546021
VehDyn_PinTrqSV_M_str.SV_Uls_f32	14
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000433999987
VehDyn_SLPHwAuth_Uls_M_f32	0.81099999
VehDyn_SLPHwPos_HwDeg_M_f32	-440.029999
k_HiSpdVDAuthority_Uls_f32	1
k LoSpdVDAuthority Uls f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	54.4000015
k_TravelXCDeadband_Uls_f32	53.8499985
k_TravelXCHwAuthority_Uls_f32	0.152600005
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3368466432
target_GetSystemTime_mS_u32_CurrentTime	1050692864
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-737.030029
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1349.68396
target_VehDyn_Per1_HwTorque_HwNm_f32.value	8.3999962
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-75.5500031
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1900.64001
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	128.880005
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.600006 ± 0.0009
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1





Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1050692864
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1887.40002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	142.199997 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1050692864
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1349.68396
VehDyn_MinOffset_HwDeg_M_f32	-737.030029
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.9976301 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.81099999 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-440.029999 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.116 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	34.2999992
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	226.300003
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.3000002
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	85.3000031
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13352
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	14442
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	383750110
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.63999993e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000864000001
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	566
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	206
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	45
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2291
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58929
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	164464918
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1753.90002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000663999992
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.19995

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000319999992
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	86.2200012
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	34.2200012
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.2200003
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.2200012
VehDyn_AutoCntrl_sCod_M_str.Timer1Thresh_mS_u16	40437
VehDyn_AutoCntrl_oSpd_M_str.Timer2Thresh_mS_u16	13059 274107514
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.09998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.60000005e-005
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1988.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000864000001
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	933.254028
VehDyn_MinOffset_HwDeg_M_f32	-683.862
VehDyn_PinTrqSV_M_str.SV_Uls_f32	8.89999962
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000434999994
VehDyn_SLPHwAuth_Uls_M_f32	0.828000009
VehDyn_SLPHwPos_HwDeg_M_f32	-429.769989
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_UIs_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	85.4000015
k_TravelXCDeadband_Uls_f32	52.8199997
k_TraveIXCHwAuthority_UIs_f32	0.153825
target_DtrmnElapsedTime_mS_u32_ElapsedTime	170564352
target_GetSystemTime_mS_u32_CurrentTime	3039943680
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target Rte Inst Ap VehDyn.VehDyn Per1 MotorVelCRF MtrRadpS f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessAuthority Uls f32	target VehDyn Per1 SensorlessAuthority Uls f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target VehDyn Per1 TorqueCmdCRF MtrNm f32
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeedValid Cnt Igc	target VehDyn Per1 VehicleSpeedValid Cnt Igc
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-730.77002
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1344.11499
target_VehDyn_Per1_HwTorque_HwNm_f32.value	8.60000038
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	154
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1900.87
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.5
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	139.330002
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3039943680
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	164464918
	3589476708
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4750 00000 + 0 000
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1753.90002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	-1900.19995 ± 0.009 0
VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc	-1900.19995 ± 0.009 0 1
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	-1900.19995 ± 0.009 0

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Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	933.254028
VehDyn_MinOffset_HwDeg_M_f32	1170.09998
VehDyn_PinTrqSV_M_str.SV_Uls_f32	8.89987755 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.828000009 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-429.769989 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

lame	Input Value
trmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
etSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
tte Inst Ap VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn AllowHiSpdAutoCntr Cnt M Igc	1
ehDyn_AllownispuAutoCntt_Cnt_w_gc ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	2.2999995
ehDyn AutoCntrDetSpd M str.VehSpd kph f32	236.300003
ehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	14.3000002
ehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	96.3000031
ehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	21364
ehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	52716
ehDyn AutoCntrDetSpd M str.Timer1 mS u32	2138628886
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1991.30005
ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	3.65000005e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.6001
ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000866000017
ehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1
ehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	1
ehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt lgc	1
ehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	0
ehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	71
ehDyn AutoCntrHiSpd M str.VehSpd kph f32	216.199997
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18.5
ehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	78.1999969
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	38868
ehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	57944
ehDyn AutoCntrHiSpd M str.Timer1 mS u32	219286216
ehDyn AutoCntrHiSpd M str.Timer2 mS u32	3796740682
ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	935.200012
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000666000007
ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1482.19995
ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000323999993
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	1
ehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	75.3000031
ehDyn AutoCntrLoSpd M str.VehSpd kph f32	18.2999992
ehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	12.3000002
ehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	32.2999992
ehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	2291
ehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	58929
ehDyn AutoCntrLoSpd M str.Timer1 mS u32	219286216
ehDyn AutoCntrLoSpd M str.Timer2 mS u32	4294967295

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Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.6200002e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000866000017
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	938.245972
VehDyn_MinOffset_HwDeg_M_f32	-677.177979
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.8999996
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000436000002
VehDyn_SLPHwAuth_Uls_M_f32	0.845000029
VehDyn_SLPHwPos_HwDeg_M_f32	-419.51001
k_HiSpdVDAuthority_Uls_f32	0.300000012
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	96.5
k_TravelXCDeadband_Uls_f32	51.7900009
k_TravelXCHwAuthority_UIs_f32	0.155049995
target_DtrmnElapsedTime_mS_u32_ElapsedTime	625668608
target_GetSystemTime_mS_u32_CurrentTime	1316564736
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-724.51001
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1338.54602
target_VehDyn_Per1_HwTorque_HwNm_f32.value	8.8000019
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.549988
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1482.84998
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.60000002
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	387.440002
Name	Expected Value
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	3382212733
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1991.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.6001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_Igc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1316564736
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	935.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1316564736
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4294967295
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	I.A.
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
	0
VehDyn_Initialize_Cnt_M_lgc	0 1
VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	0 1 0
VehDyn_Initialize_Cnt_M_lgc	0 1

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Name	Expected Value
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.897769 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.845000029 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-419.51001 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target Rte Inst Ap VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M Igc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	120.099998
/ehDyn AutoCntrDetSpd M str.VehSpd kph f32	246.100006
/ehDyn AutoCntrDetSpd M str.FiltPinTrq HwNm f32	16.1000004
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	32.0999985
/ehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	33198
/ehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	7778
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892861
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3589476708
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV HwDeg_str.SV Uls_f32	2600.19995
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.65999995e-006
/ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-2400.5
/ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000867999974
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0.000607999974
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
7 - 7 - 2	10.1999998
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	226.5
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	8.19999981
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53970
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52282
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	274107514
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004657
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888.5
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000668000022
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.19995
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000327999995
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	98.4000015
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	88.4000015
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.3999996
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.4000015
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	38868
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	57944
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	274107514
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.09998
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.64000036e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2000.5
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000867999974
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_HiSpdLearnt_Cnt_M_lgc	1
/ehDyn_Initialize_Cnt_M_lgc	0
/ehDyn_LoSpdLearnt_Cnt_M_lgc	1

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Name	Input Value
VehDyn_MaxOffset_HwDeg_M_f32	943.237976
VehDyn MinOffset HwDeg M f32	-670.494019
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.80000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00043700001
VehDyn SLPHwAuth Uls M f32	0.861999989
VehDyn SLPHwPos HwDeg M f32	-409.25
k_HiSpdVDAuthority_UIs_f32	0.40000006
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	32.099985
k TravelXCDeadband Uls f32	50.7599983
k TravelXCHwAuthority Uls f32	0.156275004
target DtrmnElapsedTime mS u32 ElapsedTime	1711664384
target_GetSystemTime_mS_u32_CurrentTime	2075080192
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target VehDyn Per1 CwEOT HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target VehDyn Per1 SensorlessAuthority Uls f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeedValid Cnt Igc	target VehDyn Per1 VehicleSpeedValid Cnt Igc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-718.25
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1332.97705
target_VehDyn_Per1_HwTorque_HwNm_f32.value	9
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	-1253
target VehDyn Per1 RelHwPos HwDeg f32.value	-753
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	398.850006
Name	Expected Value
	· ·
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892861
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2075080192
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888.5 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1 0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1 0 274107514
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1 0 274107514 2553156835
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1 0 274107514 2553156835 -1900.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1 0 274107514 2553156835 -1900.09998 ± 0.009 -2000.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1 0 274107514 2553156835 -1900.09998 ± 0.009 -2000.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1 0 274107514 2553156835 -1900.09998 ± 0.009 -2000.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1 0 274107514 2553156835 -1900.09998 ± 0.009 -2000.5 ± 0.009 1 0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1 0 274107514 2553156835 -1900.09998 ± 0.009 -2000.5 ± 0.009 1 0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	1 0 274107514 2553156835 -1900.09998 ± 0.009 -2000.5 ± 0.009 1 0 0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	1 0 274107514 2553156835 -1900.09998 ± 0.009 -2000.5 ± 0.009 1 0 0 1 1 1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	1 0 274107514 2553156835 -1900.09998 ± 0.009 -2000.5 ± 0.009 1 0 0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	1 0 274107514 2553156835 -1900.09998 ± 0.009 -2000.5 ± 0.009 1 0 0 1 1 1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	1 0 274107514 2553156835 -1900.09998 ± 0.009 -2000.5 ± 0.009 1 0 0 1 1 1 1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	1 0 274107514 2553156835 -1900.09998 ± 0.009 -2000.5 ± 0.009 1 0 0 1 1 1 1 1332.97705
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	1 0 274107514 2553156835 -1900.09998 ± 0.009 -2000.5 ± 0.009 1 0 0 1 1 1 1 1332.97705 -718.25

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1



Test Step 2.119 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1 0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	52.5
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.5
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	42.5
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	49475
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	38708
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.67000007e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.6001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000869999989
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc	0 56.5
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	236.199997
VehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	4.1999981
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32.2000008
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20423
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	31368
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	425.200012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000669999979
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000331999996
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	66.1999969 76.1999969
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	2.20000005
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	10.1999998
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52282
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.59998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.65999978e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.09998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000869999989
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrl_oCod_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lqc	0 0
VehDyn_Initialize_Cnt_M_igc VehDyn_LoSpdLearnt_Cnt_M_igc	0
VehDyn_MaxOffset_HwDeg_M_f32	948.22998
VehDyn_MinOffset_HwDeg_M_f32	-663.809998
VehDyn_PinTrqSV_M_str.SV_UIs_f32	3.20000005
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000437999988
VehDyn_SLPHwAuth_Uls_M_f32	0.879000008
VehDyn_SLPHwPos_HwDeg_M_f32	-398.98999
k_HiSpdVDAuthority_Uls_f32	0.5
k_LoSpdVDAuthority_UIs_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	52.0999985
k_TravelXCDeadband_Uls_f32	49.7299995
k_TravelXCHwAuthority_Uls_f32	0.157499999
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1568734208
target_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	954802432 target_VehDyn_Per1_CcwEOT_HwDeg_f32

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-711.98999
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1327.40796
target_VehDyn_Per1_HwTorque_HwNm_f32.value	9.19999981
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.109985
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	456.640015
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-7.30000019
target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	489.769989
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	2760420810
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	54822322
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.6001 ± 0.009
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	1
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	954802432
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	425.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	954802432
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.59998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1327.40796
VehDyn_MinOffset_HwDeg_M_f32	-711.98999
VehDyn_PinTrqSV_M_str.SV_Uls_f32	3.20256662 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.879000008 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-398.98999 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.120 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	700	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	216.100006	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.1000004	

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	12.1000004
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	43128
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58869
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.6001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.6799996e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000872000004
VehDyn_AutoCotrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0 0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	246.199997
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.2000008
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	52
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	7034
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	39056
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	383750110
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2160073393
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.40002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000671999995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000335999997
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	34.0999985
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	86.0999985
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.099999
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	25.1000004
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	20423
VehDyn_AutoCntrloSpd_M_str.Timer2Thresh_mS_u16	31368 164464918
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	328928812
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.5
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	6.67999993e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000872000004
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt lgc	0
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-953.221985
VehDyn_MinOffset_HwDeg_M_f32	-657.125977
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.4000001
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000438999996
VehDyn_SLPHwAuth_Uls_M_f32	0.896000028
VehDyn_SLPHwPos_HwDeg_M_f32	-388.730011
k_HiSpdVDAuthority_Uls_f32	0.200000003
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	41.5400009
k_TravelXCDeadband_Uls_f32	48.7000008
k_TravelXCHwAuthority_Uls_f32	0.158724993
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4195077888
target_GetSystemTime_mS_u32_CurrentTime	2728878080
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_venDyn.VenDyn_Per1_SensoriessAutnority_Uis_132 target_Rte_Inst_Ap_vehDyn.VehDyn_Per1_SensoriessHwPos_HwDeg_f32	target_VenDyn_Per1_SensoriessAutnonty_Uis_r32 target_VehDyn_Per1_SensoriessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VenDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
J	J
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-705.72998





Name	Input Value
target_VehDyn_Per1_HwTorque_HwNm_f32.value	9.39999962
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1100
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-2500.82007
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.29999995
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	500.049988
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.6001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2728878080
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2160073393
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.40002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	164464918
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	328928812
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.5 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-953.221985
VehDyn_MinOffset_HwDeg_M_f32	1795.08997
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.39348888 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.200000003 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte Call VehDyn Per1 CP1 CheckpointReached	1

Test Step 2.121 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	182.5
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	156.5
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.5
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	53.5299988
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53759
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	18715
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.69000009e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.400024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000874000019
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	75.1999969
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	52.5
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	41.2000008
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	26195
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	22037
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00067400001
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	-1438.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000339999999
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1 0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	2.20000005
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	96.1999969
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.1999981
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.1999969
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	7034
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	39056
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	383750110
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.600006
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.70000009e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000874000019
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	958.213989 -650.442017
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.5999999
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000440000003
VehDyn SLPHwAuth Uls M f32	0.912999988
VehDyn SLPHwPos HwDeg M f32	-378.470001
k_HiSpdVDAuthority_Uls_f32	1
k LoSpdVDAuthority Uls f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	63.5
k_TravelXCDeadband_Uls_f32	47.6699982
k_TravelXCHwAuthority_Uls_f32	0.159950003
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2339853824
target_GetSystemTime_mS_u32_CurrentTime	824746752
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-699.469971 4346.37003
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1316.27002
target_VehDyn_Per1_HwTorque_HwNm_f32.value	9.6000038
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1235.10999 2600.13989
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	5.5999999
target_venbyn_Per1_TorqueCridCRP_Mithth_isz.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0.0999999
target_venDyn_Per1_venicleSpeedvalid_Cnt_igc.value	499.980011
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VenDyn_AllowHiSpdAutoCntr_Cnt_M_igc VenDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.Timer1_m5_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
	-1438.5 ± 0.009
VehDyn AutoCntrDetSpd M str RelHwPosEilt1SV HwDea str SV Tils 132	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.400024 ± 0.0009





Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	824746752
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	824746752
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	383750110
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.600006 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-1283.87
VehDyn_MinOffset_HwDeg_M_f32	-650.442017
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.60091877 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.912999988 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-378.470001 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.122 (Repeat Count = 1)	
lame	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	202.5
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	0
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.10000038
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.0999985
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13352
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	14442
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1078320779
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.599976
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.69999998e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.40002
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	1.70000007e-007
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	98
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	34.2000008
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	12.5
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	63
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	43190
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3186
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2345892861
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.09998
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000676000025
ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	753.5

2014-09-19, 20:09:35+0530



Westing	Name	Input Value
Verbiller, Auschanfolder, M. as Fire-Endeske Chill. 1 Verbiller, Auschanfolder, M. as Fire-Endeske Chill. 2 Verbiller, Auschanfolder, M. as Fire-Endeske Chill. 2 Verbiller, Auschanfolder, M. as Fire-Endeske Chill. 2 Verbiller, Auschanfolder, M. as Fire-Endeske Chill. 2 Verbiller, Auschanfolder, M. as Fire-Endeske Chill. 2 Verbiller, Auschanfolder, M. as Fire-Endeske Chill. 2 Verbiller, Auschanfolder, M. as Fire-Endeske Chill. 2 Verbiller, Auschanfolder, M. as Fire-Endeske Chill. 2 Verbiller, Auschanfolder, M. as Fire-Endeske Chill. 2 Verbiller, Auschanfolder, M. as Fire-Endeske Chill. 2 Verbiller, Auschanfolder, M. as Fire-Endeske Chill. 2 Verbiller, Auschanfolder, M. as Fire-Endeske Chill. 2 Verbiller, Auschanfolder, M. as Fire-Endeske, Chill. 2 Verbiller, Auschanfolder, M. as Fire-Endesk		
Verbin, Auto-Christopd M., Piller Fillander, C. Fu, po Verbin Auto-Christopd M. Piller Fillander, C. Fu, po Verbin Auto-Christopd M. Piller Fillander, C. Fu, po Verbin Auto-Christopd M. Piller Fillander, Verbin 20 Verbin Auto-Christopd M. Pillander, Verbin 20 Verbin Millander, Verb		0
VenDry AuthOriticity of AuthOriticity	VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
Vestion AutoContection of the state Value Resign (12 10,000033	VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
Vestion_AutoContesting_III_Aut	VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
Veltory, Autocretosipo M. se Derivatory, Harden, 122 Veltory, Autocretosipo M. se Trentificate m. di 16 Veltory, Autocretosipo M. se Trentificate m. di 16 Veltory, Autocretosipo M. se Trentificate m. di 16 Veltory, Autocretosipo M. se Trentificate m. di 16 Veltory, Autocretosipo M. se Trentificate m. di 16 Veltory, Autocretosipo M. se Trentificate m. di 16 Veltory, Autocretosipo M. se Trentificate M. del 18 Veltory, Autocretosipo M. se Trentificate M. del 18 Veltory, Autocretosipo M. se Trentificate M. del 18 Veltory, Autocretosipo M. se Trentificate M. del 18 Veltory, Autocretosipo M. se Trentificate M. del 18 Veltory, Autocretosipo M. se Trentificate Onligo Veltor		120.300003
Washing Authorities (pig. M. ya Trent Printer (m. ya 16)		
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Verbing AutoCont.Sept M_st. Retherboralitisty Mobel _ str. Vull. p. 22		
VenDyn, AutoCents Spp Mis Reshwors F1829 V Hose 22		
VenDry, AutComits Sign M, set Pilled Florable Crit Igo VenDry, AutComits Sign M, set Pilled Florable Crit Igo VenDry, AutComits Sign M, set Pilled Florable Crit Igo VenDry, Hispothaem Cort M, Igo VenDry, Hispothaem Cort M, Igo VenDry, Hispothaem Cort M, Igo VenDry, Hispothaem Cort M, Igo VenDry, Hispothaem Cort M, Igo VenDry, Hispothaem Cort M, Igo VenDry, Hispothaem Cort M, Igo VenDry, Hispothaem Cort M, Igo VenDry, Minother Lyndeg, M, ISD VenDry, Minother Lyndeg, M, ISD VenDry, Minother Lyndeg, M, ISD VenDry, Pilled M, Iso VenDry, Minother Lyndeg, M, ISD VenDry, Pilled M, Iso VenDry, Nicht M, Iso VenDry, Nicht M, Iso VenDry, Nicht M, Iso VenDry, SI-Pharber, Huber, M, ISD VenDry, SI-Pharber, Huber, M, ISD VenDry, SI-Pharber, Huber, M, ISD VenDry, SI-Pharber, Huber, M, ISD VenDry, SI-Pharber, Huber, M, ISD VenDry, SI-Pharber, Huber, M, ISD VenDry, SI-Pharber, Huber, M, ISD VenDry, SI-Pharber, Huber, M, ISD VenDry, SI-Pharber, Huber, M, ISD VenDry, SI-Pharber, Huber, M, ISD VenDry, SI-Pharber, Huber, M, ISD VenDry, SI-Pharber, Huber, M, ISD VenDry, SI-Pharber, Huber, M, ISD VenDry, SI-Pharber, Huber, M, ISD VenDry, SI-Pharber, Huber, M, ISD VenDry, SI-Pharber, Huber, M, ISD VenDry, WenDry, M, ISD VenDry, WenDry, M, ISD VenDry, WenDry, M, ISD VenDry, WenDry, M, ISD VenDry, WenDry, M, ISD VenDry, WenDry, M, ISD VenDry, WenDry, M, ISD VenDry, WenDry, M, IsD Ve		
VehDp., AutCott (Sigh_M. st Facchinale.cd (up) VehDp., AutCott (Sigh_M. st Facchinale.cd (up) VehDp., AutCott (Sigh_M. st Facchinale.cd (up) VehDp., MatCott (VehDp., MatCott (Sigh_M. st Facchinale.cd (up) VehDp., MatCott, Hobg_M. fize Veh	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000875999976
Verbiny, AukCortin Sepd. M. pt Filter Intellational Cirt. Igo Verbiny, Historia sem, Cori, M. igo Verbiny, Historia, Cirt. M. jac Verbiny, Historia, Cirt. M. jac Verbiny, Lospet amit, Cirt. M. jac Verbiny, Michael Linder, M. in St. Verbiny, M. in M.	VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VeeDry_NacCriticSequit_Nat FillerCriticalized_Crit_jgs	VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
Verboy, Hisote, Crit. Mg Verboy, Logital, Crit. Mg Verboy, Logital, Crit. Mg Verboy, MonOffice, Hisote, Mg Mg Verboy, MonOffice, Hisote, Mg Mg Verboy, MonOffice, Hisote, Mg Mg Verboy, MonOffice, Hisote, Mg Mg Verboy, Mg Verboy	VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
Verbiny_LoSP_ARCON_CH_MU_gc		
VerbThy_MacKinet_HAbeg_M_S22		·
VerbOy_MortClett_Hobog_M_S2		
VerbOyn		
Verbiny_PartGSV_M_strK_Uis_E2	,	
VerbDyn StPHWAUL UIS M 132 0.000441000011 VerbDyn StPHWAUL UIS M 132 0.0000077 VerbDyn StPHWAUL UIS M 132 0.00000077 VerbDyn StPHWAUL UIS M 132 0.0000077 VerbDyn VerbDyn Derl StPHWAUL UIS M 132 0.0000077 VerbDyn VerbDyn VerbDyn Perl CwEOT HwDeg 132 0.0000077 VerbDyn VerbDyn VerbDyn Perl CwEOT HwDeg 132 0.0000077 VerbDyn VerbDyn VerbDyn Perl MortovicePerl Miritary StPHWAUL UIS M 132 0.0000077 VerbDyn VerbDyn Perl MortovicePerl Miritary StPHWAUL UIS W 132 0.0000077 VerbDyn VerbDyn Perl SteasoniceSteakTools, W 132 0.0000077 VerbDyn Perl CovEOT HwDeg 132 0.0000077 VerbDyn Perl CovEOT HwDeg 132 0.0000077 VerbDyn Perl MortovicePerl Miritary StPHWAUL UIS W 132 0.0000077 VerbDyn Perl MortovicePerl Miritary StPHWAUL UIS W 132 0.0000077 VerbDyn Perl MortovicePerl Miritary StPHWAUL UIS W 132 0.0000077 VerbDyn Perl CovEOT HwDeg 132 0.0000077 VerbDyn Perl CovEOT HwDeg 132 0.0000077 VerbDyn Perl CovEOT HwDeg 132 0.0000077 VerbDyn Perl CovEOT HwDeg 132 0.0000077 VerbDyn Perl CovEOT HwDeg 132 0.0000077 VerbDyn Perl CovEOT HwDeg 132 0.0000077 VerbDyn Perl CovEOT HwDeg 132 0.0000077 VerbDyn Perl CovEOT HwDeg 132 0.0000077 VerbDyn Perl CovEOT HwDeg 132 0.0000077 VerbDyn Perl CovEOT HwDeg 132 0.0000077 VerbDyn Perl MortovicePerl Miritary StPHWAUL UIS W 132 0.0000077 VerbDyn HardovicePerl Miritary StPHWAUL UIS W 132 0.0000077 VerbDyn HardovicePerl Miritary StPHWAUL UIS W 132 0.0000077 VerbDyn AutochtribeSpd M stringer Lands StPHWAUL UIS W 132 0.0000077 VerbDyn AutochtribeSpd M stringer Lands StPHWAUL UIS W 132 0.0000077 VerbDyn AutochtribeSpd M stringer Lands StPHWAUL UIS W 132 0.0000077 VerbDyn AutochtribeSpd M stringer Lands		
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VenDyn, S. PhwPro, Hubog, M. (192) K. LaSpdYDAuthorty, Uis, 192 1 K. LaSpdYDAuthorty, Uis, 192 1 K. LaSpdYDAuthorty, Uis, 192 1 K. LaSpdYDAuthorty, Uis, 192 1 K. LaspdYDAuthorty, Uis, 192 1 K. LaspdYDAuthorty, Uis, 192 1 K. LaspdYDAuthorty, Uis, 192 1 K. TavekXDC-bearbon, Uis, 192 1 K. TavekXDC-bearbon, Uis, 192 1 K. TavekXDC-bearbon, Uis, 192 1 K. TavekXDC-bearbon, Uis, 192 1 K. TavekXDC-bearbon, Uis, 192 1 Laspd, E. Min, Lab, Vender, Vender, Uis, 192 1 Laspd, E. Min, Lab, Vender, Vender, Perl, CovEOT, HwDeg, 192 1 Larged, E. Min, Lab, Vender, Vender, Perl, Law, Vender, Vender, Uis, 192 1 Larged, E. Min, Lab, Vender, Vender, Perl, Huborou, Perl, Law, Vender, Vender, Uis, 192 1 Larged, E. Min, Lab, Vender, Vender, Perl, Huborou, Perl, Motorou, Perl, Law, Vender, Vende		
R_LISSPATONAUthority_Uis_132 1		
Image: Common		
K_TravelXCDeadband_US_132		1
International Content	k_SysKinRatio_MtrDegpHwDeg_f32	88.0999985
target_DrimnElapsedTime_mS_u32_ElapsedTime 3224313344 target_GetSystemTime_mS_u32_CurrentTime 309385728 target_Rie_Inst_Ap_VehDyn_VehDyn_Per1_CAEOT_HwDeg_I32 target_Rie_Inst_Ap_VehDyn_VehDyn_Per1_CAEOT_HwDeg_I32 target_Rie_Inst_Ap_VehDyn_VehDyn_Per1_CAEOT_HwDeg_I32 target_Rie_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MrRadpS_I32 target_Rie_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MrRadpS_I32 target_Rie_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MrRadpS_I32 target_Rie_Inst_Ap_VehDyn_VehDyn_Per1_ReiN+Pog_HwDeg_I32 target_Rie_Inst_Ap_VehDyn_VehDyn_Per1_SensoriessAuthority_Uis_I32 target_Rie_Inst_Ap_VehDyn_VehDyn_Per1_SensoriessAuthority_Uis_I32 target_Rie_Inst_Ap_VehDyn_VehDyn_Per1_SensoriessAuthority_Uis_I32 target_Rie_Inst_Ap_VehDyn_VehDyn_Per1_SensoriessAuthority_Uis_I32 target_Rie_Inst_Ap_VehDyn_VehDyn_Per1_SensoriessAuthority_Uis_I32 target_Rie_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Valic_On_Uig_Larget_Rie_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Valic_On_Uig_Larget_Rie_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Valic_On_Uig_Larget_VehDyn_Per1_VehicleSpeed_Kph_I32 target_VehDyn_Per1_CAECOT_HwDeg_I32_value -893.210022 target_VehDyn_Per1_DewCOT_HwDeg_I32_value -893.210022 target_VehDyn_Per1_HwTorque_HwMm_I32_value -893.210022 target_VehDyn_Per1_HwTorque_HwMm_I32_value -893.210022 target_VehDyn_Per1_HwTorque_HwMm_I32_value -893.210022 target_VehDyn_Per1_IndewCoRCRF_Mrim_I32_value -893.210022 target_VehDyn_Per1_IndewCoRCRF_Mrim_I32_value -893.210022 target_VehDyn_Per1_IndewCoRCRF_Mrim_I32_value -893.210022 target_VehDyn_Per1_IndewCoRCRF_Mrim_I32_value -893.210022 target_VehDyn_Apr_IndewCortCRF_Mrim_I32_value -893.210022 target_VehDyn_Apr_IndewCortCRF_Mrim_I32_value -893.210022 vehDyn_AutoCortDestpd_M_str_Timer_m_m_su22 -893.2212733 vehDyn_AutoCortDestpd_M_str_Timer_ImS_u32 -893.221273 vehDyn_AutoCortDestpd_M_str_Timer_LmS_u32 -893.221273 -893.221273 vehDyn_AutoCortDestpd_M_st	k_TravelXCDeadband_Uls_f32	46.6399994
	k_TravelXCHwAuthority_Uls_f32	0.161174998
target_Rie_Inst_Ap_VehDyn-VehDyn_PerI_CwEOT_HwDeg_132		
target_Rel_inst_Ap_VehDyn_VehDyn_Per1_LMTGrque_HwNm_f32 target_VehDyn_Per1_MtDrque_HwNm_f32 target_Rel_inst_Ap_VehDyn_VehDyn_Per1_HwTGrque_HwNm_f32 target_VehDyn_Per1_MtDrque_HwNm_f32 target_VehDyn_Per1_MtDrque_HwNm_f32 target_VehDyn_VehDyn_Per1_ReliwPos_HwDeg_f32 target_Rel_inst_Ap_VehDyn_VehDyn_Per1_ReliwPos_HwDeg_f32 target_Rel_inst_Ap_VehDyn_VehDyn_Per1_Sensoriessauthority_Uis_f32 target_Rel_inst_Ap_VehDyn_VehDyn_Per1_Sensoriessauthority_Uis_f32 target_Rel_inst_Ap_VehDyn_VehDyn_Per1_Sensoriessauthority_Uis_f32 target_VehDyn_Per1_Sensoriessauthority_Uis_f32 target_Rel_inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_Mirthm_f32 target_VehDyn_Per1_Sensoriessauthority_Uis_f32 target_VehDyn_Per1_VehicleSpeed_Kpf_f32 target_VehDyn_Per1_VehicleSpeed_Kpf_f32 target_VehDyn_Per1_VehicleSpeed_Kpf_f32 target_VehDyn_Per1_VehicleSpeed_Kpf_f32 target_VehDyn_Per1_VehicleSpeed_Kpf_f32 target_VehDyn_Per1_VehicleSpeed_Kpf_f32 target_VehDyn_Per1_Per1_VehicleSpeed_Kpf_f32 target_VehDyn_Per1_Per1_VehicleSpeed_Kpf_f32 target_VehDyn_Per1_Per1_VehicleSpeed_Kpf_f32 target_VehDyn_Per1_NelixPehDeg_f32 target_VehDyn_Per1_Per1_VehicleSpeed_Kpf_f32 target_VehDyn_Per1_Per1_VehicleSpeed_Kpf_f32 target_VehDyn_Per1_TorqueCmdCRF_MirtNn_f32 target_VehDyn_Per1_TorqueCmdCRF_MirtNn_f32 target_VehDyn_Per1_TorqueCmdCRF_MirtNn_f32 target_VehDyn_Per1_TorqueCmdCRF_MirtNn_f32 target_VehDyn_Per1_TorqueCmdCRF_MirtNn_f32 target_VehDyn_Per1_TorqueCmdCRF_MirtNn_f32 target_VehDyn_Per1_TorqueCmdCRF_MirtNn_f32 target_VehDyn		
target_Rel_inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32 target_Rel_inst_Ap_VehDyn_VehDyn_Per1_MotoVelCRF_MRRadpS_f32 target_VehDyn_Per1_MotoVelCRF_MRRadpS_f32 target_Rel_inst_Ap_VehDyn_VehDyn_Per1_SensoriessAuthority_Uis_f32 target_VehDyn_Per1_SensoriessAuthority_Uis_f32 target_Rel_inst_Ap_VehDyn_VehDyn_Per1_SensoriessAuthority_Uis_f32 target_VehDyn_Per1_SensoriessAuthority_Uis_f32 target_Rel_inst_Ap_VehDyn_VehDyn_Per1_SensoriessAuthority_Uis_f32 target_VehDyn_Per1_SensoriessAuthority_Uis_f32 target_Rel_inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedVaild_Cnt_Ugc target_VehDyn_Per1_SensoriessAuthority_Uis_f32 target_Rel_inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kpf_f32 target_VehDyn_Per1_CevECOT_HwDeg_f32_Value target_VehDyn_Per1_CevECOT_HwDeg_f32_Value 4503.210022 target_VehDyn_Per1_MellwOrdCRF_MrthadpS_f32_Value 1510.70105 target_VehDyn_Per1_MellwOrdCRF_MrthadpS_f32_Value 154 target_VehDyn_Per1_VehicleSpeed_Kpf_f32_Value 45099999 target_VehDyn_Per1_VehicleSpeed_Kpf_f32_Value 10 target_VehDyn_Per1_VehicleSpeed_Kpf_f32_Value 10 VehDyn_AutoChtrDelSpd_M_str.Timer2_mS_u32 3382212733 VehDyn_AutoChtrDelSpd_M_str.Timer2_mS_u32 2400 ± 0.009 VehDyn_AutoChtrDelSpd_M_str.Filter1Enable_Cnt_Ugc		
target_Re_inst_Ap_VehDyn_Pert_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Pert_MotorVelCRF_MtrRadpS_f32 target_Re_inst_Ap_VehDyn_VehDyn_Pert_ReiHwPos_HwDeg_f32 target_VehDyn_Pert_ReiHwPos_HwDeg_f32 target_Re_inst_Ap_VehDyn_VehDyn_Pert_SensoriessAthmotity_Uis_f32 target_Re_inst_Ap_VehDyn_VehDyn_Pert_SensoriessAthworlity_Uis_f32 target_Re_inst_Ap_VehDyn_VehDyn_Pert_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Pert_SensoriessHwDos_HwDeg_f32 target_Re_inst_Ap_VehDyn_VehDyn_Pert_VehicleSpeedValid_Cnt_igc target_VehDyn_Pert_TorqueCmdCRF_MtrNm_f32 target_Neb_inst_Ap_VehDyn_VehDyn_Pert_VehicleSpeed Kph_f32 target_VehDyn_Pert_VehicleSpeedValid_Cnt_igc target_VehDyn_Pert_CwCOT_HwDeg_f32.value -693.210022 target_VehDyn_Pert_OwEOT_HwDeg_f32.value 1310.70105 target_VehDyn_Pert_Move_MtrNm_f32.value 9.80000019 target_VehDyn_Pert_MellowEOR_MtrNm_f32.value 154 target_VehDyn_Pert_NetholeGewedValid_Cnt_igc_value 1 target_VehDyn_Pert_VehicleSpeed Kph_f32.value 1 target_VehDyn_Pert_VehicleSpeed Kph_f32		
target_Re_Inst_Ap_VehDyn_VehDyn_Pert_RelHwPos_HwDeg_f32 target_VehDyn_Pert_SensorlessAuthority_Uis_f32 target_Re_Inst_Ap_VehDyn_VehDyn_Pert_SensorlessAuthority_Uis_f32 target_VehDyn_Pert_SensorlessAuthority_Uis_f32 target_Re_Inst_Ap_VehDyn_VehDyn_Pert_SensorlessAuthority_Uis_f32 target_VehDyn_Pert_SensorlessAuthority_Uis_f32 target_Re_Inst_Ap_VehDyn_VehDyn_Pert_VehicleSpeed_Khp_f32 target_VehDyn_Pert_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Pert_Apubp_Nert_VehicleSpeed_Kpf_f32 target_VehDyn_Pert_VehicleSpeed_Kpf_f32 target_VehDyn_Pert_CcxeCDT_HwDeg_f32.value -693.210022 target_VehDyn_Pert_More_HwNm_f32.value 9.80000019 target_VehDyn_Pert_More_More_McReg_f32.value 154 target_VehDyn_Pert_More_McReg_f32.value 154 target_VehDyn_Pert_More_McReg_f32.value 154 target_VehDyn_Pert_VehicleSpeed_Valid_Cnt_Igc.value 12400 target_VehDyn_Pert_VehicleSpeed_Kph_f32.value 120.050003 target_VehDyn_Pert_VehicleSpeed_Kph_f32.value 120.050003 VehDyn_AutoCntrDetSpd_M_str_Timert_mS_u32 3382212733 VehDyn_AutoCntrDetSpd_M_str_Timert_mS_u32 309385728 VehDyn_AutoCntrDetSpd_M_str_ReltwPosFlittSV_HwDeg_str.SV_Uis_f32 -1988.40002 ± 0.009 VehDyn_AutoCntrDetSpd_M_str_Filter1Inialiated_Cnt_Igc		
target_Rte_Inst_Ap_VehDyn.VehDyn_Perf_SensoriessAuthority_Uis_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Perf_SensoriessAwthos_HwDeg_f32 target_VehDyn_Perf_SensoriessAwthority_Uis_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Perf_CroqueCmdCRF_MIXMn_f32 target_NehDyn_Perf_CwcMCRF_MIXMn_f32 target_NehDyn_Perf_CwcMCRF_MIXMn_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Perf_VehicleSpeedValid_Cnt_Igc target_VehDyn_Perf_VehicleSpeedValid_Cnt_Igc target_VehDyn_Perf_CwCCP_HwDeg_f32.value 493.210022 target_VehDyn_Perf_MotOrVeiCRF_MixMn_f32.value 1310.70105 target_VehDyn_Perf_MotorVeiCRF_MixRadpS_f32.value 154 target_VehDyn_Perf_MotorVeiCRF_MixRadpS_f32.value 2400 target_VehDyn_Perf_VehicleSpeedValid_Cnt_Igc_value 4.5999999 target_VehDyn_Perf_VehicleSpeedValid_Cnt_Igc_value 120.050003 target_VehDyn_Perf_VehicleSpeedValid_Cnt_Igc_value 120.050003 Name Expected Value VehDyn_AlloCntrDetSpd_M_str.Timer1_mS_u32 3382212733 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 309385728 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.Sv_Uis_f32 -1988.40002 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.FilterTinitialized_Cnt_Igc 1 VehDyn_AutoCntrDetSpd_M_str.FilterTinitialized_Cnt_Igc 1		
target_Re_Inst_Ap_VehDyn.VehDyn_Per1_SensoriessHwPos_HwDeg_f32 target_Re_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Re_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_CwECM_CMF_MtrNm_f32 target_VehDyn_Per1_CwECM_HwDey_Per1_VehicleSpeed_Kpf_f32 target_VehDyn_Per1_CwECM_HwDey_f32_Vehlue -893.210022 target_VehDyn_Per1_CwECM_HwDey_f32_Vehlue -893.210022 target_VehDyn_Per1_MvTroque_HwNm_f32_Value -893.210022 target_VehDyn_Per1_MvTroque_HwNm_f32_Value -893.210022 target_VehDyn_Per1_MvTroque_HwNm_f32_Value -893.210022 target_VehDyn_Per1_MvTroque_HwNm_f32_Value -893.210022 target_VehDyn_Per1_MvTroque_HwNm_f32_Value -893.210022 154 target_VehDyn_Per1_MvTroque_HwNm_f32_Value -893.210022 154 target_VehDyn_Per1_WvTroque_HwNm_f32_Value -4.5999999 154 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc_value -4.5999999 120.050003 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc_value 120.050003 target_VehDyn_Per1_VehicleSpeedValid_Dehr_f32_VehDyn_AutoCntrDehr_f04_M str.Timer _mS_u32 338212733 3382212733 3382212733 3382212733 309385728 -2400 ± 0.009 400 ± 0.009 400 ± 0.009 400 ± 0.009 400 ± 0.009 400 ± 0.009 400 ± 0.009 400 ± 0.009 400 ± 0.009 400 ± 0.009		
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target_Rte_Inst_Ap_VehDyn,VehDyn,Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value		
target_VehDyn_Pert_CxeCOT_HwDeg_f32.value	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_HwTorque_HwNm_f32.value 9.80000019 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 154 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value -2400 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value -45999999 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value 120.050003 Name Expected Value VehDyn_Per1_VehicleSpeed_Kph_f32.value 120.050003 Name Expected Value VehDyn_AulochtDetSpd_M_str.Timer1_mS_u32 382212733 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 399385728 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilitSV_HwDeg_str.SV_UIs_f32 -2400 ±0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilitSV_HwDeg_str.SV_UIs_f32 -1988.40002 ±0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2345892861 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 1024 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 1024 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 1024 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 1024 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 1024 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilitSV_HwDeg_str.SV_UIs_f32 1024 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilitSV_HwDeg_str.SV_UIs_f32 1024 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilitSV_HwDeg_str.SV_UIs_f32 1024 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilitSV_HwDeg_str.SV_UIs_f32 1024 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 10 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 10 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 11 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 11 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 11 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 11 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 11 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 11	target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-693.210022
target_VehDyn_Per1_Motor_VelCRF_MtrRadpS_f32.value	target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1310.70105
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32_value		
target_VehDyn_Per1_TorqueCmdCRF_lthrNm_f32.value		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 1 Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 3382212733 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 309385728 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -2400 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1988.40002 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter1_ms_u32 2345892861 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1900.09998 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 753.5 ± 0.0009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc		
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 120.050003 Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 3382212733 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 309385728 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -2400 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIS_f32 -1988.40002 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2345892861 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -1900.09998 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 753.5 ± 0.0009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1		
Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 3382212733 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 309385728 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -2400 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -1988.40002 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2345892861 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 1024 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -1900.09998 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 753.5 ± 0.0009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1	· - · · ·	
VehDyn_AltoWHiSpdAutoCntr_Cnt_M_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 3382212733 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 309385728 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -2400 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1988.40002 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2345892861 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -1900.09998 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 753.5 ± 0.0009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1		·
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1		· ·
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1		
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VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2345892861 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 1024 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -1900.09998 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 753.5 ± 0.0009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1		
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VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2345892861 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 1024 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_UIs_f32 -1900.09998 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_UIs_f32 753.5 ± 0.0009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1	VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1		· ·
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1		
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1		
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1		
- ,		
vendyn autountrhispd M str.Hiter2Initialized Cnt Igc 0	VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0

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Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.200012 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1310.70105
VehDyn_MinOffset_HwDeg_M_f32	-693.210022
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.50363731 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.930000007 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-368.209991 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
DtrmnElapsedTime_mS_u32	1
GetSystemTime_mS_u32	1
DtrmnElapsedTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.123 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	211.5
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	255
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.5
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.5
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21364
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	52716
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.7100001e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.40002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000877999992
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	66.1999969
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	18.2000008
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	88.5
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	30404
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	30349
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.40002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000677999982
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000348000001
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	66.5
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	116.5
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.5
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	54.5
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53759
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	18715

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Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.6001
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.73999966e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.100006
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000877999992
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn Initialize Cnt M Igc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	968.197998
VehDyn_MinOffset_HwDeg_M_f32	-637.073975
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-1.60000002
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00044199999
VehDyn_SLPHwAuth_Uls_M_f32	0.947000027
VehDyn_SLPHwPos_HwDeg_M_f32	-357.950012
k_HiSpdVDAuthority_UIs_f32	0.5
k_LoSpdVDAuthority_UIs_f32 k_SysKinRatio_MtrDegpHwDeg_f32	0 75.4000015
k TravelXCDeadband Uls f32	45.6100006
k TravelXCHwAuthority Uls f32	0.162400007
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2108719104
target_GetSystemTime_mS_u32_CurrentTime	2659241984
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-686.950012
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1305.13196
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-1.10000002
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.440002
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	2800.07007
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.9000001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	230.039993
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886 -1988.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.40002 ± 0.009
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt Igc	1
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2659241984
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.40002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn AutoCntrHiSpd M str.Filter1Initialized_Cnt_lgc VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2659241984
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.6001 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.100006 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1 0
VehDyn_LoSpdLearnt_Cnt_M_lgc	





Name	Expected Value
VehDyn_MaxOffset_HwDeg_M_f32	1305.13196
VehDyn_MinOffset_HwDeg_M_f32	-686.950012
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.59980774 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.947000027 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-357.950012 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.124 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target Rte Inst Ap VehDyn
VehDyn AllowHiSpdAutoCntr Cnt M Iqc	1
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	543.5
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	199.5
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	45.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	33198
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	7778
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.59998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.72e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.69995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000880000007
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	34
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	88.1999969
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2.5
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	75
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	10412
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3277
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.200012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000679999997
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.59998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000352000003
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	34.5999985
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	126.599998
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.6000004
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	85.5999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	13352
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14442
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	383750110
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.75999981e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000880000007
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1

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VehDyn_Per1



Name	Input Value
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-973.190002
VehDyn_MinOffset_HwDeg_M_f32	-630.390015
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.8000002
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000442999997
VehDyn_SLPHwAuth_Uls_M_f32	0.963999987
VehDyn_SLPHwPos_HwDeg_M_f32	-347.690002
k_HiSpdVDAuthority_Uls_f32	0.69999988
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	97.0999985
k_TravelXCDeadband_Uls_f32	44.5800018
k_TravelXCHwAuthority_Uls_f32	0.163625002
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2894938880
target_GetSystemTime_mS_u32_CurrentTime	2942063360
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-680.690002
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1299.56299
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-1.39999998
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1253
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1438.08997
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.89999998
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	245.550003
Name	Expected Value
	·
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1 3796740682
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1 3796740682 2345892861
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1 3796740682 2345892861 1988.59998 ± 0.009
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1 3796740682 2345892861 1988.59998 ± 0.009 1991.69995 ± 0.009
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1 3796740682 2345892861 1988.59998 ± 0.009 1991.69995 ± 0.009
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1 3796740682 2345892861 1988.59998 ± 0.009 1991.69995 ± 0.009 0
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1 3796740682 2345892861 1988.59998 ± 0.009 1991.69995 ± 0.009 0 0
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1 3796740682 2345892861 1988.59998 ± 0.009 1991.69995 ± 0.009 0 0
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1 3796740682 2345892861 1988.59998 ± 0.009 1991.69995 ± 0.009 0 0 1 1 1 2942063360
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1 3796740682 2345892861 1988.59998 ± 0.009 1991.69995 ± 0.009 0 1 1 1 2942063360 1078320779
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1 3796740682 2345892861 1988.59998 ± 0.009 1991.69995 ± 0.009 0 1 1 1 2942063360 1078320779 -753.200012 ± 0.0009
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1 3796740682 2345892861 1988.59998 ± 0.009 1991.69995 ± 0.009 0 1 1 1 2942063360 1078320779 -753.200012 ± 0.0009 1988.59998 ± 0.009
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1 3796740682 2345892861 1988.59998 ± 0.009 1991.69995 ± 0.009 0 1 1 1 2942063360 1078320779 -753.200012 ± 0.0009 1988.59998 ± 0.009 0
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1 3796740682 2345892861 1988.59998 ± 0.009 1991.69995 ± 0.009 0 1 1 1 2942063360 1078320779 -753.200012 ± 0.0009 1988.59998 ± 0.009 0 1
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1 3796740682 2345892861 1988.59998 ± 0.009 1991.69995 ± 0.009 0 1 1 1 2942063360 1078320779 -753.200012 ± 0.0009 1988.59998 ± 0.009 0 1 1
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1 3796740682 2345892861 1988.59998 ± 0.009 1991.69995 ± 0.009 0 1 1 1 2942063360 1078320779 -753.200012 ± 0.0009 1988.59998 ± 0.009 0 1 1 1 0
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VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1 3796740682 2345892861 1988.59998 ± 0.009 1991.69995 ± 0.009 0 1 1 1 2942063360 1078320779 -753.200012 ± 0.0009 1988.59998 ± 0.009 0 1 1 1 0 383750110 3174948759 -2400.5 ± 0.009
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VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_Initialize_Cnt_M_lgc	1 3796740682 2345892861 1988.59998 ± 0.009 1991.69995 ± 0.009 0 1 1 1 2942063360 1078320779 -753.200012 ± 0.0009 1 1 1 0 383750110 3174948759 -2400.5 ± 0.009 1 0 0 1 1 0 0 0 1 1 1 1 0
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VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Fiiter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	1 3796740682 2345892861 1988.59998 ± 0.009 1991.69995 ± 0.009 0 1 1 1 2942063360 1078320779 -753.200012 ± 0.0009 1988.59998 ± 0.009 0 1 1 1 0 383750110 3174948759 -2400.5 ± 0.009 1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	1 3796740682 2345892861 1988.59998 ± 0.009 1991.69995 ± 0.009 0 0 1 1 1 2942063360 1078320779 -753.200012 ± 0.0009 1 888.59998 ± 0.009 0 1 1 1 0 0 383750110 3174948759 -2400.5 ± 0.009 1 0 0 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1

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T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

est Step 2.125 (Repeat Count = 1)	
lame	Input Value
etrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	9.5
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	146.5
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	0
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	78.5
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21335
/ehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	34188
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4004004657
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.5
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.72999989e-006
	-2400.3999
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000882000022
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	2.20000005
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	76.5
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	97.1999969
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	16683
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	22497
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784
ehDyn AutoCntrHiSpd M str.Timer2 mS u32	2138628886
'ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	456.200012
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000682000013
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.30005
'ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000356000004
'ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	2.70000005
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	136.699997
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.6999998
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.6999969
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21364
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52716
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2138628886
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.6001
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.77999997e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.1001
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000882000022
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_HiSpdLearnt_Cnt_M_lgc	0
ehDyn Initialize Cnt M Igc	1
ehDyn_initialize_Cht_M_igc	
, = , = = = = = = = = = = = = = = = = =	0
ehDyn_MaxOffset_HwDeg_M_f32	978.182007
/ehDyn_MinOffset_HwDeg_M_f32	-623.705994
/ehDyn_PinTrqSV_M_str.SV_UIs_f32	7.80000019
ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000444000005
ehDyn_sl.PHwAuth_Uls_M_f32	0.981000006





Name	Innut Value
Name	Input Value
k_HiSpdVDAuthority_UIs_f32	0.800000012
k_LoSpdVDAuthority_UIs_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	86.3000031
k_TravelXCDeadband_Uls_f32	43.5499992
k_TravelXCHwAuthority_UIs_f32	0.164849997
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2059598336
target_GetSystemTime_mS_u32_CurrentTime	1117112832
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target VehDyn Per1 HwTorque HwNm f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target VehDyn Per1 MotorVelCRF MtrRadpS f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target VehDyn Per1 RelHwPos HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_TolqueCritdcNt_withMn_loz target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_venDyn.VenDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-674.429993
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1293.99402
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-1.70000005
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-900.549988
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	753.03302
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.19999981
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	123.459999
Name	Expected Value
VehDyn AllowHiSpdAutoCntr Cnt M Iqc	1
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	4004004657
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.Sv_Uls_f32	-2400.3999 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1117112832
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.30005 ± 0.009
VehDyn AutoCntrHiSpd M str.Filter1Enable Cnt Igc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1117112832
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.6001 ± 0.009
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	2600.1001 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	540.960999
VehDyn_MinOffset_HwDeg_M_f32	-623.705994
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.79582405 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.981000006 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-337.429993 ± 0.1
<u> </u>	

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte Call VehDvn Per1 CP1 CheckpointReached	1

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Test Step 2.126 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	533.5
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	156.5
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	20
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.5
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target VehDyn Per1 RelHwPos HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target VehDyn Per1 VehicleSpeedValid Cnt Igc
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target VehDyn Per1 VehicleSpeed Kph f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-668.169983
target VehDyn Per1 CwEOT HwDeg f32.value	1288.42505
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-2
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	800
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1988
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	-8.3999962
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	1
target VehDyn Per1 VehicleSpeed Kph f32.value	56.8499985
Name	
	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.6001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.69995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1736795392
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.3999 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2345892861
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn MaxOffset HwDeg M f32	1288.42505
VehDyn_MinOffset_HwDeg_M_f32	-668.169983
VehDyn_PinTrqSV_M_str.SV_UIs_f32	3.19759798 ± 0.000009
target VehDyn Per1 SensorlessAuthority Uls f32.value	0.89999976 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	412.399994 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	570.5
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	166.5
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	7.5
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	32.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	34738
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36612
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	1024

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.74999991e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.40002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000885999994
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0 0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc	350
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	96.1999969
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	42.2000008
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53759
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	18715
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	3382212733
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000685999985
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.69995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000364000007
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	350.899994
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156.899994
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3.9000001
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.9000015
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21335
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	34188
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrl_oSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	753.400024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	6.82000027e-005 2800.1001
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00885999994
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0.000003333334
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn Initialize Cnt M Igc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	988.166016
VehDyn_MinOffset_HwDeg_M_f32	-610.338013
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.4000001
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000445999991
VehDyn_SLPHwAuth_Uls_M_f32	0.978999972
VehDyn_SLPHwPos_HwDeg_M_f32	-316.910004
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_UIs_f32	0.779999971
k_SysKinRatio_MtrDegpHwDeg_f32	12.1000004
k_TravelXCDeadband_Uls_f32	41.4900017
k_TravelXCHwAuthority_Uls_f32	0.167300001
target_DtrmnElapsedTime_mS_u32_ElapsedTime	569984000
target_GetSystemTime_mS_u32_CurrentTime	3437401088
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_Kte_inst_Ap_venDyn.venDyn_Peri_venicleSpeed_Kpn_t32 target_VehDyn_Peri_CcwEOT_HwDeg_t32.value	-661.909973
target VehDyn Per1 CwEOT HwDeg f32.value	1282.85596
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-2.29999995
	-418.660004
target VehDvn Per1 MotorVelCRF MtrRadpS f32 value	
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1988





Name	Input Value
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	42.9199982
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.40002 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3437401088
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.69995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3437401088
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.400024 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.1001 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1282.85596
VehDyn_MinOffset_HwDeg_M_f32	-661.909973
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.39843702 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.779999971 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-812.099976 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

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Test Step 2.128 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	497.100006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	176.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.0999999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	0
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	37799
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	41632
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.69995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.76000003e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.09998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00088800001
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	400.200012
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	106.5

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10.1999998
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	12.1999998
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	13352
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	14442
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000688
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.69995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000368000008
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	1
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	400.600006
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	166.600006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	5.5999999
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	41.5999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	36416
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.69995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.8399997e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00088800001
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn MaxOffset HwDeg M f32	-993.15802
VehDyn_MinOffset_HwDeg_M_f32	-603.653992
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.5999999
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000446999999
VehDyn_SLPHwAuth_Uls_M_f32	0.959999979
VehDyn_SLPHwPos_HwDeg_M_f32	-306.649994
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_Uls_f32	0.800000012
k_SysKinRatio_MtrDegpHwDeg_f32	53.0999985
k TravelXCDeadband Uls f32	40.4599991
k_TravelXCHwAuthority_Uls_f32	0.168524995
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3351443200
target_GetSystemTime_mS_u32_CurrentTime	3494315776
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -655.650024
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -655.650024 1277.28699
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -655.650024 1277.28699 -2.5999999
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -655.650024 1277.28699 -2.5999999 -425
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -655.650024 1277.28699 -2.5999999 -425 1991.10999
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -655.650024 1277.28699 -2.5999999 -425
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -655.650024 1277.28699 -2.5999999 -425 1991.10999
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -655.650024 1277.28699 -2.5999999 -425 1991.10999 5.59999999
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -655.650024 1277.28699 -2.5999999 -425 1991.10999 5.5999999 1 52.0499992
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_Igc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -655.650024 1277.28699 -2.5999999 -425 1991.10999 5.5999999 1 52.0499992 Expected Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_Igc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -655.650024 1277.28699 -2.5999999 -425 1991.10999 5.5999999 1 52.0499992 Expected Value 0
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_Igc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -655.650024 1277.28699 -2.5999999 -425 1991.10999 5.5999999 1 52.0499992 Expected Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_Igc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -655.650024 1277.28699 -2.5999999 -425 1991.10999 5.5999999 1 52.0499992 Expected Value 0
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_Igc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -655.650024 1277.28699 -2.5999999 -425 1991.10999 5.5999999 1 52.0499992 Expected Value 0 3494315776
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -655.650024 1277.28699 -2.5999999 -425 1991.10999 5.5999999 1 52.0499992 Expected Value 0 3494315776 3174948759
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -655.650024 1277.28699 -2.5999999 425 1991.10999 5.5999999 1 52.0499992 Expected Value 0 3494315776 3174948759 -1482.69995 ± 0.009 1950.09998 ± 0.009
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Fiiter1Enable_Cnt_lgc	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -655.650024 1277.28699 -2.59999999 -425 1991.10999 5.59999999 1 52.0499992 Expected Value 0 3494315776 3174948759 -1482.69995 ± 0.009 1950.09998 ± 0.009 0
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -655.650024 1277.28699 -2.5999999 425 1991.10999 5.5999999 1 52.0499992 Expected Value 0 3494315776 3174948759 -1482.69995 ± 0.009 1950.09998 ± 0.009





Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.69995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.69995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-993.15802
VehDyn_MinOffset_HwDeg_M_f32	-603.653992
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.59548759 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.959999979 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-306.649994 ± 0.1

Τ	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

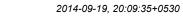
Name Same	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	31.5
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	186.5
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.5
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	100
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	8366
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	51002
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	109643620
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.799988
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.76999992e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.5
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000890000025
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	600
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	116.199997
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	12.5
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	53
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21364
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52716
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3796740682
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.5
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000690000015
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.80005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00037200001
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	0

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	600.900024
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	176.899994
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	9.89999962
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	63.9000015
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	34738
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36612
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.40002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.85999985e-005
VehDyn_AutoCotrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.400024 0.000890000025
VehDyn_AutoCntrl_oSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-998.150024
VehDyn_MinOffset_HwDeg_M_f32	-596.969971
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.5
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000448000006
VehDyn_SLPHwAuth_Uls_M_f32	0.940999985
VehDyn_SLPHwPos_HwDeg_M_f32	-296.390015
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_Uls_f32	0.300000012
k_SysKinRatio_MtrDegpHwDeg_f32	86.3000031
k_TravelXCDeadband_Uls_f32	39.4300003
k_TravelXCHwAuthority_Uls_f32	0.169750005
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1358028288
target_GetSystemTime_mS_u32_CurrentTime	463842816
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessHwPos HwDeg f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-649.390015
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1271.71802
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-2.9000001
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	752.679993
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-824.440002
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	128.880005
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	109643620
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDog_str.SV_Uls_f32	-753.799988 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt.lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	463842816
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.80005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	463842816
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.40002 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.400024 ± 0.0009

VehDyn_Per1





Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-998.150024
VehDyn_MinOffset_HwDeg_M_f32	175.050003
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.49798727 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.300000012 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1577.83997 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

lame	Input Value
OtrmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M Igc	0
/ehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	290.5
/ehDyn AutoCntrDetSpd M str.VehSpd kph f32	196.5
/ehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	14.5
/ehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	67.5
/ehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	3658
/ehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	5853
/ehDyn AutoCntrDetSpd M str.Timer1 mS u32	164464918
'ehDyn AutoCntrDetSpd M str.Timer2 mS u32	3589476708
/ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	456.700012
/ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	3.78000004e-006
/ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1438.40002
/ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000891999982
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	0
/ehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1
/ehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	1
'ehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	200.199997
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	126
/ehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	14
/ehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	86.5
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	33198
/ehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	7778
/ehDyn AutoCntrHiSpd M str.Timer1 mS u32	4004004657
/ehDyn AutoCntrHiSpd M str.Timer2 mS u32	3174948759
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1438.5
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000691999972
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1885,90002
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000376000011
/ehDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	1
/ehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt lgc	0
/ehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	200.600006
/ehDyn AutoCntrLoSpd M str.VehSpd kph f32	186,600006
/ehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	7.5999999
ehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	88.5999985
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	26195
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22037
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948759
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1991.69995
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	6.88e-005

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Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000891999982
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1003.14203
VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_UIs_f32	-590.286011 -1.60000002
VehDyn PinTrqSV M str.K Uls f32	0.000449000014
VehDyn SLPHwAuth Uls M f32	0.921999991
VehDyn_SLPHwPos_HwDeg_M_f32	-286.130005
k HiSpdVDAuthority UIs f32	0
k_LoSpdVDAuthority_Uls_f32	0.777999997
k_SysKinRatio_MtrDegpHwDeg_f32	96.5
k_TravelXCDeadband_Uls_f32	38.4000015
k_TravelXCHwAuthority_Uls_f32	0.170975
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1975593216
target_GetSystemTime_mS_u32_CurrentTime	1759885568
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-643.130005
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1266.14905
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-3.20000005
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-753.880005
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-2880
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.80000019
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	139.990005
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCatrDetSpd_M_str.Timer1_mS_u32	1759885568
VehDyn_AutoCotrDetSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.700012 ± 0.0009 -1438.40002 ± 0.009
VehDyn AutoCntrDetSpd_M_str.Filter1Enable Cnt lgc	0
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt Igc	0
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	1
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	4004004657
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	3174948759
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.90002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.69995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn MaxOffset HwDeg M f32	1266.14905
VehDyn_MinOffset_HwDeg_M_f32	-643.130005
·	-643.130005 -1.60068214 ± 0.000009 0.921999991 ± 0.004





Name	Expected Value
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-286.130005 ± 0.1

Τ	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

lamo	Innut Value
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	604.5
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	206.5
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.5
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.5
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	0
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	23667
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	219286216
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.80005
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.7899994e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.5
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000893999997
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	457
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	136.199997
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.2000008
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.1999969
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21335
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	34188
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4211268631
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.200012
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000693999988
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	142.899994
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000380000012
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	457.899994
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	196.899994
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	5.9000001
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	75.9000015
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	43190
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3186
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3382212733
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1078320779
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.3999
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.9000015e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.40002
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000893999997
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
'ehDyn_HiSpdLearnt_Cnt_M_lgc	0
ehDyn Initialize Cnt M lgc	0
/ehDyn_LoSpdLearnt_Cnt_M_lgc	0
/ehDyn_MaxOffset_HwDeg_M_f32	1008.13397
/ehDyn_MinOffset_HwDeg_M_f32	-583.60199
/ehDyn_PinTrqSV_M_str.SV_UIs_f32	-14.8000002
/ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000449999992





Name	Input Value
VehDyn SLPHwAuth Uls M f32	0.902999997
VehDyn SLPHwPos HwDeg M f32	-275.869995
k HiSpdVDAuthority Uls f32	1
k LoSpdVDAuthority UIs f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	45.0999985
k_TravelXCDeadband_Uls_f32	37.3699989
k_TravelXCHwAuthority_Uls_f32	0.172199994
target_DtrmnElapsedTime_mS_u32_ElapsedTime	910116864
target_GetSystemTime_mS_u32_CurrentTime	1662097408
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-636.869995
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1260.57996
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-3.5
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1100.77002
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	453.570007
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	3.20000005
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	387.450012
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.80005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1662097408
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	142.899994 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1662097408
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.3999 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.40002 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	
VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	1260.57996 -636.869995
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-0.00.009999 -14.7948828 ± 0.00009
target VehDyn Per1 SensorlessAuthority Uls f32.value	0.902999997 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-275.869995 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte Call VehDvn Per1 CP1 CheckpointReached	1



Test Step 2.132 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte Inst Ap VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn AllowHiSpdAutoCntr Cnt M Igc	0
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	554.099976
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	216.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	32.099985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	60000
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	49369
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.700012
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.8000006e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.09998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000896000012
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	498.200012
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	146
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18.5
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	45
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00696000003
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.90002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000384000014
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0 498.299988
VehDyn_AutoCntrloSpd_M_str.MtrVel_MtrRadpS_f32	206.300003
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrg_HwNm_f32	3.29999995
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	97.3000031
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	30404
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	30349
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	2800.69995
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	6.92000031e-005
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1991.5
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000896000012
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1013.12598
VehDyn_MinOffset_HwDeg_M_f32	-576.91803
VehDyn_PinTrqSV_M_str.SV_UIs_f32	17.7999992
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000451
VehDyn_SLPHwAuth_Uls_M_f32	0.884000003
VehDyn_SLPHwPos_HwDeg_M_f32	-265.609985
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_UIs_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	78.4000015
k_TravelXCDeadband_Uls_f32	36.3400002
k_TraveIXCHwAuthority_Uls_f32	0.173425004
target_DtrmnElapsedTime_mS_u32_ElapsedTime	402713344
target_GetSystemTime_mS_u32_CurrentTime	2127166208
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target VehDyn Per1 RelHwPos HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target VehDyn Per1 VehicleSpeedValid Cnt Igc
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target VehDyn Per1 VehicleSpeed Kph f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-630.609985
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1255.01099
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-3.79999995
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1235
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	657,869995
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	-5.400001
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	1
target VehDyn Per1 VehicleSpeed Kph f32.value	398.119995
Name	
	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2127166208
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.700012 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.90002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.69995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn LoSpdLearnt Cnt M Igc	1
VehDyn MaxOffset HwDeg M f32	597.140991
VehDyn_MinOffset_HwDeg_M_f32	-576.91803
VehDyn_PinTrqSV_M_str.SV_UIs_f32	17.7902279 ± 0.00009
target VehDyn Per1 SensorlessAuthority Uls f32.value	0.884000003 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-265.609985 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.133 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	600
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	156
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	18774
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	16088
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.799988
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.80999995e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	142.199997
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000898000028
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1 0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	539
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	156.5
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	3.20000005
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	78.1999969
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	34738
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36612
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	54822322
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.19995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000698000018
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.80005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000387999986
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	539.099976
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	216.100006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	1.10000002
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.0999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	10412
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3277
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrl_oSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.40002 6.030000730.005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	6.93999973e-005 -2400.3999
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00898000028
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	1
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn Initialize Cnt M Igc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1018.11798
VehDyn_MinOffset_HwDeg_M_f32	-570.234009
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-7
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000452000007
VehDyn_SLPHwAuth_Uls_M_f32	0.86500001
VehDyn_SLPHwPos_HwDeg_M_f32	-255.350006
k_HiSpdVDAuthority_UIs_f32	1
k_LoSpdVDAuthority_UIs_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	96.0999985
k_TravelXCDeadband_Uls_f32	35.3100014
k_TravelXCHwAuthority_Uls_f32	0.174649999
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4178051584
target_GetSystemTime_mS_u32_CurrentTime	4243378688
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_UIs_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target VehDyn Per1 CwEOT HwDeg f32.value	-624.349976 1249.44202
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-4.0999999
target veribyii i eri i iwi leique i iwi will IUZ.Value	
	154
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	154 2880.05005





Name	Input Value
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	489.019989
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.799988 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	142.199997 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4243378688
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.80005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4243378688
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.40002 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.3999 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-1630.60803
VehDyn_MinOffset_HwDeg_M_f32	-570.234009
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-6.99865341 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.86500001 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-255.350006 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

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Test Step 2.134 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	200.399994
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	166.399994
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.39999962
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	41.4000015
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25496
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	383750110
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2160073393
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.69995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.82000007e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.09998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000899999985
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	580.5
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	126

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.19999981
VehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	96
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	37799
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	41632
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	109643620
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004657
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1991.40002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000699999975
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	1900.80005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000391999987
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	580.299988
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156.300003
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	2.2999995
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	42.2999992
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	16683
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22497
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004657
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1950.09998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.9599988e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000899999985
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn Initialize Cnt M Igc	0
, <u> </u>	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	
VehDyn_MaxOffset_HwDeg_M_f32	-1023.10999
VehDyn_MinOffset_HwDeg_M_f32	-563.549988
VehDyn_PinTrqSV_M_str.SV_UIs_f32	6.30000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000452999986
VehDyn_SLPHwAuth_Uls_M_f32	0.846000016
VehDyn_SLPHwPos_HwDeg_M_f32	-245.089996
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	32.2999992
k_TravelXCDeadband_Uls_f32	34.2799988
k_TravelXCHwAuthority_Uls_f32	0.175874993
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4077829376
target_GetSystemTime_mS_u32_CurrentTime	1050692864
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target VehDyn Per1 HwTorque HwNm f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 TorqueCmdCRF MtrNm f32	target VehDyn Per1 TorqueCmdCRF MtrNm f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target VehDyn Per1 VehicleSpeed Kph f32
target_Rie_Inst_Ap_venbyn.venbyn_Per1_venicieSpeed_kpi1_i32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-618.090027
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1243.87305
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-4.400001 750.940037
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.840027
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	200.645996
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.5
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	500.980011
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1050692864
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2160073393
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-2500.69995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.09998 ± 0.009
VehDyn_AutoChtrDetSpd_M_str.Filter1Enable_Cht_lgc	-1900.09996 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0





Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	109643620
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.40002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.80005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004657
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1950.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1243.87305
VehDyn_MinOffset_HwDeg_M_f32	-618.090027
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.29517412 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.846000016 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-245.089996 ± 0.1

Τ	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name Same	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	457.100006
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	176.100006
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.0999999
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	63.0999985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	11226
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	60000
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.80005
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.82999997e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.19995
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000902
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	621.099976
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	136.199997
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	1.10000002
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32.2000008
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	26195
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	22037
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	164464918
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.09998
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00070199999
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.90002
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000395999989
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	0

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	621.700012
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	166.699997
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.69999981
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.6999998
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	5235
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27074
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	148.199997
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.9800003e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.40002 0.000902
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1028.10205
VehDyn_MinOffset_HwDeg_M_f32	-556.866028
VehDyn_PinTrqSV_M_str.SV_UIs_f32	15.1999998
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000453999994
VehDyn_SLPHwAuth_Uls_M_f32	0.827000022
VehDyn_SLPHwPos_HwDeg_M_f32	-234.830002
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	52.5
k_TravelXCDeadband_Uls_f32	33.25
k_TravelXCHwAuthority_Uls_f32	0.177100003
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2644937728
target_GetSystemTime_mS_u32_CurrentTime	3039943680
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target VehDyn Per1 VehicleSpeed Kph f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-611.830017
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1238.30396
target VehDyn Per1 HwTorque HwNm f32.value	-4.6999981
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	-1253
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-2000
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.60000002
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	499.079987
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.80005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3039943680
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.90002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
	0
	0
	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1 3039943680
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1

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Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1238.30396
VehDyn_MinOffset_HwDeg_M_f32	-611.830017
VehDyn_PinTrqSV_M_str.SV_Uls_f32	15.1909513 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.827000022 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-234.830002 ± 0.1

Τ	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

lame	Input Value
htmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M lgc	0
/ehDyn_AilownispuAuloChtt_Cht_wi_gc /ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	498.5
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	186.5
, _ , _ , _ , _ , _ , _ ,	16.5
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	88.5
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	11.1
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	29729
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	33804
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892861
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.69995
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.83999986e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.1001
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000904000015
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	662.700012
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	146.5
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	7.19999981
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	52
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	43190
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3186
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	219286216
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.19995
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000704000005
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.80005
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00039999999
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	662.200012
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	176.199997
ehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	6.19999981
ehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	53.2000008
ehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	29076
ehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	43868
ehDyn AutoCntrLoSpd M str.Timer1 mS u32	1024
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	753.099976
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_dis_132	7.00000019e-005

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Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000904000015
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0 0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-1033.09399
VehDyn_MinOffset_HwDeg_M_f32	-550.182007
VehDyn_PinTrqSV_M_str.SV_Uls_f32	14
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000455000001
VehDyn_SLPHwAuth_Uls_M_f32	0.808000028
VehDyn_SLPHwPos_HwDeg_M_f32	-224.570007
k_HiSpdVDAuthority_UIs_f32 k_LoSpdVDAuthority_UIs_f32	0 1
k_SysKinRatio_MtrDegpHwDeg_f32	41.099985
k_TravelXCDeadband_Uls_f32	32.2200012
k_TravelXCHwAuthority_Uls_f32	0.178324997
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2212175616
target_GetSystemTime_mS_u32_CurrentTime	1316564736
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-605.570007
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1232.73499
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-5
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.73999
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1900
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.599999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1 120.410004
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name	Expected Value
VehDyn AllowHiSpdAutoCntr Cnt M Igc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1316564736
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.69995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.1001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCatrUiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	219286216 1024
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1024 1900.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.80005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	753.099976 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1950.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-1033.09399
VehDyn_MinOffset_HwDeg_M_f32	-550.182007
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.9914055 ± 0.00009 0.80800028 ± 0.004
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	





Name	Expected Value
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-224.570007 ± 0.1

Τ	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

lomo	Innut Value
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	539.400024
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	196.399994
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.399996
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	75.4000015
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	7034
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22497
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.85000021e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.19995
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000905999972
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124.400002
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	156
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	13.5
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	10.8000002
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	30404
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	30349
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	274107514
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.5
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000706000021
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.799988
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000403999991
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	124.400002
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	186.399994
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.3999996
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.4000015
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	32821
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	53946
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	54822322
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948759
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1885.19995
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.02000034e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.09998
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000905999972
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_HiSpdLearnt_Cnt_M_lgc	0
'ehDyn Initialize Cnt M lgc	1
/ehDyn_LoSpdLearnt_Cnt_M_lgc	0
/ehDyn_MaxOffset_HwDeg_M_f32	1038.08606
/ehDyn_MinOffset_HwDeg_M_f32	-543.497986
/ehDyn_PinTrqSV_M_str.SV_UIs_f32	7.80000019
/ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000456000009





Name	Input Value
VehDyn_SLPHwAuth_Uls_M_f32	0.788999975
VehDyn_SLPHwPos_HwDeg_M_f32	-214.309998
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	63.4000015
k_TravelXCDeadband_Uls_f32	31.1900005
k_TravelXCHwAuthority_Uls_f32	0.179550007
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2059598336
target_GetSystemTime_mS_u32_CurrentTime	2075080192
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-599.309998
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1227.16602
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-5.30000019
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-456.839996
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1900
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-7.30000019
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	230.050003
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2075080192
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	
	-1900.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.799988 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	-753.799988 ± 0.0009 0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	-753.799988 ± 0.0009 0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	-753.799988 ± 0.0009 0 0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	-753.799988 ± 0.0009 0 0 1
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter2Initialized_Cnt_lgc	-753.799988 ± 0.0009 0 0 0 1 2075080192
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	-753.799988 ± 0.0009 0 0 0 1 2075080192 3174948759
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.799988 ± 0.0009 0 0 1 2075080192 3174948759 1885.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.799988 ± 0.0009 0 0 1 2075080192 3174948759 1885.19995 ± 0.009 1885.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	-753.799988 ± 0.0009 0 0 1 2075080192 3174948759 1885.19995 ± 0.009 1885.09998 ± 0.009 0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	-753.799988 ± 0.0009 0 0 1 2075080192 3174948759 1885.19995 ± 0.009 1885.09998 ± 0.009 0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	-753.799988 ± 0.0009 0 0 1 2075080192 3174948759 1885.19995 ± 0.009 1885.09998 ± 0.009 0 1
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	-753.799988 ± 0.0009 0 0 1 2075080192 3174948759 1885.19995 ± 0.009 1885.09998 ± 0.009 0 1
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	-753.799988 ± 0.0009 0 0 1 2075080192 3174948759 1885.19995 ± 0.009 1885.09998 ± 0.009 0 1
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	-753.799988 ± 0.0009 0 0 1 2075080192 3174948759 1885.19995 ± 0.009 1885.09998 ± 0.009 0 1 1 1 1 1 0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	-753.799988 ± 0.0009 0 0 1 2075080192 3174948759 1885.19995 ± 0.009 1885.09998 ± 0.009 0 1 1 1 0 1
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	-753.799988 ± 0.0009 0 0 1 2075080192 3174948759 1885.19995 ± 0.009 1885.09998 ± 0.009 0 1 1 1 0 100 1038.08606
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	-753.799988 ± 0.0009 0 0 1 2075080192 3174948759 1885.19995 ± 0.009 1885.09998 ± 0.009 0 1 1 0 1 0 1038.08606 1300.68994
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_IsipdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_Uls_f32	-753.799988 ± 0.0009 0 0 1 2075080192 3174948759 1885.19995 ± 0.009 1885.09998 ± 0.009 0 1 1 0 1 0 1038.08606 1300.68994 7.79397392 ± 0.000009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	-753.799988 ± 0.0009 0 0 1 2075080192 3174948759 1885.19995 ± 0.009 1885.09998 ± 0.009 0 1 1 0 1 0 1038.08606 1300.68994

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte Call VehDvn Per1 CP1 CheckpointReached	1



Test Step 2.138 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	580.099976
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	76.1999969
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	97.1999969
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27074
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	3200
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.86000011e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.1001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000907999987
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	138.800003
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	166.600006
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	19.7000008
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	25.5
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	10412
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3277
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000707999978
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.700012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000407999993
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	138.100006
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	196.100006
VehDyn AutoCntrLoSpd M str.FiltPinTrq HwNm f32	18.1000004
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.099985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	40437
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	13059
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	109643620
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1887.09998
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	7.03999976e-005
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	142.199997
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000907999987
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1043.078
VehDyn_MinOffset_HwDeg_M_f32	-536.814026
VehDyn_PinTrqSV_M_str.SV_UIs_f32	3.20000005
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000456999987
VehDyn_SLPHwAuth_Uls_M_f32	0.769999981
VehDyn_SLPHwPos_HwDeg_M_f32	-204.050003
k_HiSpdVDAuthority_Uls_f32	0.99000001
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	88.0999985
k_TravelXCDeadband_Uls_f32	30.1599998
k_TravelXCHwAuthority_Uls_f32	0.180775002
target_DtrmnElapsedTime_mS_u32_ElapsedTime	800969984
torget CatCustomTime mC u22 CurrentTime	954802432
target_GetSystemTime_mS_u32_CurrentTime	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
· - /	target_VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 TorqueCmdCRF MtrNm f32	target VehDyn Per1 TorqueCmdCRF MtrNm f32
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeedValid Cnt Igc	target VehDyn Per1 VehicleSpeedValid Cnt Igc
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target VehDyn Per1 VehicleSpeed Kph f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-593.049988
target VehDyn Per1 CwEOT HwDeg f32.value	1221.59705
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-5.5999999
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1199.41003
target VehDyn Per1 RelHwPos HwDeg f32.value	-1482.21997
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.29999995
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	1
target VehDyn Per1 VehicleSpeed Kph f32.value	245.020004
Name	Expected Value
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	2760420810
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1078320779
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	3200 ± 0.009
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	2800.1001 ± 0.009
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	954802432
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.700012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	109643620
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1887.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	142.199997 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1221.59705
VehDyn_MinOffset_HwDeg_M_f32	-593.049988
VehDyn_PinTrqSV_M_str.SV_UIs_f32	3.19598508 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.99000001 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.139 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	621.099976
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	86.0999985
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	43128
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	43868
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.87e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000910000002
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1 0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86.8000031
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	176.699997
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	3.70000005
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.8000031
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	16683
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	22497
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	383750110
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.200012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000709999993
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.69995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000411999994
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	86.3000031
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	206.300003
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.2999992
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	45.2999992
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	2291
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	58929
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	164464918
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	-1753.19995 7.0000000-0005
VehDyn_AutoCntrloSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.05999992e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDog_str.SV_Uls_f32	-1900.09998 0.000910000002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000910000002
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt.lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn Initialize Cnt M Igc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-1048.06995
VehDyn MinOffset HwDeg M f32	-530.130005
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-5.4000001
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000457999995
VehDyn_SLPHwAuth_Uls_M_f32	0.750999987
VehDyn_SLPHwPos_HwDeg_M_f32	-193.789993
k_HiSpdVDAuthority_UIs_f32	0.88999986
k_LoSpdVDAuthority_UIs_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	75.3000031
k_TravelXCDeadband_Uls_f32	29.1299992
k_TravelXCHwAuthority_Uls_f32	0.181999996
target_DtrmnElapsedTime_mS_u32_ElapsedTime	569984000
target_GetSystemTime_mS_u32_CurrentTime	2728878080
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_UIs_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-586.789978 1216.02705
	1216.02795
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	-5 9000001
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-5.9000001 1109 14001
· - /	-5.900001 1199.14001 -753.840027





Name	Input Value
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	123.059998
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0 ± 0.000009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2728878080
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.69995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2728878080
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1753.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1216.02795
VehDyn_MinOffset_HwDeg_M_f32	-586.789978
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.40019512 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.750999987 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-193.789993 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

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Test Step 2.140 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	457.200012
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	96.1999969
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.20000005
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	42.2000008
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53759
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	53946
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	164464918
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1440.88
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.87999989e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.299988
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000912000018
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	44.4000015
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	186.199997

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.5
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	56.4000015
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	5235
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	27074
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.200012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000712000008
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.799988
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000415999995
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	44.0999985
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	216.100006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.1000004
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	78.099985
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	38868
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	57944
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	935.099976
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.08000007e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000912000018
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1053.06201
VehDyn_MinOffset_HwDeg_M_f32	-523.445984
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.599999 0.000459000003
VehDyn_PinTrqSV_M_str.K_Uls_f32 VehDyn_SLPHwAuth_Uls_M_f32	0.731999993
VehDyn SLPHwPos HwDeg M f32	-183.529999
k_HiSpdVDAuthority_Uls_f32	0.75999999
k_LoSpdVDAuthority_UIs_f32	1
k SysKinRatio MtrDegpHwDeg f32	97.5
k TravelXCDeadband Uls f32	28.1000004
k_TravelXCHwAuthority_Uls_f32	0.183225006
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1720406272
target_GetSystemTime_mS_u32_CurrentTime	824746752
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-580.530029
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1210.45898
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-6.19999981
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1299 456 063080
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	456.963989 -4.5999999
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	-4.5999999 1
target_VehDyn_Per1_VehicleSpeedValid_Crit_igc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	56.8800011
Name	
	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1 164464918
VEHIDYII AULUCHUIDELOPU IVI SULTIIIIELL IIIO U32	164464918 328928812
VahDun AutoCotrDatSod M atr Timor? ms use	J2U32U01Z
	1440.88 ± 0.000
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1440.88 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Fnable_Cnt_loc	753.299988 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	

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Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	824746752
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.799988 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	935.099976 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	753.494995
VehDyn_MinOffset_HwDeg_M_f32	-523.445984
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.59364414 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.75999999 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1210.76404 ± 0.1

Τ	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Fest Step 2.141 (Repeat Count = 1)	Input Value
OtrmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
· - · · · · · · · · · · · · · · · · · ·	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc /ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	498.5
/enDyn_AutoCntrDetSpd_M_str.MtrVei_MtrRadpS_132 /ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	106.25
	2.5
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	· ·
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	12.5
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13352
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	13059
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	219286216
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	383750110
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1200.56006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.8899979e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.19995
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000913999975
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	96.6999969
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	196.5
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	9.89999962
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	54
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	40437
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	13059
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2345892861
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.5
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000714000023
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.799988
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000419999997
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	96.4000015
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	226.399994
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.39999962
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.4000015
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52282
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888.200012
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.10000022e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.1001
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000913999975
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1058.05396
VehDyn_MinOffset_HwDeg_M_f32	-516.762024
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.5
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00046000001
VehDyn_SLPHwAuth_Uls_M_f32	0.713
VehDyn_SLPHwPos_HwDeg_M_f32	-173.270004
k_HiSpdVDAuthority_Uls_f32	0.340000004
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	86.099985
k_TravelXCDeadband_Uls_f32	27.0699997
k_TravelXCHwAuthority_Uls_f32	0.184450001
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2659241984
target_GetSystemTime_mS_u32_CurrentTime	309385728
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-574.27002
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1204.89001
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-6.5
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-147.649994
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-2500
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.9000001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	42.7700005
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	383750110
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1200.56006 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	309385728
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.799988 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	U .
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0 1 309385728

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Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1058.05396
VehDyn_MinOffset_HwDeg_M_f32	1925.72998
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.49629378 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.713 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-173.270004 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lqc	0
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	9.10000038
/ehDyn AutoCntrDetSpd M str.VehSpd kph f32	226.100006
/ehDyn_AutoChtrDetSpd_M_str.FiltPinTrg_HwNm_f32	4.099999
/ehDyn_AutoChtrDetSpd_M_str.CntrWindow_HwDeg_f32	53.099985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21364
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	52282
/ehDyn_AutoCntrDetSpd_M_str.Timer2Trilestr_ins_u16	274107514
/ehDyn_AutoCntrDetSpd_M_str.Timer1_m3_u32	2138628886
, - ,	2600.13989
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2.51000006e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988,30005
	0.00091599999
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00091599999
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	100.5
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	206
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	7.4000001
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	85.5
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2291
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58929
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420810
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.30005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00071599998
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.5
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000423999998
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	100.300003
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	236.300003
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.30000019
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	32.2999992
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	20423
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	31368
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	328928812
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	425.5
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.11999965e-005



Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00091599999
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCotrl_oSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn MaxOffset HwDeg M f32	-1063.04602
VehDyn_MinOffset_HwDeg_M_f32	-510.078003
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60000002
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000460999989
VehDyn_SLPHwAuth_Uls_M_f32	0.694000006
VehDyn_SLPHwPos_HwDeg_M_f32	-163.009995
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_UIs_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	96.4000015 26.0400009
k_TravelXCDeadband_Uls_f32 k_TravelXCHwAuthority_Uls_f32	0.185674995
target DtrmnElapsedTime mS u32 ElapsedTime	2942063360
target GetSystemTime mS u32 CurrentTime	2659241984
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value	-568.01001 1199.32104
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-6.80000019
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	88.8799973
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	2600
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.89999998
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	52.4399986
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2659241984
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.13989 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0 0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	1
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	328928812 4211268631
VehDyn_AutoCntrLoSpd_M_str.1imer2_ms_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	4211208031 425.5 ± 0.0009
VenDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uis_132 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uis_132	-2400.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1199.32104
VehDyn_MinOffset_HwDeg_M_f32	-568.01001
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-1.60240626 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.694000006 ± 0.004





Name	Expected Value
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-163.009995 ± 0.1

Τ	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Jamo	Input Value
Name	•
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	533.599976
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	236.600006
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.5999999
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.5999985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	33198
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	31368
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.19995
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584798
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.19995
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000918000005
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124.400002
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	216
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.80000019
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.0999985
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	38868
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	57944
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2760420810
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.5
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000717999996
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.200012
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000427999999
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	124.099998
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	246.100006
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.4099998
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.0999985
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	7034
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	39056
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	383750110
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2160073393
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.30005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.1399998e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.1001
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000918000005
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_HiSpdLearnt_Cnt_M_lgc	0
'ehDyn Initialize Cnt M lgc	0
/ehDyn_LoSpdLearnt_Cnt_M_lgc	0
/ehDyn_MaxOffset_HwDeg_M_f32	1068.03796
/ehDyn_MinOffset_HwDeg_M_f32	-503.394012
/ehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.8000002
/ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000461999996





Name	Input Value
VehDyn_SLPHwAuth_Uls_M_f32	0.675000012
VehDyn_SLPHwPos_HwDeg_M_f32	-152.75
k_HiSpdVDAuthority_Uls_f32	0.670000017
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	32.0999985
k_TravelXCDeadband_Uls_f32	25.0100002
k_TravelXCHwAuthority_Uls_f32	0.186900005
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1117112832
target_GetSystemTime_mS_u32_CurrentTime	2942063360
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-561.75
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1193.75195
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-7.0999999
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-75.9899979
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-2000
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.19999981
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	128.020004
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2942063360
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	2942063360
, =	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2160073393
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2000.30005 ± 0.009 2800.1001 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	-2000.30005 ± 0.009 2800.1001 ± 0.009 0
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	-2000.30005 ± 0.009 2800.1001 ± 0.009 0
VehDyn_AutoCntrLoSpd_M_str.Timer2_ms_u32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc	-2000.30005 ± 0.009 2800.1001 ± 0.009 0 1
VehDyn_AutoCntrLoSpd_M_str.Timer2_ms_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	-2000.30005 ± 0.009 2800.1001 ± 0.009 0 1 1 0
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_HiSpdLearnt_Cnt_M_Igc	-2000.30005 ± 0.009 2800.1001 ± 0.009 0 1 1 0 0
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_HiSpdLearnt_Cnt_M_Igc VehDyn_Initialize_Cnt_M_Igc	-2000.30005 ± 0.009 2800.1001 ± 0.009 0 1 1 0 0 1
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	-2000.30005 ± 0.009 2800.1001 ± 0.009 0 1 1 0 0 1 0 0
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	-2000.30005 ± 0.009 2800.1001 ± 0.009 0 1 1 0 0 1 1 0 1 1 0 1 0
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	-2000.30005 ± 0.009 2800.1001 ± 0.009 0 1 1 0 0 1 1 0 1 1 0 1 5 1 1 0 1 0 1 1 0 1 0 1 1 0 1
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_Uls_f32	-2000.30005 ± 0.009 2800.1001 ± 0.009 0 1 1 0 0 1 1 0 1 1 1 -2000.30005 ± 0.009 0 1 1 -3000 0 1 1 -3000 1 1 -3000 1 1 -3000 1 1 -3000 1 1 -3000 1 1 -3000 1 1 -3000 1 1 -3000 1 1 -3000 1 1 -3000 1 1 -3000 1 1 -3000 1 1 -3000 1 1 -3000 1 1 -3000 1 1 -3000
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	-2000.30005 ± 0.009 2800.1001 ± 0.009 0 1 1 0 0 1 1 0 1 1 0 1 5 1 1 0 1 0 1 1 0 1 0 1 1 0 1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte Call VehDvn Per1 CP1 CheckpointReached	1



Test Step 2.144 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	290.100006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	32.0999985
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	32821
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	14442
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.09998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.87999989e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.30005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00092000002
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc	
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	126.400002 42.5
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.400001
VenDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HWNm_132 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	4.4000001 63.2999992
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	27401
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	3589476708
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000720000011
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-2400.19995
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000432000001
VehDyn AutoCntrHiSpd M str.Filter1Enable Cnt Igc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	126.199997
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	88.1999969
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	2.20000005
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	75.1999969
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	10412
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3277
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.15999995e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00092000002
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1073.03003
VehDyn_MinOffset_HwDeg_M_f32	-496.709991
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.8000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000463000004
VehDyn_SLPHwAuth_Uls_M_f32	0.656000018
VehDyn_SLPHwPos_HwDeg_M_f32	-142.490005
k_HiSpdVDAuthority_Uls_f32	0.119999997
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	86.3000031
	23.9799995
k_TravelXCDeadband_Uls_f32	0.100124000
k_TraveIXCHwAuthority_Uls_f32	0.188124999
k_TravelXCHwAuthority_Uls_f32 target_DtrmnElapsedTime_mS_u32_ElapsedTime	1050692864
k_TravelXCHwAuthority_UIs_f32 target_DtrmnElapsedTime_mS_u32_ElapsedTime target_GetSystemTime_mS_u32_CurrentTime	1050692864 4243378688
k_TravelXCHwAuthority_Uls_f32 target_DtrmnElapsedTime_mS_u32_ElapsedTime	1050692864

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target VehDyn Per1 VehicleSpeed Kph f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-555.48999
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1188.18298
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-7.4000001
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-753.640015
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	489.024994
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4243378688
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.5 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1073.03003
VehDyn_MinOffset_HwDeg_M_f32	198.149994
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.79298687 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.119999997 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1600 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	570.099976
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	246.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21335
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	39056
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	383750110

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000387000007
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000921999977
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	78.8000031
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	226.100006 3.5
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32.2999992
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52282
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000722000026
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.200012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000436000002
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	78.0999985
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	52.0999985
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	41.0999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	26195
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22037
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.1800001e-005 -1438.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000921999977
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn Initialize Cnt M Igc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1078.02197
VehDyn_MinOffset_HwDeg_M_f32	-490.026001
VehDyn_PinTrqSV_M_str.SV_Uls_f32	17.7999992
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000464000012
VehDyn_SLPHwAuth_Uls_M_f32	0.637000024
VehDyn_SLPHwPos_HwDeg_M_f32	-132.229996
k_HiSpdVDAuthority_Uls_f32	0.75999999
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	52.5
k_TravelXCDeadband_Uls_f32	22.9500008
k_TravelXCHwAuthority_Uls_f32	0.189349994
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1736795392
target_GetSystemTime_mS_u32_CurrentTime	1117112832
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_UIs_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_Kte_inst_Ap_venDyn.venDyn_Peri_venicleSpeed_Kpn_f32 target_VehDyn_Peri_CcwEOT_HwDeg_f32.value	-549.22998
target VehDyn Per1 CwEOT_HwDeg_f32.value	1182.61401
target_vehDyn_Per1_HwTorque_HwNm_f32.value	-7.6999981
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	159.990005
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1900





Name	Input Value
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	139.063995
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	383750110
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1117112832
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-717.385986
VehDyn_MinOffset_HwDeg_M_f32	-490.026001
VehDyn_PinTrqSV_M_str.SV_UIs_f32	17.7880936 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.75999999 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1443.80005 ± 0.1

Τ	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

lame	Input Value
	•
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	497.299988
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	123.300003
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.2999992
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	45.2999992
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	12258
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27401
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.09998
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000387999986
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	3200
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000923999993
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	88.5
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	236.5
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	1.60000002
/ehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	52.5

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20423
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	31368
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.35999
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000723999983
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.19995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000440000003
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	88.3000031
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	34.2999992
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.3000002
VehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	63.2999992
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	43190
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3186
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2345892861
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.20000025e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.599976
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000923999993
VehDyn_AutoCntrl.oSpd_M_str.Filter1Enable_Cnt_lgc	0 1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Imitalized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn HiSpdLearnt Cnt M Igc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn LoSpdLearnt Cnt M Igc	0
VehDyn_MaxOffset_HwDeg_M_f32	1083.01404
VehDyn_MinOffset_HwDeg_M_f32	-483.34201
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-7
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00046499999
VehDyn_SLPHwAuth_Uls_M_f32	0.617999971
VehDyn_SLPHwPos_HwDeg_M_f32	-121.970001
k_HiSpdVDAuthority_Uls_f32	0.779999971
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	10.1000004
k_TravelXCDeadband_Uls_f32 k_TravelXCHwAuthority_Uls_f32	21.9200001 0.190575004
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3437401088
target_GetSystemTime_mS_u32_CurrentTime	1736795392
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value	-542.969971 1177.04504
target_VehDyn_Per1_LwE01_HwDeg_132.value target_VehDyn_Per1_HwTorque_HwNm_f32.value	-8
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	1100
target VehDyn Per1 RelHwPos HwDeg f32.value	-1900.52002
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.900001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	387.100006
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	3200 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Timer2mittalized_cnt_igc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1736795392
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Name	Expected Value
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.35999 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1736795392
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.599976 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1177.04504
VehDyn_MinOffset_HwDeg_M_f32	-542.969971
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-7.00023937 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.617999971 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-121.970001 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
OtrmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M Igc	1
/ehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	31.3600006
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	125.300003
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.2999992
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	78.3000031
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	29076
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	18715
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892861
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3589476708
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.200012
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000388999993
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000926000008
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	94.5
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	246.399994
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2.20000005
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	41.0999985
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	7034
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	39056
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3382212733
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3589476708
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.200012
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000725999998
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.19995
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000444000005
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	94.4000015
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	18.3999996
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.3999996
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	88.4000015
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	30404
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	30349
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.21999968e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000926000008
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc	0
VehDyn_AutoCntrloSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn MaxOffset HwDeg M f32	1088.00598
VehDyn_MinOffset_HwDeg_M_f32	-476.65799
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.30000019
VehDyn_PinTrqSV_M_str.K_UIs_f32	0.000465999998
VehDyn SLPHwAuth Uls M f32	0.598999977
VehDyn_SLPHwPos_HwDeg_M_f32	-111.709999
k_HiSpdVDAuthority_Uls_f32	0.233999997
k_LoSpdVDAuthority_UIs_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	25.1000004
k_TravelXCDeadband_Uls_f32	20.8899994
k_TravelXCHwAuthority_UIs_f32	0.191799998
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3494315776
target_GetSystemTime_mS_u32_CurrentTime	3437401088
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32 -536.710022
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1171.47595
target VehDyn Per1 HwTorque HwNm f32.value	-8.30000019
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	154.740005
target VehDyn Per1 RelHwPos HwDeg f32.value	-1482
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target VehDyn Per1 VehicleSpeed Kph f32.value	398.145599
Name	Expected Value
VehDyn AllowHiSpdAutoCntr Cnt M lgc	1
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	2345892861
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	3589476708
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.200012 ± 0.0009
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	0 ± 0.000009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3437401088
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.30005 ± 0.009

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Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1171.47595
VehDyn_MinOffset_HwDeg_M_f32	-536.710022
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.29330015 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.233999997 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

lama.	Immut Value
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	290.100006
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	32.0999985
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.1000004
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.0999985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	32821
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	14442
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.5
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000390000001
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1440.88
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000928000023
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	126.400002
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	42.7999992
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.5
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	63.4000015
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	25532
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	27401
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3589476708
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.5
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000728000014
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.1001
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000448000006
/ehDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	1
/ehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	0
/ehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	126.5
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	88.5
/ehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	2.5
/ehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	75.5
/ehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	10412
/ehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	3277
/ehDyn AutoCntrLoSpd M str.Timer1 mS u32	2760420810
/ehDyn AutoCntrLoSpd M str.Timer2 mS u32	1078320779
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.5
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.23999983e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.40002
/ehDyn_AutoChtrLoSpd_M_str.ReinwFosFilt2SV_HwDeg_str.Sv_dis_is2 /ehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.K_Uls_is2	0.000928000023

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Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1092.99805
VehDyn_MinOffset_HwDeg_M_f32	-469.973999
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.80000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000467000005
VehDyn_SLPHwAuth_Uls_M_f32	0.579999983
VehDyn_SLPHwPos_HwDeg_M_f32	-101.449997
k_HiSpdVDAuthority_UIs_f32	1
k_LoSpdVDAuthority_UIs_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	86.099985 19.860006
k_TravelXCDeadband_Uls_f32	0.193024993
k_TravelXCHwAuthority_UIs_f32 target DtrmnElapsedTime mS u32 ElapsedTime	463842816
target_GetSystemTime_mS_u32_CurrentTime	3494315776
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target VehDyn Per1 RelHwPos HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-530.450012
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1165.90698
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-8.60000038
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-753.820007
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.599999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	489
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
VehDvn AutoCntrDetSnd M atr Timer2 ms u22	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.limer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	3796740682 -1988.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.5 ± 0.009 1440.88 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	-1988.5 ± 0.009 1440.88 ± 0.009 1
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	-1988.5 ± 0.009 1440.88 ± 0.009 1
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	-1988.5 ± 0.009 1440.88 ± 0.009 1 1 1 0 3494315776
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	-1988.5 ± 0.009 1440.88 ± 0.009 1 1 1 0 3494315776 3796740682
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.5 ± 0.009 1440.88 ± 0.009 1 1 1 0 3494315776 3796740682 -1988.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.5 ± 0.009 1440.88 ± 0.009 1 1 1 0 3494315776 3796740682 -1988.5 ± 0.009 -2400.1001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	-1988.5 ± 0.009 1440.88 ± 0.009 1 1 1 0 3494315776 3796740682 -1988.5 ± 0.009 -2400.1001 ± 0.009 0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	-1988.5 ± 0.009 1440.88 ± 0.009 1 1 1 0 3494315776 3796740682 -1988.5 ± 0.009 -2400.1001 ± 0.009 0 0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	-1988.5 ± 0.009 1440.88 ± 0.009 1 1 1 0 3494315776 3796740682 -1988.5 ± 0.009 -2400.1001 ± 0.009 0 0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	-1988.5 ± 0.009 1440.88 ± 0.009 1 1 1 0 3494315776 3796740682 -1988.5 ± 0.009 -2400.1001 ± 0.009 0 0 1
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	-1988.5 ± 0.009 1440.88 ± 0.009 1 1 1 0 3494315776 3796740682 -1988.5 ± 0.009 -2400.1001 ± 0.009 0 0 1 3494315776
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	-1988.5 ± 0.009 1440.88 ± 0.009 1 1 1 0 3494315776 3796740682 -1988.5 ± 0.009 -2400.1001 ± 0.009 0 0 1 3494315776 1078320779
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.5 ± 0.009 1440.88 ± 0.009 1 1 1 0 3494315776 3796740682 -1988.5 ± 0.009 -2400.1001 ± 0.009 0 0 1 3494315776 1078320779 -753.5 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.5 ± 0.009 1440.88 ± 0.009 1 1 1 0 3494315776 3796740682 -1988.5 ± 0.009 -2400.1001 ± 0.009 0 0 1 3494315776 1078320779 -753.5 ± 0.0009 1988.40002 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.5 ± 0.009 1440.88 ± 0.009 1 1 1 0 3494315776 3796740682 -1988.5 ± 0.009 -2400.1001 ± 0.009 0 0 1 3494315776 1078320779 -753.5 ± 0.0009 1988.40002 ± 0.009 0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	-1988.5 ± 0.009 1440.88 ± 0.009 1 1 1 0 3494315776 3796740682 -1988.5 ± 0.009 -2400.1001 ± 0.009 0 0 1 3494315776 1078320779 -753.5 ± 0.0009 1988.40002 ± 0.009 0 1
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	-1988.5 ± 0.009 1440.88 ± 0.009 1 1 1 0 3494315776 3796740682 -1988.5 ± 0.009 -2400.1001 ± 0.009 0 0 1 3494315776 1076320779 -753.5 ± 0.0009 1988.40002 ± 0.009 0 1 1
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Sintialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	-1988.5 ± 0.009 1440.88 ± 0.009 1 1 1 0 3494315776 3796740682 -1988.5 ± 0.009 -2400.1001 ± 0.009 0 0 1 3494315776 1078320779 -753.5 ± 0.0009 1988.40002 ± 0.009 0 1 1 1 1
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Spable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Spl.32 VehDyn_AutoCntrLoSpd_M_str.Filter1Spl.32 VehDyn_AutoCntrLoSpd_M_str.Filter1Spl.32 VehDyn_AutoCntrLoSpd_M_str.Filter1Spl.32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	-1988.5 ± 0.009 1440.88 ± 0.009 1 1 1 0 3494315776 3796740682 -1988.5 ± 0.009 -2400.1001 ± 0.009 0 0 1 3494315776 1078320779 -753.5 ± 0.0009 1988.40002 ± 0.009 0 1 1 1 1 0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	-1988.5 ± 0.009 1440.88 ± 0.009 1 1 1 0 3494315776 3796740682 -1988.5 ± 0.009 -2400.1001 ± 0.009 0 0 1 3494315776 1078320779 -753.5 ± 0.0009 1988.40002 ± 0.009 0 1 1 1 1 0 1
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	-1988.5 ± 0.009 1440.88 ± 0.009 1 1 1 0 3494315776 3796740682 -1988.5 ± 0.009 -2400.1001 ± 0.009 0 0 1 3494315776 1078320779 -753.5 ± 0.0009 1988.40002 ± 0.009 0 1 1 1 0 1
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_AuxoCffset_HwDeg_M_f32	-1988.5 ± 0.009 1440.88 ± 0.009 1 1 1 0 3494315776 3796740682 -1988.5 ± 0.009 -2400.1001 ± 0.009 0 0 1 3494315776 1078320779 -753.5 ± 0.0009 1988.40002 ± 0.009 0 1 1 1 0 10 11 10 11 11
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Sp.u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	-1988.5 ± 0.009 1440.88 ± 0.009 1 1 1 0 3494315776 3796740682 -1988.5 ± 0.009 -2400.1001 ± 0.009 0 0 1 3494315776 1078320779 -753.5 ± 0.0009 1988.40002 ± 0.009 0 1 1 1 0 1
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_AuxoCffset_HwDeg_M_f32	-1988.5 ± 0.009 1440.88 ± 0.009 1 1 1 0 3494315776 3796740682 -1988.5 ± 0.009 -2400.1001 ± 0.009 0 0 1 3494315776 1078320779 -753.5 ± 0.0009 1988.40002 ± 0.009 0 1 1 1 0 1 1 0 10 10 10



T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.149 (Repeat Count = 1)	
lame	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	604.5
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	124.5
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.5
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	32.5
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	40437
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	52716
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420810
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.40002
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000391000009
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1200.56006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00092999998
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124.400002
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	124.5
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	6.5999999
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	88.9000015
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21364
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52716
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3796740682
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004657
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.59998
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000730000029
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.1001
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000452000007
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1.
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	124.699997
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	76.6999969
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.69999981
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	97.6999969
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	16683
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22497
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.299988
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.25999998e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.30005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00092999998
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	0
ehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn HiSpdLearnt Cnt M Igc	1
ehDyn_Initialize_Cnt_M_lgc	1
ehDyn_LoSpdLearnt_Cnt_M_lgc	1
/ehDyn_MaxOffset_HwDeg_M_f32	1097.98999
ehDyn_MinOffset_HwDeg_M_f32	-463.290009
ehDyn_PinTrqSV_M_str.SV_Uls_f32	3.20000005
ehDyn_FinTrqSV_M_str.K_Uls_f32	0.000468000013





Name	Input Value
VehDyn SLPHwAuth Uls M f32	0.56099999
VehDyn_SLPHwPos_HwDeg_M_f32	-91.1900024
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	56.2999992
k_TravelXCDeadband_Uls_f32	18.8299999
k_TravelXCHwAuthority_Uls_f32	0.194250003
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1759885568
target_GetSystemTime_mS_u32_CurrentTime	463842816
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-524.190002 1160.33801
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	-8.8999962
target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1253.87
target VehDyn Per1 RelHwPos HwDeg f32.value	456.269989
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-7.30000019
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	500
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	463842816
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.40002 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1200.56006 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.59998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.1001 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	2967684784
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.299988 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.30005 ± 0.009
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt Igc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	704.067993
VehDyn_MinOffset_HwDeg_M_f32	-463.290009
VehDyn_PinTrqSV_M_str.SV_UIs_f32	3.19427657 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.56099999 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-91.1900024 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1



Test Step 2.150 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	554.200012
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	84.1999969
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.19999981
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52.2000008
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	2291
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	7778
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000391999987
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000931999995
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_Igc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	456.5
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	35.7000008
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.3999996
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	75.5 33198
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	7778
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	4004004657
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.19995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000731999986
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1438.09998
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000456000009
VehDyn AutoCntrHiSpd M str.Filter1Enable Cnt Igc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	456.700012
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	86.8000031
VehDyn AutoCntrLoSpd M str.FiltPinTrq HwNm f32	6.80000019
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.8000031
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	5235
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	27074
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.28000014e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000931999995
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1102.98206
VehDyn_MinOffset_HwDeg_M_f32	-456.605988
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.4000001
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000468999991
VehDyn_SLPHwAuth_Uls_M_f32	0.541999996
VehDyn_SLPHwPos_HwDeg_M_f32	-80.9300003
k_HiSpdVDAuthority_UIs_f32	1
k_LoSpdVDAuthority_UIs_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	54.5
k_TravelXCDeadband_Uls_f32	17.7999992
k_TravelXCHwAuthority_UIs_f32	0.195474997
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1662097408
target_GetSystemTime_mS_u32_CurrentTime	1759885568
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target VehDyn Per1 VehicleSpeedValid Cnt Igc
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target VehDyn Per1 VehicleSpeed Kph f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-517.929993
target VehDyn Per1 CwEOT HwDeg f32.value	1154.76904
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.19999981
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.869995
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-2500
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	1.29999995
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	0
target VehDyn Per1 VehicleSpeed Kph f32.value	499.440002
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1759885568
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	1759885568
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892861
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-2500.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn Initialize Cnt M Igc	1
VehDyn LoSpdLearnt Cnt M Igc	0
VehDyn MaxOffset HwDeg M f32	1154.76904
VehDyn_MinOffset_HwDeg_M_f32	-517.929993
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.40177107 ± 0.000009
target VehDyn Per1 SensorlessAuthority Uls f32.value	0.541999996 ± 0.004
	-80,9300003 ± 0.1
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-00.93000003 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.151 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	600.099976
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	64.0999985
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	41.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	38868

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199995 1800011 22 11 11 13 15 100001 16 10001
2 11 12 13 14 13 15 100001 16
2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
99995 8 900011 2 1 1 3 15 9 90001 6
8 200011 2 2 1 3 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
2 1 31 33 35 500001
2 1 31 33 35 500001
1 11 13 15 100001 6
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Dyn_Per1_CcwEOT_HwDeg_f32
Dyn_Per1_CwEOT_HwDeg_f32
Dyn_Per1_HwTorque_HwNm_f32
Dyn_Per1_MotorVelCRF_MtrRadpS_f32
Dyn_Per1_RelHwPos_HwDeg_f32
Dyn_Per1_SensorlessAuthority_Uls_f32
Dyn_Per1_SensorlessHwPos_HwDeg_f32
Dvn Per1 TorqueCmdCRF MtrNm f32
Dyn_Per1_TorqueCmdCRF_MtrNm_f32 Dyn_Per1_VehicleSpeedValid_Cnt_loc
Dyn_Per1_VehicleSpeedValid_Cnt_Igc
Dyn_Per1_VehicleSpeedValid_Cnt_lgc Dyn_Per1_VehicleSpeed_Kph_f32
Dyn_Per1_VehicleSpeedValid_Cnt_lgc Dyn_Per1_VehicleSpeed_Kph_f32 3
Dyn_Per1_VehicleSpeedValid_Cnt_lgc Dyn_Per1_VehicleSpeed_Kph_f32
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Name	Input Value
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	2600.09009
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	120
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.3999 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.59998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1662097408
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2160073393
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.099976 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.80005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1149.19995
VehDyn_MinOffset_HwDeg_M_f32	-511.670013
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.59202719 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.523000002 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-70.6699982 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

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Test Step 2.152 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	554.5
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	84.5
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.5
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52.5
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	2291
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	7778
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000394000002
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000936000026
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	456.200012
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	35.7999992

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.3999996
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	75.8000031
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	33198
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	7778
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004657
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000736000016
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000464000012
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	1
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	456.899994
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	86.8000031
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.80000019
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.8000031
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	5235
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27074
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.31999971e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000936000026
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn MaxOffset HwDeg M f32	1112.96594
VehDyn_MinOffset_HwDeg_M_f32	-443.238007
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-5.400001
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000471000007
VehDyn_SLPHwAuth_Uls_M_f32	0.504000008
VehDyn_SLPHwPos_HwDeg_M_f32	-60.4099998
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	54.0999985
k TravelXCDeadband Uls f32	15.7399998
k_TravelXCHwAuthority_Uls_f32	0.197925001
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target_DtrmnElapsedTime_mS_u32_ElapsedTime	1050692864
target_GetSystemTime_mS_u32_CurrentTime	4243378688
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
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target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -505.410004
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -505.410004 1143.63098
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -505.410004 1143.63098 -9.80000019
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -505.410004 1143.63098 -9.80000019 -835
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -505.410004 1143.63098 -9.80000019 -835 -2500.04004
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -505.410004 1143.63098 -9.80000019 -835
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -505.410004 1143.63098 -9.80000019 -835 -2500.04004
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -505.410004 1143.63098 -9.80000019 -835 -2500.04004 1.29999995
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -505.410004 1143.63098 -9.80000019 -835 -2500.04004 1.29999995 0 499.410004
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_Igc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -505.410004 1143.63098 -9.80000019 -835 -2500.04004 1.29999995 0 499.410004 Expected Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -505.410004 1143.63098 -9.80000019 -835 -2500.04004 1.29999995 0 499.410004 Expected Value 0
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -505.410004 1143.63098 -9.80000019 -835 -2500.04004 1.29999995 0 499.410004 Expected Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -505.410004 1143.63098 -9.80000019 -835 -2500.04004 1.29999995 0 499.410004 Expected Value 0
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -505.410004 1143.63098 -9.80000019 -835 -2500.04004 1.29999995 0 499.410004 Expected Value 0 4243378688
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_Igc.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_Igc.value target_VehDyn_Rer1_VehicleSpeed_Kph_f32.value VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -505.410004 1143.63098 -9.80000019 -835 -2500.04004 1.29999995 0 499.410004 Expected Value 0 4243378688 3174948759
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -505.410004 1143.63098 -9.80000019 -835 -2500.04004 1.29999995 0 499.410004 Expected Value 0 4243378688 3174948759 1991.5 ± 0.009 -1988.5 ± 0.009
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadps_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Fiiter1Enable_Cnt_lgc	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -505.410004 1143.63098 -9.80000019 -835 -2500.04004 1.299999995 0 499.410004 Expected Value 0 4243378688 3174948759 1991.5 ± 0.009 -1988.5 ± 0.009 0
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -505.410004 1143.63098 -9.80000019 -835 -2500.04004 1.29999995 0 499.410004 Expected Value 0 4243378688 3174948759 1991.5 ± 0.009 -1988.5 ± 0.009





Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004657
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1112.96594
VehDyn_MinOffset_HwDeg_M_f32	1994.63
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.40206099 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.504000008 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-60.4099998 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_132	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

rest Step 2.155 (Repeat Count - 1)	Test Step 2.153 (Repeat Count = 1)		
Name	Input Value		
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime		
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn		
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1		
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	200.399994		
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	52.4000015		
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.3999996		
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	63.0999985		
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53970		
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58869		
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0		
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	219286216		
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.3999		
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00039500001		
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.59998		
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000937999983		
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1		
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1		
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1		
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0		
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	159		
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	68.1999969		
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.7999992		
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.6999969		
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258		
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416		
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024		
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322		
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.19995		
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000737999973		
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.30005		
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000468000013		
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1		
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0		
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0		

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VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 412.799988 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 106.900002 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 10.8999996 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 12.8999996 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 13352 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 14442 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3589476708 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2760420810 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -2400.80005 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 7.33999987e-005 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 0.000937999983 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000937999983 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 1	
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 106.900002 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 10.8999996 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 12.8999996 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 13352 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 14442 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3589476708 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2760420810 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -2400.80005 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 7.33999987e-005 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1438.30005 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000937999983 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 1	
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32 10.8999996 VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 12.8999996 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 13352 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 14442 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3589476708 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2760420810 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -2400.80005 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 7.33999987e-005 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1438.30005 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000937999983 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 1	
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32 12.8999996 VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 13352 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 14442 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3589476708 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2760420810 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -2400.80005 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 7.33999987e-005 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1438.30005 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000937999983 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 1	
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16 13352 VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 14442 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3589476708 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2760420810 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -2400.80005 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 7.33999987e-005 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1438.30005 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000937999983 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 1	
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16 14442 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3589476708 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2760420810 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -2400.80005 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 7.33999987e-005 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1438.30005 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000937999983 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 1	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3589476708 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2760420810 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -2400.80005 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 7.33999987e-005 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1438.30005 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000937999983 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 1	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2760420810 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -2400.80005 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 7.33999987e-005 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1438.30005 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000937999983 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 1	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -2400.80005 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32 7.33999987e-005 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1438.30005 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_UIs_f32 0.000937999983 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 1	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32 7.33999987e-005 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -1438.30005 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 0.000937999983 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 1	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -1438.30005 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 0.000937999983 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 1	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 0.000937999983 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc 1 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc 1	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 1	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 1	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 1	
/ =	
VID ALOUE OLD LET OF THE OUT TO A COLUMN	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 1	
VehDyn_HiSpdLearnt_Cnt_M_lgc 0 VehDyn Initialize Cnt M_lgc 1	
,	
VehDyn_LoSpdLearnt_Cnt_M_lgc 0	
VehDyn_MaxOffset_HwDeg_M_f32 1117.95801	
VehDyn_MinOffset_HwDeg_M_f32 -436.553986	
VehDyn_PinTrqSV_M_str.SV_UIs_f32	
VehDyn_PinTrqSV_M_str.K_Uls_f32	
VehDyn_SLPHwAuth_Uls_M_f32 0.485000014 VehDyn_SLPHwPos_HwDeg_M_f32 -50.1500015	
7 2 72 72 73	
k_HiSpdVDAuthority_Uls_f32 1	
k_SysKinRatio_MtrDegpHwDeg_f32 63.5	
k TravelXCDeadband Uls f32 14.71	
k_TraveIXCHwAuthority_Uls_f32 0.199149996	
target_DtrmnElapsedTime_mS_u32_ElapsedTime 4243378688	
target GetSystemTime mS u32 CurrentTime 2127166208	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32	T HwDea f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_MtrRadpS_f32 target_	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwDeg_f32 target_VehDyn_Per1_RelHwDeg_f32 target_VehDyn_Per1_RelHwD	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	. – –
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleS	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value -499.149994	
target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1138.06201	
target_VehDyn_Per1_HwTorque_HwNm_f32.value -4.4000001	
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value -456.359985	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value -2400.07007	
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value -4.5999999	
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value 0	
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 230	
Name Expected Value	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 1	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 0	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 219286216	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 2800.3999 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 1991.59998 ± 0.009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2127166208	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 54822322	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 2800.19995 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -1988.30005 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 0	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 0	
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 2127166208	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2760420810	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -2400.80005 ± 0.009	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1438.30005 ± 0.009	

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Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1117.95801
VehDyn_MinOffset_HwDeg_M_f32	1900.92004
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.49718106 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.485000014 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-50.1500015 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Innut Value
	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	457.100006
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	34.099985
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.1000004
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	88.0999985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	20423
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	18715
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4294967295
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	274107514
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000395999989
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.5
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00093999998
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	10.1999998
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	45
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18.1700001
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	42.7999992
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	29076
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	43868
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	54822322
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.5
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000739999989
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.30005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000472000014
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	10.3000002
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	116.300003
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.3000002
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	53.2999992
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21364
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52716
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3796740682
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.5
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	7.36000002e-005

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Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.59998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000939999998
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0 0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn LoSpdLearnt Cnt M Igc	
VehDyn MaxOffset HwDeg M f32	1122.94995
VehDyn_MinOffset_HwDeg_M_f32	-429.869995
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60000002
VehDyn_PinTrqSV_M_str.K_UIs_f32	0.000472999993
VehDyn_SLPHwAuth_Uls_M_f32	0.465999991
VehDyn_SLPHwPos_HwDeg_M_f32	-39.8899994
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	88.3000031
k_TravelXCDeadband_Uls_f32	13.6800003
k_TravelXCHwAuthority_UIs_f32	0.200375006
target_DtrmnElapsedTime_mS_u32_ElapsedTime target GetSystemTime mS u32 CurrentTime	1050692864 4243378688
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target VehDyn Per1 CcwEOT HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target VehDyn Per1 CwEOT HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-492.890015
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1132.49304
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-2 1199
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	2800.06006
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.9000001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	245
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4243378688
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	274107514
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1024 -1438.5 ± 0.009
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1988.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.59998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrl_oSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0 1
VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	1
·	1
vendyn Lospaceami Chi W iac	
VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	1132.49304
VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	1132.49304 -492.890015
VehDyn_MaxOffset_HwDeg_M_f32	





Name	Expected Value
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-39.8899994 ± 0.1

Τ	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

lamo	Innut Value
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	9.39999962
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	18.399996
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.3999996
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	75.4000015
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	7034
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36416
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	255468
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	328928812
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.400024
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000396999996
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.6001
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000942000013
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	56
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	96.1999969
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.06999969
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	12.3999996
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	32821
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	53946
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	109643620
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1950.19995
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000742000004
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.40002
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000475999987
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	56.0999985
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	126.099998
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.099985
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	33198
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	7778
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004657
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948759
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.80005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.38000017e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.80005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000942000013
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
'ehDyn_HiSpdLearnt_Cnt_M_lgc	0
ehDyn Initialize Cnt M lgc	0
/ehDyn_LoSpdLearnt_Cnt_M_lgc	0
/ehDyn_MaxOffset_HwDeg_M_f32	1127.94202
/ehDyn_MinOffset_HwDeg_M_f32	-423.186005
/ehDyn_PinTrqSV_M_str.SV_UIs_f32	-14.8000002
/ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000474





Name	Input Value
VehDyn SLPHwAuth Uls M f32	0.446999997
VehDyn SLPHwPos HwDeg M f32	-29.6299992
k HiSpdVDAuthority Uls f32	1
k LoSpdVDAuthority UIs f32	0
k SysKinRatio MtrDegpHwDeg f32	96.0999985
k TravelXCDeadband Uls f32	12.6499996
k TravelXCHwAuthority Uls f32	0.2016
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3039943680
target_GetSystemTime_mS_u32_CurrentTime	1050692864
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-486.630005
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1126.92395
target_VehDyn_Per1_HwTorque_HwNm_f32.value	5
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1299.41003
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1438.06995
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.89999998
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	387.73999
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	255468
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.400024 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.6001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1050692864
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1950.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.40002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1050692864
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.80005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.80005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1126.92395
VehDyn_MinOffset_HwDeg_M_f32	-486.630005
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-14.7906246 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.446999997 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-29.6299992 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte Call VehDvn Per1 CP1 CheckpointReached	1



Fest Step 2.156 (Repeat Count = 1)	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M Igc	0
/ehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	533.099976
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	88.4000015
/ehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	2.4700003
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	10.3999996
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25532
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36612
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.600006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000398000004
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.5
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000944000029
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86.1999969
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	129
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.80000019
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	53.2999992
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	40437
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	13059
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	164464918
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1078320779
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1885.25
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000744000019
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2000.40002
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000479999988
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	86.1999969
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	136.199997
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.2000008
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.1999969
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21335
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	34188
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.5
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.40000032e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	142.600006
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000944000029
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_HiSpdLearnt_Cnt_M_lgc	1
/ehDyn_Initialize_Cnt_M_lgc	1
/ehDyn_LoSpdLearnt_Cnt_M_lgc	1
/ehDyn_MaxOffset_HwDeg_M_f32	1132.93396
/ehDyn_MinOffset_HwDeg_M_f32	-416.502014
/ehDyn_PinTrqSV_M_str.SV_UIs_f32	17.7999992
/ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000475000008
/ehDyn_SLPHwAuth_Uls_M_f32	0.428000003
/ehDyn_SLPHwPos_HwDeg_M_f32	-19.3700008
x_HiSpdVDAuthority_UIs_f32	0
c_LoSpdVDAuthority_Uls_f32	1
c_SysKinRatio_MtrDegpHwDeg_f32	32.0999985
C_TravelXCDeadband_Uls_f32	11.6199999
C_TravelXCHwAuthority_Uls_f32	0.202824995
arget_DtrmnElapsedTime_mS_u32_ElapsedTime	1316564736
arget_GetSystemTime_mS_u32_CurrentTime	3039943680
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target VehDyn Per1 RelHwPos HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target VehDyn Per1 VehicleSpeedValid Cnt Igc
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target VehDyn Per1 VehicleSpeed Kph f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-480.369995
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1121.35498
target_VehDyn_Per1_HwTorque_HwNm_f32.value	5.55999994
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-147
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	753.640015
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	8.19999981
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	1
target VehDyn Per1 VehicleSpeed Kph f32.value	398
Name	
	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3039943680
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.600006 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	164464918
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1885.25 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2000.40002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.5 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	142.600006 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	367.714996
VehDyn_MinOffset_HwDeg_M_f32	-416.502014
VehDyn_PinTrqSV_M_str.SV_UIs_f32	17.7943077 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.428000003 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-19.3700008 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.157 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	570.02002	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	76.1999969	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.19999981	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	25.2000008	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	49475	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22037	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948759	

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4294967295
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.3999
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000399000011
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.59998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000945999986
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	75.1999969
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	88.8000031 16.0300007
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.9000015
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2291
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58929
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	219286216
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1887.09998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000745999976
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1900.40002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000483999989
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	75.4000015
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	146.399994
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.3999996
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	45.4000015
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.59998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.41999975e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.80005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000945999986
VehDyn_AutoCntrloSpd_M_str.Filter1Enable_Cnt_lgc	0 1
VehDyn_AutoCntrloSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn Initialize Cnt M lqc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1137.92603
VehDyn MinOffset HwDeg M f32	-409.817993
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-7
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000475999987
VehDyn SLPHwAuth Uls M f32	0.409000009
VehDyn_SLPHwPos_HwDeg_M_f32	-9.10999966
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	52.2999992
k_TravelXCDeadband_Uls_f32	10.5900002
k_TravelXCHwAuthority_Uls_f32	0.204050004
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2075080192
target_GetSystemTime_mS_u32_CurrentTime	1316564736
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	target_VehDyn_Per1_VehicleSpeed_Kph_f32 -474.109985
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value	target_VehDyn_Per1_VehicleSpeed_Kph_f32 -474.109985 1115.78601
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value	target_VehDyn_Per1_VehicleSpeed_Kph_f32 -474.109985 1115.78601 6.11999989
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value	target_VehDyn_Per1_VehicleSpeed_Kph_f32 -474.109985 1115.78601





Name	Input Value
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	489.450012
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4294967295
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.3999 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.59998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1316564736
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1887.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.40002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1316564736
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.59998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.80005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1137.92603
VehDyn_MinOffset_HwDeg_M_f32	1514.70996
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-6.99383116 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.409000009 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-9.10999966 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.158 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	497.100006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	86.0999985
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.099999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	43128
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3186
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	255468
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.599976
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00039999999
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.09998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000948000001
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	98.8000031
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	76.0999985

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.04
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.4000015
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	38868
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	57944
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1753.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000747999991
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000487999991
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	98.5
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156.5
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3.5
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	78.5
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	34738
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36612
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	1988.40002
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.4399999-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	-1482.59998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000948000001
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1142.91797
VehDyn_MinOffset_HwDeg_M_f32	-403.134003
VehDyn_PinTrqSV_M_str.SV_UIs_f32	6.30000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000476999994
VehDyn_SLPHwAuth_Uls_M_f32	0.38999986
VehDyn_SLPHwPos_HwDeg_M_f32	1.14999998
k_HiSpdVDAuthority_UIs_f32	0
k_LoSpdVDAuthority_UIs_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	10.1000004
k_TravelXCDeadband_Uls_f32	9.56000042
k_TraveIXCHwAuthority_Uls_f32	0.205274999
arget_DtrmnElapsedTime_mS_u32_ElapsedTime	954802432
target_GetSystemTime_mS_u32_CurrentTime	2075080192
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
arget_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
arget_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
arget_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
arget_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
arget_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 arget VehDyn Per1 CcwEOT HwDeg f32.value	0 = 7 = = 1 = 1 =
	-467.850006
arget_VehDyn_Per1_CwEOT_HwDeg_f32.value	1110.21704
arget_VehDyn_Per1_HwTorque_HwNm_f32.value	6.67999983
arget_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-75.4400024 1988.28003
arget_VehDyn_Per1_RelHwPos_HwDeg_f32.value	4.900001
arget_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001
arget_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	500
arget_VehDyn_Per1_VehicleSpeed_Kph_f32.value	
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	3382212733
, - ,	255468
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.599976 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1885.09998 ± 0.009 0





Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2075080192
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1750.50134 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.40002 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.59998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1110.21704
VehDyn_MinOffset_HwDeg_M_f32	-467.850006
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.30041265 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.389999986 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1.14999998 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
DtrmnElapsedTime_mS_u32	1
GetSystemTime_mS_u32	2
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.159 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	31.2999992
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	96.3000031
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.30000019
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	56.2999992
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53759
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	30349
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.399994
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000400999998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	142.300003
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000950000016
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	66.5
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	86.5999985
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	12.0500002
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	45.5999985
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52282
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	935.200012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000750000007
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000492000021
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	66.5999985
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	126.599998
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	5.5999999
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.5999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	37799
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	41632
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	109643620
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	4004004657
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.59998
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	7.46000005e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.80005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000950000016
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn HiSpdLearnt Cnt M Igc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1147.91003
VehDyn_MinOffset_HwDeg_M_f32	-396.450012
VehDyn_PinTrqSV_M_str.SV_Uls_f32	15.1999998
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000478000002
VehDyn_SLPHwAuth_Uls_M_f32	0.370999992
VehDyn_SLPHwPos_HwDeg_M_f32	11.4099998
	0
k_HiSpdVDAuthority_UIs_f32	
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	25.2999992
k_TravelXCDeadband_Uls_f32	8.52999973
k_TravelXCHwAuthority_Uls_f32	0.206499994
target DtrmnElapsedTime mS u32 ElapsedTime	2728878080
target_GetSystemTime_mS_u32_CurrentTime	954802432
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 TorqueCmdCRF MtrNm f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeedValid Cnt Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target VehDyn Per1 CcwEOT HwDeg f32.value	-461.589996
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target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1104.64795
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7.23999977
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	154
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1991.93994
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	-4.5
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target VehDyn Per1 VehicleSpeed Kph f32.value	75
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.399994 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	142.300003 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	954802432
	2553156835
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32	935.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	-1482.5 ± 0.009 0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	-1482.5 ± 0.009 0 0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	-1482.5 ± 0.009 0 0 0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	-1482.5 ± 0.009 0 0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	-1482.5 ± 0.009 0 0 0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	-1482.5 ± 0.009 0 0 0 1
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	-1482.5 ± 0.009 0 0 0 1 109643620

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VehDyn_Per1



Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.80005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1104.64795
VehDyn_MinOffset_HwDeg_M_f32	-461.589996
VehDyn_PinTrqSV_M_str.SV_UIs_f32	15.1961098 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.370999992 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	11.4099998 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

ame	Input Value
trmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
etSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
te Inst Ap VehDyn	target Rte Inst Ap VehDyn
ehDyn AllowHiSpdAutoCntr Cnt M Igc	1
	290.299988
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	106.300003
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.3000002
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	54.2999992
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13352
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3277
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3796740682
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.6001
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000402000005
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.09998
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000951999973
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
hDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
nDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
hDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	34.2999992
hDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	96.8000031
hDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10.0500002
hDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	78.5
hDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20423
hDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	31368
hDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	383750110
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420810
ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-888.299988
hDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000752000022
ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-753.200012
ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000495999993
ehDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
hDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
	0
hDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	34.099985
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	136.100006
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	1.10000002
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	32.0999985
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	26195
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22037
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	164464918
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.40002
hDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.4800002e-005

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Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000951999973
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1152.90198
VehDyn_MinOffset_HwDeg_M_f32	-389.765991 14
VehDyn_PinTrqSV_M_str.SV_UIs_f32 VehDyn_PinTrqSV_M_str.K_UIs_f32	0.000479000009
VehDyn_SLPHwAuth_Uls_M_f32	0.000479000009
VehDyn SLPHwPos HwDeg M f32	21.6700001
k_HiSpdVDAuthority_Uls_f32	1
k LoSpdVDAuthority Uls f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	86.3000031
k_TravelXCDeadband_Uls_f32	7.5
k_TravelXCHwAuthority_Uls_f32	0.207725003
target_DtrmnElapsedTime_mS_u32_ElapsedTime	824746752
target_GetSystemTime_mS_u32_CurrentTime	2728878080
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-455.329987
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1099.07898
target_VehDyn_Per1_HwTorque_HwNm_f32.value	7.80000019
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.440002
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1987.75
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	4.9000001 1
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	4.900001 1 99.9639969
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name	4.900001 1 99.9639969 Expected Value
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	4.900001 1 99.9639969 Expected Value 1
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4.900001 1 99.9639969 Expected Value 1 3796740682
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4.900001 1 99.9639969 Expected Value 1 3796740682 3174948759
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	4.900001 1 99.9639969 Expected Value 1 3796740682 3174948759 -2500.6001 ± 0.009
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	4.900001 1 99.9639969 Expected Value 1 3796740682 3174948759 -2500.6001 ± 0.009 -1900.09998 ± 0.009
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	4.900001 1 99.9639969 Expected Value 1 3796740682 3174948759 -2500.6001 ± 0.009 -1900.09998 ± 0.009 0
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	4.900001 1 99.9639969 Expected Value 1 3796740682 3174948759 -2500.6001 ± 0.009 -1900.09998 ± 0.009 0
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	4.900001 1 99.9639969 Expected Value 1 3796740682 3174948759 -2500.6001 ± 0.009 -1900.09998 ± 0.009 0
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	4.900001 1 99.9639969 Expected Value 1 3796740682 3174948759 -2500.6001 ± 0.009 -1900.09998 ± 0.009 0 1
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	4.900001 1 99.9639969 Expected Value 1 3796740682 3174948759 -2500.6001 ± 0.009 -1900.09998 ± 0.009 0 1 1
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4.900001 1 99.9639969 Expected Value 1 3796740682 3174948759 -2500.6001 ± 0.009 -1900.09998 ± 0.009 0 1 1 2728878080
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4.900001 1 99.9639969 Expected Value 1 3796740682 3174948759 -2500.6001 ± 0.009 -1900.09998 ± 0.009 0 1 1 2728878080 2760420810
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	4.900001 1 99.9639969 Expected Value 1 3796740682 3174948759 -2500.6001 ± 0.009 -1900.09998 ± 0.009 0 1 1 2728878080 2760420810 -888.299988 ± 0.0009
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	4.900001 1 99.9639969 Expected Value 1 3796740682 3174948759 -2500.6001 ± 0.009 -1900.09998 ± 0.009 0 1 1 2728878080 2760420810 -888.299988 ± 0.0009 -753.200012 ± 0.0009
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	4.900001 1 99.9639969 Expected Value 1 3796740682 3174948759 -2500.6001 ± 0.009 -1900.09998 ± 0.009 0 1 1 2728878080 2760420810 -888.299988 ± 0.0009 -753.200012 ± 0.0009 0
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Enable_Cnt_lgc	4.9000001 1 99.9639969 Expected Value 1 3796740682 3174948759 -2500.6001 ± 0.009 -1900.09998 ± 0.009 0 1 1 1 2728878080 2760420810 -888.299988 ± 0.0009 -753.200012 ± 0.0009 0 1
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Spd_M_str.Sidespalespalespalespalespalespalespalespal	4.900001 1 99.9639969 Expected Value 1 3796740682 3174948759 -2500.6001 ± 0.009 -1900.09998 ± 0.009 0 1 1 2728878080 2760420810 -888.299988 ± 0.0009 0 1 1 1 1 1
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target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	4.900001 1 99.9639969 Expected Value 1 3796740682 3174948759 -2500.6001 ± 0.009 -1900.09998 ± 0.009 0 0 1 1 1 2728878080 2760420810 -888.299988 ± 0.0009 0 1 1 1 0 164464918 54822322 -2000.40002 ± 0.009 -1900.59998 ± 0.009 1 0 1 0
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target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_FinTrqSV_M_str.SV_Uls_f32 VehDyn_PinTrqSV_	4.900001 1 99.9639969 Expected Value 1 3796740682 3174948759 -2500.6001 ± 0.009 -1900.09998 ± 0.009 0 0 1 1 1 2728878080 2760420810 -888.299988 ± 0.0009 0 1 1 1 0 0 1 1 1 1 1 0 0 1 1 1 1 1
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Rimer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Rimer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Rimer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Rilter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1DetSple_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1DetSple_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc Veh	4.900001 1 99.9639969 Expected Value 1 13796740682 3174948759 -2500.6001 ± 0.009 -1900.09998 ± 0.009 0 1 1 1 2728878080 2760420810 -888.299988 ± 0.0009 0 1 1 1 0 1 1 0 164464918 54822322 -2000.40002 ± 0.009 -1900.59998 ± 0.009 1 0 0 1 1 1 1 0 0 1888.879998 ± 0.009 1 1 1 1 0 0 1888.871021 -888.671021 -889.765991

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target Reinst Ap, VeliDyn Nert CowCOT Hw0eg, 12 target Neine Hard, VeliDyn Nert CowCOT Hw0eg, 12 target Neine Hard, VeliDyn Nert LowCOT Hw0eg, 12 target Rein, Bat Ap, VeliDyn Nert Jw Torque Hwfm, 12 target Rein, Bat Ap, VeliDyn Nert Jw Torque Hwfm, 12 target Neine Hard, VeliDyn Nert Jw Torque Hwfm, 12 target Rein, Bat Ap, VeliDyn Nert Jw Hw0ep, 120 target Rein, Bat Ap, VeliDyn Nert Jw Hw0ep, 120 target Neine Hard, 12 target Rein, Bat Ap, VeliDyn Nert Jw Hw0ep, 120 target Neine Hard, 12 target Neine Hard, 12 target Rein, Bat Ap, VeliDyn Nert Jw Hw0ep, 120 target Neine Hard, 12 target Neine Hard, 12 target Rein, Bat Ap, VeliDyn Nert Jw Hw0ep, 120 target Neine Hard, 12 target Neine Hard, 12 target Rein, Bat Ap, VeliDyn Nert Jw Hw0ep, 120 target Neine Hard, 12 target Neine Hard, 12 target Neine Jw Hw0ep, 120 target Neine Hard, 12 target Neine Hard, 12 target Neine Jw Hw0ep, 120 target Neine Hard, 12 target Neine Hard, 12 target Neine Jw Hw0ep, 120 target Neine Hard, 12 target Neine Hard, 12 target Neine Jw Hw0ep, 120 target Neine Hard, 12 target Neine Hard, 12 target Neine Jw Hw0ep, 120 target Neine Hard, 12 target Neine Hard, 12 target Neine Jw Hw0ep, 120		
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target, Rein, Bar, A.D. VehDyn, VehDyn, Perf. Reihvino, 1-Mode, 152 target, VehDyn, Perf. Reihvinos, 1-Mode, 152 target, Rein, Bar, A.D. VehDyn, VehDyn, Perf. Sensorieses-Markon, 1-Mode, 152 target, Rein, Bar, A.D. VehDyn, VehDyn, Perf. Sensorieses-Markon, 140 target, Rein, Bar, A.D. VehDyn, VehDyn, Perf. Cymichost-Self-Rein, 140 target, Rein, Bar, A.D. VehDyn, VehDyn, Perf. Torquichost-Gerk, Minhon, 12 target, Rein, Bar, A.D. VehDyn, VehDyn, Perf. Vehicle-Speed, Veh, 162 target, VehDyn, Perf. Cymichost-Gerk, Minhon, 12 target, VehDyn, Perf. Cowfort, Hwode, 152 value target, VehDyn, Perf. Cowfort, Hwode, 152 value target, VehDyn, Perf. Lover-Cowfort, Hwode, 152 value 440,070007 target, VehDyn, Perf. Lover-Cowfort, Hwode, 152 value 450,00000 target, VehDyn, Perf. Lover-Cowfort, Hwode, 152 value 450,00000 target, VehDyn, Perf. Vehicle-Speed, Kin, 152 value 450,00000 target, VehDyn, Perf. Vehicle-Speed, Kin, 152 value 450,00000 target, VehDyn, Perf. Vehicle-Speed, Kin, 152 value 450,00000 VehDyn, Auto-Chrothestyd, M. str. Timest, ms. u.22 10 VehDyn, Auto-Chrothestyd, M. str. Timest, ms. u.22 12,00000 VehDyn, Auto-Chrothestyd, M. str. Reint-Resilies, Chilluge 1 VehDyn, Auto-Chrothestyd, M. str. Reint-Resilies, Chilluge 1		
target, Rein, Inst., Ap, VehDyn, VehDyn, Pert J. SemontessAuthonty, Uis. 122 target, VehDyn, Pert J. SemontessAuthonty, Uis. 122 target, Rein, Inst., Ap, VehDyn, VehDyn, Pert J. Vehicles Speed VehDyn, Pert J. SemontessAuthonty, Uis. 122 target, Rein, Inst., Ap, VehDyn, VehDyn, Pert J. Vehicles Speed VehDyn, Pert J. Vehicles Speed VehDyn, Pert J. Vehicles Speed VehDyn, Pert J. Vehicles Speed VehDyn, Pert J. Vehicles Speed VehDyn, Pert J. Vehicles Speed VehDyn, Pert J. Vehicles Speed VehDyn, Pert J. Vehicles Speed VehDyn, Pert J. Vehicles Speed VehDyn, Pert J. Vehicles Speed VehDyn, Pert J. Vehicles Speed VehDyn, Pert J. Vehicles Speed VehDyn, Pert J. Vehicles Speed VehDyn, Pert J. Vehicles Speed VehDyn, Pert J. Wehles Speed VehDyn, Pert J. Wehles Speed VehDyn, Pert J. Wehles Speed VehDyn, Pert J. Wehles Speed VehDyn, Pert J. Wehles Speed VehDyn, Pert J. Vehicles Speed VehDyn, Pert J. Vehicles Speed VehDyn, Pert J. Vehicles Speed VehDyn, Pert J. Vehicles Speed VehDyn, Pert J. Vehicles Speed VehDyn, Pert J. Vehicles Speed VehDyn, Pert J. Vehicles Speed VehDyn, Pert J. Vehicles Speed VehDyn, Pert J. Vehicles Speed VehDyn, Pert J. Vehicles Speed VehDyn, Pert J. Vehicles Speed VehDyn, Pert J. Vehicles Speed VehDyn, Pert J. Vehicles Speed VehDyn, Pert J. Vehicles Speed VehDyn, Pert J. Vehicles Speed Vehicles VehDyn, Pert J. Vehicles Speed Vehicles Vehic		
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Inager, Rein, Inst. Ap, VehDyn, VehDyn, Pert. TranspectmoCRF. Mithin, 132 Inager, Rein, Inst. Ap, VehDyn, VehDyn, Pert. VehicleSpeed, Kpf, 152 Inager, VehDyn, Pert. Check Pert. VehicleSpeed, Kpf, 152 Inager, VehDyn, Pert. Check Pert. Mithing 152 value 1993.51001 Inager, VehDyn, Pert. Check Pert. Mithing 152 value 1993.51001 Inager, VehDyn, Pert. Transpect, VehDyn, Pert. Check Pert. Mithing 152 value 1993.51001 Inager, VehDyn, Pert. Transpect, VehDyn, Pert. Mithing 152 value 1993.51001 Inager, VehDyn, Pert. Montrivace, Pert. Mithing 152 value 1993.51001 Inager, VehDyn, Pert. Transpect, VehDyn, Pert. Transpect, VehDyn, Pert. Transpect, VehDyn, Pert. Montrivace, Pert. Mithing 152 value 1993.51001 Inager, VehDyn, Pert. Montrivace, Pert. Mithing 152 value 1993.51001 Inager, VehDyn, Pert. Montrivace, Pert. Mithing 152 value 1993.51001 Inager, VehDyn, Pert. Montrivace, Pert. Mithing 152 value 1993.51001 Inager, VehDyn, Pert. Montrivace, Pert. Mithing 152 value 1993.51001 Inager, VehDyn, Pert. Montrivace, Pert. Mithing 152 value 1993.51001 Inager, VehDyn, Pert. Transpect, Pert. Mithing 152 value 1993.51001 Inager, VehDyn, Pert. Transpect, Pert. P		
targer, Rie, Inst.Ap, VehDpv/NehDpv, Pert. VehicleSpeed (An Lige) target. VehDpv, Pert. VehicleSpeed (An Lige) targer, Rie, Inst.Ap, VehDpv, NehDpv, Pert. VehicleSpeed (An Lige) target. VehDpv, Pert. CoxeCOT, HwDreg, 132 value 440,000007 target, VehDpv, Pert. CoxeCOT, HwDreg, 132 value 1983,51001 1983,51001 target, VehDpv, Pert. HwTorque, HwThirt (32 value) 456 466 target, VehDpv, Pert. Mortive (An Light), Fert. RehMpres, HwDreg, 132 value 469 target, VehDpv, Pert. RehMpres, HwDreg, 132 value 45999999 target, VehDpv, Pert. Torque, CracCRF, Mrthm, 132 value 45999999 target, VehDpv, Pert. VehicleSpeed, Kph, 152 value 90 VerbDpv, Auto-CriteDelSpd, Mgr, 152 value 230 Name Expected Value VehDpv, Auto-CriteDelSpd, Mgr, 152 value 138847608 VehDpv, Auto-CriteDelSpd, Mgr, 152 value 2190,282 VehDpv, Auto-CriteDelSpd, Mgr, 152 value 2200,389910009 VehDpv, Auto-CriteDelSpd, Mgr, 154 value-Specifies V, Ush, 152 2190,389910009 VehDpv, Auto-CriteDelSpd, Mgr, 154 value-Specifies V, HwDeg, 3rt SV, Uis, 152 1983,300051009 VehDpv, Auto-CriteDelSpd, Mgr, 154 value-Specifies V, Uis, 152 247,46752 VehDpv, Auto-CriteDelSpd, Mgr,		
target_Reb_max_AbVehDyn_Pert_VehioliaSpeed_Kph_f32 target_VehDyn_Pert_CekEOT_Hobog_f32-value 440,070007 target_VehDyn_Pert_CekEOT_Hobog_f32-value 1093.51001 target_VehDyn_Pert_MoreVerCEF_Wirkangs_f32-value 35,999966 target_VehDyn_Pert_MoreVerCEF_Wirkangs_f32-value 456 target_VehDyn_Pert_Torque-ComCEF_Mirkangs_f32-value 440,34003 target_VehDyn_Pert_Torque-ComCEF_Mirkangs_f32-value 459 target_VehDyn_Pert_Torque-ComCEF_Mirkangs_f32-value 459 target_VehDyn_Pert_VehicleSpeed_kpt_f32-value 0 target_VehDyn_Pert_VehicleSpeed_kpt_f32-value 230 Name Expected Value VehDyn_Auto-Circ Det M_ge 1 VehDyn_Auto-Circ Det M_ge 1 VehDyn_Auto-Circ Det M_ge 1 VehDyn_Auto-Circ Det M_get_file_file_file_file_file_file_file_file		
target_VehDyn_Pert_CxxxxCDT_HwDeg_152xvalue 440,070007 target_VehDyn_Pert_More_PMXm_152xvalue 83,959966 target_VehDyn_Pert_More_PMXm_152xvalue 83,959966 target_VehDyn_Pert_More/VeiCRF_Intribags_52xvalue 2400,34009 target_VehDyn_Pert_Convence_PMXm_152xvalue 2400,34009 target_VehDyn_Pert_Vehiclespeed_Kpt_152xvalue 230 vehDyn_AutoConveloped_Kpt_152xvalue 230 Name Expected Value VehDyn_AutoConveloped_Kpt_152xvalue 230 VehDyn_AutoConveloped_Kpt_152xvalue 230 VehDyn_AutoConveloped_Kpt_152xvalue 230 VehDyn_AutoConveloped_Mp_st_Timert_ms_0s2 3889476708 VehDyn_AutoConveloped_Mp_st_Timert_ms_0s2 219286216 VehDyn_AutoConveloped_Mp_st_Timert_ms_0s2 219286216 VehDyn_AutoConveloped_Mp_st_Timert_ms_0s2 200,3999 ± 0.009 VehDyn_AutoConveloped_Mp_st_Timert_msible_Cort_Upc 0 VehDyn_AutoConveloped_Mp_st_Timert_msible_Cort_Upc 0 VehDyn_AutoConveloped_Mp_st_Timert_msible_Cort_Upc 0 VehDyn_AutoConveloped_Mp_st_Timert_ms_0s2 824746752 VehDyn_AutoConveloped_Mp_st_Timert_ms_us2 824746752 <tr< td=""><td></td><td></td></tr<>		
target_VehDyn_Pert_CwEOT_HwDeg_JSZ value 1092.51001 target_VehDyn_Pert_MotorwaENHwN_JSZ value 8,35999966 target_VehDyn_Pert_MotorwaENF_MirknapS_JSZ value 466 target_VehDyn_Pert_MotorwaENF_MirknapS_S_SZ value 4509 target_VehDyn_Pert_TorqueEmcREF_MirknapS_Value 45999999 target_VehDyn_Pert_VehideSpeedVall_Cnt_Igx_value 0 target_VehDyn_Pert_VehideSpeedVall_Cnt_Igx_value 230 Name Expected Value VehDyn_AllochtDeSpeed_Kph_JSZ value 230 VehDyn_AutochtDeSpd_M_Str_Timer_mS_u32 3589476708 VehDyn_AutochtDeSpd_M_Str_Timer_mS_u32 219286216 VehDyn_AutochtDeSpd_M_Str_Timer_mS_u32 2800999 ± 0.009 VehDyn_AutochtDeSpd_M_Str_Timer_mS_u32 2800.3999 ± 0.009 VehDyn_AutochtDeSpd_M_Str_Timer_mS_u32 2800.3999 ± 0.009 VehDyn_AutochtDeSpd_M_Str_Timer_mS_u32 2800.3000 ± 0.009 VehDyn_AutochtDeSpd_M_Str_Timer_mS_u32 84746752 VehDyn_AutochtDeSpd_M_Str_Timer_mS_u32 84746752 VehDyn_AutochtHSpd_M_str_Timer_mS_u32 2800.30005 ± 0.009 VehDyn_AutochtHSpd_M_str_Timer_mS_u32 2800.30005 ± 0.009 VehDyn_AutochtHSpd_M_str_Timer_mS_u32		
target_VehDyn_Pert_Hivroruue_Hwhm_02/value 4,586 target_VehDyn_Pert_ReilwFor_HwDeg_152/value 2,400,34009 target_VehDyn_Pert_ReilwFor_HwDeg_152/value 2,400,34009 target_VehDyn_Pert_VehicleSpeed_Kgh_152 value 0 target_VehDyn_Pert_VehicleSpeed_Kgh_152 value 0 vehDyn_AllowHiSpdAutoCntr_Cnt_M_1gc 1 vehDyn_AllowHiSpdAutoCntr_Cnt_M_1gc 1 vehDyn_AutoCntrDeSpd_M_str_Timer_mS_us2 3589476708 vehDyn_AutoCntrDeSpd_M_str_Timer_mS_us2 219268216 vehDyn_AutoCntrDeSpd_M_str_Timer_mS_us2 219268216 vehDyn_AutoCntrDeSpd_M_str_Filer_DeSp_M_Str_SV_UIs_52 21903.3999 ± 0.009 vehDyn_AutoCntrDeSpd_M_str_Filer_Desp_Ent_SV_UIs_52 1991.30005 ± 0.009 vehDyn_AutoCntrDeSpd_M_str_Filer_Desp_Ent_SV_UIs_52 1991.30005 ± 0.009 vehDyn_AutoCntrDeSpd_M_str_Filer_Inhalized_Cnt_UIgc 0 vehDyn_AutoCntrDeSpd_M_str_Filer_Inhalized_Cnt_UIgc 0 vehDyn_AutoCntrHSpd_M_str_Filer_Inhalized_Cnt_UIgc 1 vehDyn_AutoCntrHSpd_M_str_Filer_Inhalized_Cnt_UIgc 1 vehDyn_AutoCntrHSpd_M_str_Filer_Inhalized_Cnt_UIgc 1 vehDyn_AutoCntrHSpd_M_str_Filer_Inhalized_Cnt_UIgc 1 <		
target_VehDyn_Pert_MotorVelCRF_MirksdpS_f32.value 458	target_VehDyn_Per1_CwEOT_HwDeg_f32.value	
target_VehDyn_Perl_TehtHvPos_HvDeg_rt2value -44.999999 target_VehDyn_Perl_VehicleSpeedValid_Cnt_Igc value 0 target_VehDyn_Perl_VehicleSpeed Kpt_rt3z_value 230 VehDyn_Perl_VehicleSpeed Kpt_rt3z_value 230 VehDyn_AllowHiSpdAutoCntr_Cnt_M_Ige 1 VehDyn_AutoCntrDelSpd_M_str.Timerl_ms_us2 3889476708 VehDyn_AutoCntrDelSpd_M_str.Timerl_ms_us2 21926826 VehDyn_AutoCntrDelSpd_M_str.ReitHwPosFittSV_HvDeg_str.Sv_Uls_rt32 2800,3999 ± 0.009 VehDyn_AutoCntrDelSpd_M_str.ReitHwPosFittSV_HvDeg_str.Sv_Uls_rt32 1991,30005 ± 0.009 VehDyn_AutoCntrDelSpd_M_str.FitterItehlatized_Cnt_Ige 0 VehDyn_AutoCntrDelSpd_M_str.FitterZintialized_Cnt_Ige 0 VehDyn_AutoCntrDelSpd_M_str.FitterZintialized_Cnt_Ige 1 VehDyn_AutoCntrHiSpd_M_str.Timerl_ms_us2 824746752 VehDyn_AutoCntrHiSpd_M_str.Timerl_ms_us2 824746752 VehDyn_AutoCntrHiSpd_M_str.FitterItehlatized_Cnt_Ige 1 VehDyn_AutoCntrHiSpd_M_str.FitterItehlatized_Cnt_Ige 1 VehDyn_AutoCntrHiSpd_M_str.FitterItehlatized_Cnt_Ige 1 VehDyn_AutoCntrHiSpd_M_str.FitterItehlatized_Cnt_Ige 1 VehDyn_AutoCntrHiSpd_M_str.FitterItehlatized_Cnt_Ige	target_VehDyn_Per1_HwTorque_HwNm_f32.value	8.35999966
sarget_VehDyn_Pert_TorqueCmdCRF_MtrNm_[32-value 4.5999999	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-456
target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value 230	target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-2400.34009
Isarget_VehDyn_Per1_VehicleSpeed_Kph_132 value	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.599999
Name	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 3589476708 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 219286216 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32 2800.3999 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32 2800.3999 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.FilterTanble_Cnt.Ugc 0 VehDyn_AutoCntrDetSpd_M_str.FilterTanble_Cnt.Ugc 0 VehDyn_AutoCntrDetSpd_M_str.FilterTanble_Cnt.Ugc 0 VehDyn_AutoCntrHispd_M_str.Timer1_mS_u32 824746752 VehDyn_AutoCntrHispd_M_str.Timer1_mS_u32 824746752 VehDyn_AutoCntrHispd_M_str.Timer2_mS_u32 4822322 VehDyn_AutoCntrHispd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32 2600.30005 ± 0.009 VehDyn_AutoCntrHispd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32 1998.19995 ± 0.009 VehDyn_AutoCntrHispd_M_str.Filter1Enable_Cnt.Ugc 1 VehDyn_AutoCntrHispd_M_str.Filter1Enable_Cnt.Ugc 1 VehDyn_AutoCntrHispd_M_str.Filter1Enable_Cnt.Ugc 0 VehDyn_AutoCntrLispd_M_str.Filter1_mS_u32 2760420810 VehDyn_AutoCntrLispd_M_str.Filter1_mS_u32 2760420810 VehDyn_AutoCntrLispd_M_str.Filter1_mS_u32 2760420810 VehDyn_AutoCntLispd	target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	230
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 3589476708 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 219268216 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32 2800.3999 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 1991.30005 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHSpd_M_str.Timer1_ms_u32 824746752 VehDyn_AutoCntrHSpd_M_str.Timer2_ms_u32 54822322 VehDyn_AutoCntrHSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32 2800.30005 ± 0.009 VehDyn_AutoCntrHSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrHSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32 -2400.6001 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_Auto	Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 219286216 VehDyn_AutoCntrDetSpd_M_str.Relt-WposFittSV_HwDeg_str.SV_Uls_f32 2800.3999 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Relt-WposFittSV_HwDeg_str.SV_Uls_f32 1991.30005 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt.Lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1Initalized_Cnt.Lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1Initalized_Cnt.Lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter1Initalized_Cnt.Lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 824746752 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 824746752 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2800.30005 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt.Lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2.Enable_Cnt.Lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2.Initialized_Cnt.Lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2.Initialized_Cnt.Lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2.Initialized_Cnt.Lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2.Initialized_Cnt.Lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt.Lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt.Lgc 0 VehDyn_AutoCntrLoSpd_M_str.Fil	VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.RelHMPosFittSV_HWDeg_str.SV_Uls_f32 2800.3999 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHMPosFittSV_HWDeg_str.SV_Uls_f32 1991.30005 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_ms_u32 824746752 VehDyn_AutoCntrHiSpd_M_str.Timer1_ms_u32 54822322 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFittSV_HwDeg_str.SV_Uls_f32 2800.30005 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFittSV_HwDeg_str.SV_Uls_f32 -1988.19995 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 1438.40002 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 1438.40002 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 1991.30005 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.FilterIEnable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.FilterIntalialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.FilterIntalialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.FilterIntalialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.FilterIntalialized_Cnt_lgc 824746752 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 2800.30005 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 2800.30005 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.FilterIEnable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.FilterIEnable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.FilterIEnable_Cnt_lgc 1 VehDyn_AutoCntrLiSpd_M_str.FilterIEnable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.FilterIEnable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.FilterIEnable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.FilterIEnable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.FilterIEnable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.FilterIEnable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.FilterIEnable_Cnt_lgc 0 VehDyn_LiSpdLearn_Cnt_	VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	219286216
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1Znitialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1Znitialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter1Znitialized_Cnt_lgc 2800.30005 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_Uls_f32 2800.30005 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter1Spd_Webg_str.SV_Uls_f32 2760420810 VehDyn_AutoCntrLoSpd_M_str.Filter1Spd_Webg_str.SV_Uls_f32 2760420810 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiltISV_HwDeg_str.SV_Uls_f32 2400.6001 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0 <	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.3999 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter12Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 824746752 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 54822322 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2800.30005 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltISV_HwDeg_str.SV_Uls_f32 2800.30005 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3589476708 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2760420810 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiltISV_HwDeg_str.SV_Uls_f32 -1438.40002 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiltISV_HwDeg_str.SV_Uls_f32 -1438.40002 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_HiSpd.earnt_Cnt_M_lgc 0 VehDyn_HiSpd.earnt_Cnt_M_lgc <td< td=""><td>VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32</td><td>1991.30005 ± 0.009</td></td<>	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 824746752 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 54822322 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32 2800.30005 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1988.19995 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3589476708 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 2760420810 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiltISV_HwDeg_str.SV_UIs_f32 -2400.6001 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1438.40002 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_NavOffset_HwDeg_M_f32 -1157.89404 VehD	VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 824746752 VehDyn_AutoCntrHiSpd_M_str.Rielracy_mS_u32 54822322 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 2800,30005 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 -1988.19995 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3589476708 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -2400.6001 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -1438.40002 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_LiSpdLearn_Cnt_M_lgc 1 VehDyn_Hipoflearn_Cnt_M_lgc 1 VehDyn_MinOffset_HwDeg_M_f32	VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 824746752 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 54822322 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 2800.30005 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -1988.19995 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2760420810 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -2400.6001 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1438.40002 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_HiSpdLearnt_Cnt_M_lgc 1 VehDyn_LoSpdLearnt_Cnt_M_lgc 1 VehDyn_LoSpdLearnt_Cnt_M_lgc 1 VehDyn_MinOffset_HwDeg_M_f32 -1157.8940	VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFittSV_HwDeg_str.SV_UIs_f32 2800.30005 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFittSV_HwDeg_str.SV_UIs_f32 2800.30005 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFittSV_HwDeg_str.SV_UIs_f32 -1988.19995 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 2760420810 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFittSV_HwDeg_str.SV_UIs_f32 -2760420810 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFittSV_HwDeg_str.SV_UIs_f32 -1438.40002 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_LiSpdLearnt_Cnt_M_lgc 1 VehDyn_LiSpdLearnt_Cnt_M_lgc 1 VehDyn_LoSpdLearnt_Cnt_M_lgc 1 VehDyn_MinOffset_HwDeg_M_f32 1951.27002 VehDyn_PinTrqSv_M_str.Sv_Uis_f32<	VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 2800.30005 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -1988.19995 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 2400.6001 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2Initalized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initalized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initalized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initalized_Cnt_lgc 0 VehDyn_LoSpd_Learn_Cnt_M_lgc 1 VehDyn_Initialize_Cnt_M_lgc 1 VehDyn_MonOffset_HwDeg_M_f32 -1157.89404 VehDyn_MinOffset_HwDeg_M_f32 1.50328505 ± 0.000009 <td>VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32</td> <td>824746752</td>	VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	824746752
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -1988.19995 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3589476708 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2760420810 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -2400.6001 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -1438.40002 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_HiSpdLearnt_Cnt_M_lgc 1 VehDyn_Initialize_Cnt_M_lgc 1 VehDyn_LoSpdLearnt_Cnt_M_lgc 0 VehDyn_MaxOffset_HwDeg_M_f32 1157.89404 VehDyn_PinTrqSV_M_str.SV_Uls_f32 150328505 ± 0.000009 VehDyn_PinTrqSV_M_str.SV_Uls_f32 1.50328505 ± 0.000	VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3589476708 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2760420810 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -2400.6001 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1438.40002 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_HiSpdLearnt_Cnt_M_lgc 1 VehDyn_HiSpdLearnt_Cnt_M_lgc 1 VehDyn_LoSpd_Learnt_Cnt_M_lgc 0 VehDyn_LoSpd_Learnt_Cnt_M_lgc 1 VehDyn_LoSpd_Learnt_Cnt_M_lgc 0 VehDyn_Modffset_HwDeg_M_f32 -1157.89404 VehDyn_MinOffset_HwDeg_M_f32 1951.27002 VehDyn_PinTrqSV_M_str.SV_UIs_f32 1.50328505 ± 0.000009 <td>VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32</td> <td>2800.30005 ± 0.009</td>	VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3589476708 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2760420810 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -2400.6001 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1438.40002 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_HiSpdLeamt_Cnt_M_lgc 1 VehDyn_Initialize_Cnt_M_lgc 1 VehDyn_LoSpdLeamt_Cnt_M_lgc 0 VehDyn_MaxOffset_HwDeg_M_f32 -1157.89404 VehDyn_PinTrqSV_M_str.SV_UIs_f32 1.50328505 ± 0.000009 VehDyn_PinTrqSV_M_str.SV_UIs_f32.value 0.899999976 ± 0.004	VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3589476708 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2760420810 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -2400.6001 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1438.40002 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_Initialize_Cnt_M_lgc 1 VehDyn_Initialize_Cnt_M_lgc 1 VehDyn_LoSpdLearnt_Cnt_M_lgc 0 VehDyn_MaxOffset_HwDeg_M_f32 -1157.89404 VehDyn_MinOffset_HwDeg_M_f32 1951.27002 VehDyn_PinTrqSV_M_str.SV_UIs_f32 1.50328505 ± 0.000009 target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value 0.899999976 ± 0.0004	VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3589476708 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2760420810 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -2400.6001 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1438.40002 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_HiSpdLearnt_Cnt_M_lgc 1 VehDyn_HiSpdLearnt_Cnt_M_lgc 1 VehDyn_Initialize_Cnt_M_lgc 0 VehDyn_LoSpdLearnt_Cnt_M_lgc 0 VehDyn_MaxOffset_HwDeg_M_f32 -1157.89404 VehDyn_MinOffset_HwDeg_M_f32 1951.27002 VehDyn_PinTrqSV_M_str.SV_UIs_f32 1.50328505 ± 0.000009 target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value 0.899999976 ± 0.004	VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3589476708 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 2760420810 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -2400.6001 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1438.40002 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_HiSpdLearnt_Cnt_M_lgc 1 VehDyn_Initialize_Cnt_M_lgc 1 VehDyn_LoSpdLearnt_Cnt_M_lgc 0 VehDyn_MaxOffset_HwDeg_M_f32 -1157.89404 VehDyn_MinOffset_HwDeg_M_f32 1951.27002 VehDyn_PinTrqSV_M_str.SV_UIs_f32 1.50328505 ± 0.000009 target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value 0.899999976 ± 0.004	VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Rimer2_mS_u32 2760420810 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -2400.6001 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1438.40002 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_HiSpdLearnt_Cnt_M_lgc 1 VehDyn_Initialize_Cnt_M_lgc 1 VehDyn_LoSpdLearnt_Cnt_M_lgc 0 VehDyn_MaxOffset_HwDeg_M_f32 -1157.89404 VehDyn_MinOffset_HwDeg_M_f32 1951.27002 VehDyn_PinTrqSV_M_str.SV_UIs_f32 1.50328505 ± 0.000009 target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value 0.899999976 ± 0.004	VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -2400.6001 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -1438.40002 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_HiSpdLearnt_Cnt_M_lgc 1 VehDyn_Initialize_Cnt_M_lgc 1 VehDyn_LoSpdLearnt_Cnt_M_lgc 0 VehDyn_MaxOffset_HwDeg_M_f32 -1157.89404 VehDyn_MinOffset_HwDeg_M_f32 1951.27002 VehDyn_PinTrqSV_M_str.SV_Uls_f32 1.50328505 ± 0.000009 target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value 0.899999976 ± 0.004	VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1438.40002 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_HiSpdLearnt_Cnt_M_lgc 1 VehDyn_Initialize_Cnt_M_lgc 1 VehDyn_LoSpdLearnt_Cnt_M_lgc 0 VehDyn_MaxOffset_HwDeg_M_f32 -1157.89404 VehDyn_MinOffset_HwDeg_M_f32 1951.27002 VehDyn_PinTrqSV_M_str.SV_UIs_f32 1.50328505 ± 0.000009 target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value 0.899999976 ± 0.004	VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_HiSpdLearnt_Cnt_M_lgc 1 VehDyn_Initialize_Cnt_M_lgc 1 VehDyn_LoSpdLearnt_Cnt_M_lgc 0 VehDyn_MaxOffset_HwDeg_M_f32 -1157.89404 VehDyn_MinOffset_HwDeg_M_f32 1951.27002 VehDyn_PinTrqSV_M_str.SV_Uls_f32 1.50328505 ± 0.000009 target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value 0.899999976 ± 0.004	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.6001 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_HiSpdLearnt_Cnt_M_lgc 1 VehDyn_Initialize_Cnt_M_lgc 1 VehDyn_LoSpdLearnt_Cnt_M_lgc 0 VehDyn_MaxOffset_HwDeg_M_f32 -1157.89404 VehDyn_MinOffset_HwDeg_M_f32 1951.27002 VehDyn_PinTrqSV_M_str.SV_UIs_f32 1.50328505 ± 0.000009 target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value 0.899999976 ± 0.004	VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.40002 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_HiSpdLearnt_Cnt_M_lgc 1 VehDyn_Initialize_Cnt_M_lgc 1 VehDyn_LoSpdLearnt_Cnt_M_lgc 0 VehDyn_MaxOffset_HwDeg_M_f32 -1157.89404 VehDyn_MinOffset_HwDeg_M_f32 1951.27002 VehDyn_PinTrqSV_M_str.SV_Uls_f32 1.50328505 ± 0.000009 target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value 0.899999976 ± 0.004	VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_HiSpdLearnt_Cnt_M_lgc 1 VehDyn_Initialize_Cnt_M_lgc 1 VehDyn_LoSpdLearnt_Cnt_M_lgc 0 VehDyn_MaxOffset_HwDeg_M_f32 -1157.89404 VehDyn_MinOffset_HwDeg_M_f32 1951.27002 VehDyn_PinTrqSV_M_str.SV_UIs_f32 1.50328505 ± 0.000009 target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value 0.899999976 ± 0.004	VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc 1 VehDyn_Initialize_Cnt_M_lgc 1 VehDyn_LoSpdLearnt_Cnt_M_lgc 0 VehDyn_MaxOffset_HwDeg_M_f32 -1157.89404 VehDyn_MinOffset_HwDeg_M_f32 1951.27002 VehDyn_PinTrqSV_M_str.SV_Uls_f32 1.50328505 ± 0.000009 target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value 0.899999976 ± 0.004	VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_Initialize_Cnt_M_lgc 1 VehDyn_LoSpdLearnt_Cnt_M_lgc 0 VehDyn_MaxOffset_HwDeg_M_f32 -1157.89404 VehDyn_MinOffset_HwDeg_M_f32 1951.27002 VehDyn_PinTrqSV_M_str.SV_Uls_f32 1.50328505 ± 0.000009 target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value 0.89999996 ± 0.004	VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc 0 VehDyn_MaxOffset_HwDeg_M_f32 -1157.89404 VehDyn_MinOffset_HwDeg_M_f32 1951.27002 VehDyn_PinTrqSV_M_str.SV_Uls_f32 1.50328505 ± 0.000009 target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value 0.89999996 ± 0.004	VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32 -1157.89404 VehDyn_MinOffset_HwDeg_M_f32 1951.27002 VehDyn_PinTrqSV_M_str.SV_UIs_f32 1.50328505 ± 0.000009 target_VehDyn_Per1_SensorlessAuthority_UIs_f32.value 0.899999976 ± 0.004	VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_MinOffset_HwDeg_M_f32 1951.27002 VehDyn_PinTrqSV_M_str.SV_Uls_f32 1.50328505 ± 0.000009 target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value 0.899999976 ± 0.004	VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_PinTrqSV_M_str.SV_Uls_f32 1.50328505 ± 0.000009 target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value 0.899999976 ± 0.004	VehDyn_MaxOffset_HwDeg_M_f32	-1157.89404
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value 0.899999976 ± 0.004	VehDyn_MinOffset_HwDeg_M_f32	1951.27002
	VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.50328505 ± 0.000009
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value -412.140015 ± 0.1	target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.899999976 ± 0.004
	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-412.140015 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.162 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	

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Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	604.099976
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	116.099998
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	85.099985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21364
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22497 54822322
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.6001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000403000013
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000953999988
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	2.25
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	106.699997
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2.25
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.8000031
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	7034
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	39056
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	425.200012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000753999979
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.200012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000500000024
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	2.20000005
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	146.199997
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.1999981
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.2000008
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	43190
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3186
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.40002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.50000036e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.59998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000953999988
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1162.88599
VehDyn_MinOffset_HwDeg_M_f32	-376.39801
VehDyn_PinTrqSV_M_str.SV_Uls_f32	8.89999962
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000479999988
VehDyn_SLPHwAuth_Uls_M_f32	0.31400001
VehDyn_SLPHwPos_HwDeg_M_f32	42.1899986
k_HiSpdVDAuthority_UIs_f32	0
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	56.099985
k_TravelXCDeadband_Uls_f32	5.4400006
k_TravelXCHwAuthority_Uls_f32	0.210174993 309385728
target_DtrmnElapsedTime_mS_u32_ElapsedTime	309385728 824746752
target_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	
target_Rte_Inst_Ap_venDyn_VenDyn_Peri_CcwEOT_HwDeg_132 target_Rte_Inst_Ap_venDyn_VenDyn_Peri_CwEOT_HwDeg_132	target_VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwDeg_r32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
gg.,	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-442.809998
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1087.94104
target_VehDyn_Per1_HwTorque_HwNm_f32.value	8.92000008
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1253.14001
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	458.98999
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.9000001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	87
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.6001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1.
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	824746752
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	425.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	824746752
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.40002 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.59998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1087.94104
VehDyn_MinOffset_HwDeg_M_f32	-442.809998
VehDyn_PinTrqSV_M_str.SV_Uls_f32	8.90007687 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.31400001 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	42.1899986 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.163 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	554.200012	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	126.199997	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.1999998	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.1999969	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	33198	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27074	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892861	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024	

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.3999
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000403999991
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.30005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000956000003
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	120.400002
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	116.5 4.400001
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32.25
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	27401
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3174948759
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	3174948759
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-423.299988
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000755999994
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000503999996
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	120.599998
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156.600006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	13.6000004
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	10.6000004
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	30404
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	30349
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	-1900.59998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.51999978e-005 -753.400024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	0.00956000003
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt.lgc	1
VehDyn HiSpdLearnt Cnt M Igc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn MaxOffset HwDeg M f32	-1167.87805
VehDyn_MinOffset_HwDeg_M_f32	-369.713989
VehDyn_PinTrqSV_M_str.SV_UIs_f32	13.8999996
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000480999995
VehDyn_SLPHwAuth_Uls_M_f32	0.294999987
VehDyn_SLPHwPos_HwDeg_M_f32	52.4500008
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	54.0999985
k_TravelXCDeadband_Uls_f32	4.40999985
k_TravelXCHwAuthority_Uls_f32	0.211400002
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4164171008
target_GetSystemTime_mS_u32_CurrentTime	309385728
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_UIs_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	target_VehDyn_Per1_VehicleSpeed_Kph_f32 -436.549988
target_venDyn_Per1_CcwEO1_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value	-430.349988 1082.37195
target_VehDyn_Per1_HwTorque_HwNm_f32.value	9.47999954
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835
	-1999.59998
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1999.59998 -1.79999995





Name	Input Value
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	127.450996
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	309385728
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.3999 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-423.299988 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	309385728
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.59998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.400024 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1082.37195
VehDyn_MinOffset_HwDeg_M_f32	-436.549988
VehDyn_PinTrqSV_M_str.SV_UIs_f32	13.8978577 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1246.19995 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.164 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	200.399994
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	52.4000015
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.3999996
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	63.4000015
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58869
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	219286216
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.1001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000407000014
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.09998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000961999991
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	159
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	68.3000031
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.7999992

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Input Value
86
12258
36416
1024
54822322
2800.19995
0.000761999981
-1988.30005
0.000515999971
0
1
0
412.700012
106.699997
10.6999998
12.6999998
13352
14442
3589476708
2760420810
-2400.19995
7.58000024e-005
-1438.09998
0.000961999991
1
0
0
0
0
1
1
1172.87
-363.029999
1.5
0.000483999989
0.275999993 62.7099991
0
0.89999976
63.3199997
3.38000011
0.212624997
3304439296
824746752
target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_VehDyn_Per1_CwEOT_HwDeg_f32
target_VehDyn_Per1_HwTorque_HwNm_f32
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_VehDyn_Per1_VehicleSpeed_Kph_f32
-430.290009
1076.80298
-1.11000001
-456
-2400.04004 4.5000000
-4.5999999 0
0 230
Expected Value
1 2590476709
3589476708
219286216 2800.1001 ± 0.009
ZOUR 11811 ± 11111M
1991.09998 ± 0.009
1991.09998 ± 0.009 0
1991.09998 ± 0.009

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Name	Expected Value
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	824746752
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	824746752
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1172.87
VehDyn_MinOffset_HwDeg_M_f32	1969.75
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.49870157 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.275999993 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	62.7099991 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.165 (Repeat Count = 1)	
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	554.099976
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	84.0999985
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.0999999
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52.0999985
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	2291
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	7778
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	219286216
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.19995
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000404999999
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.30005
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000958000019
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	456
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	35.7999992
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.3999996
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	75.4499969
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	33198
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	7778
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004657
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.30005
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000758000009
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.59998
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000508000026
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	1

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	456.799988
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	86.8000031
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.80000019
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.8000031
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	5235
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27074
	3174948759
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.5399993e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000958000019
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1177.86206
VehDyn_MinOffset_HwDeg_M_f32	-369.75
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.4000001
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000482000003
	0.256999999
VehDyn_SLPHwAuth_UIs_M_f32 VehDyn_SLPHwPos_HwDeg_M_f32	72.9700012
k_HiSpdVDAuthority_UIs_f32	0
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	54.2999992
k_TravelXCDeadband_Uls_f32	2.3499999
k_TravelXCHwAuthority_Uls_f32	0.213850006
target_DtrmnElapsedTime_mS_u32_ElapsedTime	437658624
target_GetSystemTime_mS_u32_CurrentTime	954802432
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-424.029999
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1071.23401
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-1.22000003
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.109985
target VehDyn Per1 RelHwPos HwDeg f32.value	-2500.06006
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	1.29999995
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	499.220001
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	219286216
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004657
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.59998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892861
· - · ·	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.19995 ± 0.009





Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1177.86206
VehDyn_MinOffset_HwDeg_M_f32	2076.03003
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.39797354 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.256999999 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	72.9700012 ± 0.1

Τ	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Fest Step 2.166 (Repeat Count = 1)	
lame	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	600.200012
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	64.1999969
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.2000008
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	41.2000008
/ehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	38868
/ehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	38708
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948759
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
/ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-2400.1001
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000406000006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.09998
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000959999976
/ehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1
/ehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	566.799988
/ehDyn AutoCntrHiSpd M str.VehSpd kph f32	75.5
/ehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	18.7999992
/ehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	97
/ehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	21335
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	34188
/ehDyn AutoCntrHiSpd M str.Timer1 mS u32	4211268631
/ehDyn AutoCntrHiSpd M str.Timer2 mS u32	2160073393
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-2400.19995
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000760000024
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.599976
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000511999999
/ehDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	1
/ehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	0
/ehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt lgc	0
/ehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	1
/ehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	566.900024
/ehDyn AutoCntrLoSpd M str.VehSpd kph f32	96.9000015
/ehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	8.89999962
/ehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	42.9000015
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53759
/ehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	18715
/ehDyn AutoCntrLoSpd M str.Timer1 mS u32	3382212733
/ehDyn AutoCntrLoSpd M str.Timer2 mS u32	2553156835
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	2600.19995
/ehDyn_AutoOntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.56000009e-005
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	2800.1001
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000959999976
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News	Innut Value
Name VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	Input Value
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn Initialize Cnt M Igc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn MaxOffset HwDeg M f32	1182.854
VehDyn_MinOffset_HwDeg_M_f32	-376.470001
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.5999999
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000483000011
VehDyn_SLPHwAuth_Uls_M_f32	0.238000005
VehDyn_SLPHwPos_HwDeg_M_f32	83.2300034
k HiSpdVDAuthority UIs f32	1
k_LoSpdVDAuthority_UIs_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	41.0999985
k TravelXCDeadband Uls f32	1.32000005
k_TraveIXCHwAuthority_UIs_f32	0.215075001
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3941357312
target_GetSystemTime_mS_u32_CurrentTime	2728878080
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target VehDyn Per1 CcwEOT HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target VehDyn Per1 SensorlessAuthority Uls f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeedValid Cnt Igc	target VehDyn Per1 VehicleSpeedValid Cnt Igc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-417.769989
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1065.66504
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-1.33000004
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.440002
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	2600.01001
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	120.410004
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	
	1-2400.1001 ± 0.009
	-2400.1001 ± 0.009 1988.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1988.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1988.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1988.09998 ± 0.009 1 1
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1988.09998 ± 0.009 1 1 1 0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1988.09998 ± 0.009 1 1 1
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1988.09998 ± 0.009 1 1 1 0 2728878080
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1988.09998 ± 0.009 1 1 1 0 2728878080 2160073393
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.09998 ± 0.009 1 1 1 0 2728878080 2160073393 -2400.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.09998 ± 0.009 1 1 1 0 2728878080 2160073393 -2400.19995 ± 0.009 753.599976 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1988.09998 ± 0.009 1 1 1 0 2728878080 2160073393 -2400.19995 ± 0.009 753.599976 ± 0.0009 0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1988.09998 ± 0.009 1 1 1 0 2728878080 2160073393 -2400.19995 ± 0.009 753.599976 ± 0.0009 0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1988.09998 ± 0.009 1 1 1 1 0 2728878080 2160073393 -2400.19995 ± 0.009 753.599976 ± 0.0009 0 0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1988.09998 ± 0.009 1 1 1 0 2728878080 2160073393 -2400.19995 ± 0.009 753.599976 ± 0.0009 0 0 1
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1988.09998 ± 0.009 1 1 1 1 0 2728878080 2160073393 -2400.19995 ± 0.009 753.599976 ± 0.0009 0 0 1 2728878080
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1988.09998 ± 0.009 1 1 1 1 0 2728878080 2160073393 -2400.19995 ± 0.009 753.599976 ± 0.0009 0 0 1 2728878080 2553156835
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.09998 ± 0.009 1 1 1 1 0 2728878080 2160073393 -2400.19995 ± 0.009 753.599976 ± 0.0009 0 0 1 2728878080 2553156835 2600.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.09998 ± 0.009 1 1 1 1 0 2728878080 2160073393 -2400.19995 ± 0.009 753.599976 ± 0.0009 0 0 1 2728878080 2553156835 2600.19995 ± 0.009 2800.1001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1988.09998 ± 0.009 1 1 1 1 0 2728878080 2160073393 -2400.19995 ± 0.009 753.599976 ± 0.0009 0 1 2728878080 2553156835 2600.19995 ± 0.009 2800.1001 ± 0.009 0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1988.09998 ± 0.009 1 1 1 1 0 2728878080 2160073393 -2400.19995 ± 0.009 753.599976 ± 0.0009 0 0 1 2728878080 2553156835 2600.19995 ± 0.009 2800.1001 ± 0.009 0 1
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1988.09998 ± 0.009 1 1 1 1 0 2728878080 2160073393 -2400.19995 ± 0.009 753.599976 ± 0.0009 0 0 1 2728878080 2553156835 2600.19995 ± 0.009 2800.1001 ± 0.009 0 1 1
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1988.09998 ± 0.009 1 1 1 1 0 2728878080 2160073393 -2400.19995 ± 0.009 753.599976 ± 0.0009 0 1 2728878080 2553156835 2600.19995 ± 0.009 2800.1001 ± 0.009 0 1 1 1
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	1988.09998 ± 0.009 1 1 1 1 0 2728878080 2160073393 -2400.19995 ± 0.009 753.599976 ± 0.0009 0 0 1 2728878080 2553156335 2600.19995 ± 0.009 2800.1001 ± 0.009 0 1 1 1 1 1 0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	1988.09998 ± 0.009 1 1 1 1 0 2728878080 2160073393 -2400.19995 ± 0.009 753.599976 ± 0.0009 0 0 1 1 2728878080 2553156835 2600.19995 ± 0.009 2800.1001 ± 0.009 0 1 1 1 1 1 1 1 0 1
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	1988.09998 ± 0.009 1 1 1 1 0 2728878080 2160073393 -2400.19995 ± 0.009 753.599976 ± 0.0009 0 0 1 2728878080 2553156835 2600.19995 ± 0.009 2800.1001 ± 0.009 0 1 1 1 1 1 0 1 1
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1988.09998 ± 0.009 1 1 1 1 0 2728878080 2160073393 -2400.19995 ± 0.009 753.599976 ± 0.0009 0 0 1 1 2728878080 2553156835 2600.19995 ± 0.009 2800.1001 ± 0.009 0 1 1 1 1 1 1 1 1 1 1065.66504
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	1988.09998 ± 0.009 1 1 1 1 0 2728878080 2160073393 -2400.19995 ± 0.009 753.599976 ± 0.0009 0 0 1 1 2728878080 2553156835 2600.19995 ± 0.009 2800.1001 ± 0.009 0 1 1 1 1 1 1 1 1 1 1 1065.66504 -417.769989



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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

est Step 2.167 (Repeat Count = 1)	
lame	Input Value
htrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	200.300003
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	52.2999992
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.3000002
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	63.2999992
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53970
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58869
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476708
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	219286216
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.19995
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000407000014
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.30005
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000961999991
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	159
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	68.5
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.7999992
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.9000015
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.30005
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000761999981
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.5
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000515999971
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	412.5
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	106.5
ehDyn AutoCntrLoSpd M str.FiltPinTrq HwNm f32	10.5
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.5
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	13352
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14442
ehDyn AutoCntrLoSpd M str.Timer1 mS u32	3589476708
ehDyn AutoCntrLoSpd M str.Timer2 mS u32	2760420810
ehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-2400.19995
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.58000024e-005
ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1438.30005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000961999991
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	0
ehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	0
ehDyn HiSpdLearnt Cnt M Igc	1
ehDyn_Initialize_Cnt_M_lgc	0
ehDyn_LoSpdLearnt_Cnt_M_lgc	0
ehDyn_MaxOffset_HwDeg_M_f32	1187.84595
ehDyn_MinOffset_HwDeg_M_f32	-383.190002
ehDyn_PinTrqSV_M_str.SV_Uls_f32	1.5
ehDyn PinTrqSV M str.K Uls f32	0.000483999989





Name	Input Value
VehDyn_SLPHwAuth_Uls_M_f32	0.218999997
VehDyn_SLPHwPos_HwDeg_M_f32	93.4899979
k_HiSpdVDAuthority_UIs_f32	0
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	63.2000008
k_TravelXCDeadband_Uls_f32	2.8900001
k_TravelXCHwAuthority_Uls_f32	0.216299996
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3304439296
target_GetSystemTime_mS_u32_CurrentTime	824746752
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-411.51001
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1060.09595
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-1.44000006
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-456
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-2400.6001
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	230
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	219286216
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1060.09595
VehDyn_MinOffset_HwDeg_M_f32	-411.51001
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.49854183 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.218999997 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	93.4899979 ± 0.1
<u> </u>	

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.168 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime

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Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	457.100006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	34.099985
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	88.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	20423
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	18715
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	274107514
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.09998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDog_str.K_Uls_f32	0.000407999993 -2400.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000964000006
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	10.1000004
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	45.7999992
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18.399996
VehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	42.2999992
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	29076
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	43868
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1438.19995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000763999997
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.40002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000520000001
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	10.6000004
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	116.599998
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.6000004
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	53.5999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21364
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52716
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.59999966e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.09998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000964000006
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-1192.83801
VehDyn_MinOffset_HwDeg_M_f32	-389.910004
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60000002
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000484999997
VehDyn_SLPHwAuth_Uls_M_f32	0.200000003
VehDyn_SLPHwPos_HwDeg_M_f32	103.75
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	88.8000031
k_TravelXCDeadband_Uls_f32	4.46000004
k_TravelXCHwAuthority_Uls_f32	0.217525005
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2167769344
target_GetSystemTime_mS_u32_CurrentTime	309385728
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-405.25
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1054.52698
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-1.54999995
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1199.09998
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	2800.3999
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.9000001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	245.641006
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	274107514
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.09998 ± 0.009
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-2400.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	309385728
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1438.19995 ± 0.009
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1988.40002 ± 0.009
VehDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	309385728
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-1745.87305
VehDyn_MinOffset_HwDeg_M_f32	-389.910004
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-1.60000253 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.200000003 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	103.75 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.169 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	9.19999981	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	18.2000008	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.1999998	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	75.1999969	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	7034	
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36416	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	328928812	

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Nama	Innut Value
Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.200012
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000409
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.69995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000966000021
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	56.7000008
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	96.8000031
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.80000019
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	12.6000004
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	32821
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	53946
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	109643620
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1950.09998
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000766000012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000523999974
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	56.5
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	126.5
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.5
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.5
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	33198
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	7778
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004657
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.61999981e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000966000021
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1197.82996
VehDyn_MinOffset_HwDeg_M_f32	-396.630005
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.8000002
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000486000004
VehDyn_SLPHwAuth_Uls_M_f32	0.180999994
VehDyn_SLPHwPos_HwDeg_M_f32	114.010002
k_HiSpdVDAuthority_UIs_f32	0
k LoSpdVDAuthority Uls f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	96.1999969
k_TravelXCDeadband_Uls_f32	6.03000021
k_TravelXCHwAuthority_Uls_f32	0.21875
target DtrmnElapsedTime mS u32 ElapsedTime	3714197504
target_GetSystemTime_mS_u32_CurrentTime	4164171008
target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	target VehDyn Per1 CcwEOT HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target VehDyn Per1 CwEOT HwDeg f32
target Rte Inst Ap VehDyn.VehDyn Per1 HwTorque HwNm f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target Rte Inst Ap VehDyn.VehDyn Per1 MotorVelCRF MtrRadpS f32	target VehDyn Per1 MotorVelCRF MtrRadpS f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-398.98999
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1048.95801
target VehDyn Per1 HwTorque HwNm f32.value	-1.65999997
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1299
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1438.69995
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.8999998
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
go ship fil_i or i_voliloloopecu valiu_oni_igo.value	•





Name	Input Value
target VehDyn Per1 VehicleSpeed Kph f32.value	387
Name	Expected Value
VehDyn AllowHiSpdAutoCntr Cnt M lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.200012 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.69995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4164171008
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1950.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004657
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1197.82996
VehDyn_MinOffset_HwDeg_M_f32	1039.70996
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.7936239 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.180999994 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	114.010002 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.170 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	533.299988
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	88.3000031
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.29999995
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	10.3000002
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36612
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.100006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000410000008
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.19995
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000967999978
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86.4400024
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	129
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.44000006
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	53.7999992
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	40437

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Name		
Vesting Auto-Control of Assembler 2012 Vesting Assembler 2012 Vesting Assembler 2013 Vesting Assembler 2014 Ves	Name	Input Value
VelOn_Autocristops M_ at Timera_1 no. 32 10946498 107820779	VehDvn AutoCntrHiSpd M str.Timer2Thresh mS u16	•
Velicips AutoComistion M. Intelleview 1955 Velic 12 1995-0002		
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VenDrug Auschrieberg Must Piter Francisco (Ling)		0.000768000027
ValDips.AccolarisSpi.M. at FilterTrainte, Ort. go	VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2000.59998
Viniting Auto-Control Sept M. or Filter Initialized City Viniting Auto-Control Sept M. or Filter Initialized City Viniting Auto-Control Sept M. or Filter Initialized City Viniting Auto-Control Sept M. or Viniting Auto-Control Sept M. or Viniting Auto-Control Sept M. or Viniting Auto-Control Sept M. or Viniting Auto-Control Sept M. or Viniting Auto-Control Sept M. or Viniting Auto-Control Sept M. or Viniting Auto-Control Sept M. or Viniting Auto-Control Sept M. or Viniting Auto-Control Sept M. or Trend Time Intelligence Sept M. or Trend Time Intelligence Sept M. or Trend Time Intelligence Sept M. or Trend Time Intelligence Sept M. or Trend Time Intelligence Sept M. or Trend Time Intelligence Sept M. or Trend Time Intelligence Sept M. or Trend Time Intelligence Sept M. or Trend Time Intelligence Sept M. or Trend Time Intelligence Sept M. or Trend Time Intelligence Sept M. or Trend Time Intelligence Sept M. or Trend Time Intelligence Sept M. or Trend Time Intelligence Sept M. or Trend Time Intelligence Sept M. or Trend Time Intelligence Sept M. or Trend Time Intelligence Sept M. or Trend Time Intelligence Sept M. or Trend Time Intelligence City	VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000528000004
Vaships, Nacional Segio, M	VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VARDIM, NACORIATSOP, M. SERENTHALISED, CITILIDO VARDIM, NACORIATSOP, M. SERENTHALISED, CITILIDO VARDIM, NACORIATSOP, M. SERENTHALISED, CITILIDO VARDIM, NACORIATSOP, M. SERENTHALISED, CITILIDO VARDIM, NACORIATSOP, M. SERENTHALISED, CITILIDO VARDIM, NACORIATSOP, M. SERENTHALISED, CITILIDO VARDIM, NACORIATSOP, M. SERENTHALISED, MARCINET, CITILIDO VARDIM, NACORIATSOP, M. SERENTHALISED, MARCINET, CITILIDO VARDIM, NACORIATSOP, M. SERENTHALISED, MARCINET, CITILIDO VARDIM, NACORIATSOP, M. SERENTHALISED, MARCINET, CITILIDO VARDIM, NACORIATSOP, M. SERENTHALISED, MARCINET, CITILIDO VARDIM, NACORIATSOP, M. SERENTHALISED, MARCINET, CITILIDO VARDIM, NACORIATSOP, M. SERENTHALISED, MARCINET, CITILIDO VARDIM, NACORIATSOP, M. SERENTHALISED, MARCINET, CITILIDO VARDIM, NACORIATSOP, M. SERENTHALISED, MARCINET, CITILIDO VARDIM, NACORIATSOP, M. SERENTHALISED, MARCINET, CITILIDO VARDIM, NACORIATSOP, M. SERENTHALISED, MARCINET, CITILIDO VARDIM, NACORIATSOP, M. SERENTHALISED, MARCINET, CITILIDO VARDIM, NACORIATSOP, M. SERENTHALISED, MARCINET, CITILIDO VARDIM, NACORIATSOP, M. SERENTHALISED, MARCINET, CITILIDO VARDIM, NACORIATSOP, M. SERENTHALISED, MARCINET, CITILIDO VARDIM, NACORIATSOP, M. SERENTHALISED, MARCINET, CITILIDO VARDIM, NACORIATSOP, M. SERENTHALISED, MARCINET, CITILIDO VARDIM, NACORIATSOP, M. SERENTHALISED, MARCINET, CITILIDO VARDIM, NACORIATSOP, M. SERENTHALISED, CITILIDO VARDIM, NACORIATSOP, M. SERENTHALISED, CITILIDO VARDIM, NACORIATSOP, M. SERENTHALISED, CITILIDO VARDIM, NACORIATSOP, M. SERENTHALISED, CITILIDO VARDIM, NACORIATSOP, M. SERENTHALISED, CITILIDO VARDIM, NACORIATSOP, M. SERENTHALISED, CITILIDO VARDIM, NACORIATSOP, M. SERVIN, M. S. SERVIN, M.	VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	1
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VehDp_ AutoComtLospd_M_st_Timer_M_su_su_su_su_su_su_su_su_su_su_su_su_su_	VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.3000031
ValDips AuthOrtical Set M. str Times m. 192 421268631	VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21335
Viction_Nucliciticspic_M_str_Hime2_msi_us2	VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	34188
Viction_Nucliciticspic_M_str_Hime2_msi_us2	VehDyn AutoCntrLoSpd M str.Timer1 mS u32	4211268631
Verbin, Autocrackos M, att Reherhors in SV, Hukong, att SV, Uin, 122 Verbin, Autocrackos M, att Reherhors in SV, Hukong, att SV, Uin, 122 Verbin, Autocrackos M, att Reherhors in SV, Hukong, att SV, Uin, 122 Verbin, Autocrackos M, att Reherhors in SV, Vin, 120 Verbin, Autocrackos M, att Reherhors in SV, Uin, 120 Verbin, Autocrackos M, att Reherhors in SV, Uin, 120 Verbin, Autocrackos M, att Reherhors in SV, Uin, 120 Verbin, Autocrackos M, att Reherbors in SV, Uin, 120 Verbin, Autocrackos M, att Reherbors in SV, Uin, 120 Verbin, Autocrackos M, att Reherbors in SV, Uin, 120 Verbin, Autocrackos M, att Reherbors in SV, Uin, 120 Verbin, Autocrackos M, att Reherbors in SV, Uin, 120 Verbin, MacCrackos M, Mark Pitter innialized, Cral, Igo Verbin, Modified, Hubog, M, 122 Verbin, Modified, Hubog, M, 122 Verbin, Modified, Hubog, M, 122 Verbin, Modified, Hubog, M, 123 Verbin, Pertropy M, att SV, Uin, 123 Verbin, SPH-Anton, Hubog, M, 123 Verbin, SPH-Anton, Hubog, M, 123 Verbin, SPH-Anton, Hubog, M, 123 Verbin, SPH-Anton, Hubog, M, 123 Verbin, SPH-Anton, Hubog, M, 123 Verbin, SPH-Anton, Hubog, M, 123 Verbin, SPH-Anton, Hubog, M, 123 Verbin, SPH-Anton, Hubog, M, 123 Verbin, SPH-Anton, Hubog, M, 124 Verbin, SPH-Anton, Hubog, M, 124 Verbin, SPH-Anton, Hubog, M, 124 Verbin, SPH-Anton, Hubog, M, 125 Verbin, SPH-Anton, Hubog, M, 126 Verbin, Modified, Hubog, M, 126 Verbin, Modified, Hubog, M, 127 Verbin, Modified, Hubog, M, 128 Verbin, SPH-Anton, Hubog, M, 128 Verbin, SPH-Anton, Hubog, M, 128 Verbin, SPH-Anton, Hubog, M, 128 Verbin, SPH-Anton, Hubog, M, 128 Verbin, SPH-Anton, Hubog, M, 128 Verbin, SPH-Anton, Hubog, M, 128 Verbin, SPH-Anton, Hubog, M, 128 Verbin, SPH-Anton, Hubog, M, 128 Verbin, SPH-Anton, Hubog, M, 128 Verbin, SPH-Anton, Hubog, M, 128 Verbin, SPH-Anton, Hubog, M, 128 Verbin, SPH-Anton, Hubog, M, 128 Verbin, SPH-Anton, Hubog, M, 128 Verbin, SPH-Anton, Hubog, M, 128 Verbin, SPH-Anton, Hubog, M, 128 Verbin, SPH-Anton, Hubog, M, 128 Verbin, SPH-Anton, Hubog, M, 128 Verbin, Modified, M, 128 Verbin, Modified, M, 128 Verbi		
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Verbiy, AusConfusSed M, striffert initialized Cnt. jop	VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
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VerDoy		
VerDyn, HSortLearnt, Crif, M., Igo VerDyn, LoSte, Learnt, Crif, M., Igo VerDyn, LoSte, Learnt, Crif, M., Igo VerDyn, MaxOffreet, HwDeg, M., 132 VerDyn, PhinTrist, M., Lett, W., Igo VerDyn, PhinTrist, M., Lett, W., Igo VerDyn, PhinTrist, M., Lett, W., Igo VerDyn, PhinTrist, M., Lett, W., Igo VerDyn, PhinTrist, M., Lett, W., Igo VerDyn, S.PH-Wardt, Uls. M., 132 VerDyn, Marth, M., 132 VerDyn, Marth, M., 132 VerDyn, Marth, M., 132 VerDyn, Marth, M., 132 VerDyn, Marth, M., 132 VerDyn, Marth, M., 132 VerDyn, Marth, M., 132 VerDy		
VebDyn_LoStaleser_Cri_M_lgc	, , , , , , , , , , , , , , , , , , , ,	
VerDyn_MaxOffset_HwDeg_M_f92 VerDyn_MinOffset_HwDeg_M_f92 VerDyn_SEPHwatun_Uis_M_f92 VerDyn_SEPHwatun_Uis_M_f92 VerDyn_MinOffset_HwDeg_M02 VerDyn_MinOffset_M02 VerDyn_MinOffset_M02 VerDyn_MinOffset_M02 VerDyn_MinOffset_M02 VerDyn_MinOffset_M02 VerDyn_MinOffset_M02 VerDyn_MinOffset_M03 VerDyn_MinOffset_		
VerbDyn, MaxOffeet, Hubbeg_M.52		
Verbyn, Phintry N. M. etr. SV, Us. 132	VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VerbDyn_PinTrqSV_M_str.X_Uis_132	VehDyn_MaxOffset_HwDeg_M_f32	1202.82202
VehDyn_SIPHWAUH, UIS_M_G2 0.000487000012 VehDyn_SIPHWAUH, UIS_M_G2 1122,269997 VehDyn_SIPHWOE, HwDog_M_G2 124,269997 K_HSpRVDAuthority, UIS_132 1 K_SysKinRatio MitDogphWoe_LS2 32,4000015 K_TraveIXCOHWAUthority, UIS_132 0 K_TraveIXCOHWAUthority, UIS_132 0.219974995 K_TraveIXCOHWAUthority, UIS_132 0.219974995 K_TraveIXCOHWAUTHORITY, UIS_132 0.219974995 Larged_CetSystemTime_m_S_U32_CurrentTime 437668824 Larged_Ret_Inst_Ap_VehDyn-VehDyn_Perl_CowEOT_HwDeg_152 target_VehDyn_Perl_CowEOT_HwDeg_152 Larged_Ret_Inst_Ap_VehDyn-VehDyn_Perl_MotOr_HwDeg_152 target_VehDyn_Perl_CowEOT_HwDeg_152 Larged_Ret_Inst_Ap_VehDyn-VehDyn_Perl_MotOrVeiCRF_MtrRadpS_12 target_VehDyn_Perl_MotOrVeiCRF_MtrRadpS_12 Larged_Ret_Inst_Ap_VehDyn-VehDyn_Perl_F_ResidesAuthority_UIS_132 target_VehDyn_Perl_MotOrVeiCRF_MtrRadpS_12 Larged_Ret_Inst_Ap_VehDyn-VehDyn_Perl_F_ResidesAuthority_UIS_132 target_VehDyn_Perl_MotOrVeiCRF_MtrRadpS_12 Larged_Ret_Inst_Ap_VehDyn-VehDyn_Perl_F_ResidesAuthority_UIS_132 target_VehDyn_Perl_MotPG_12 Larged_Ret_Inst_Ap_VehDyn-VehDyn_Perl_VehClosePeed_Wth_Targe_12 target_VehDyn_Perl_VehDyn_Ret_VehD_12 Larged_Ret_Inst_Ap_Ve	VehDyn_MinOffset_HwDeg_M_f32	-403.350006
VehDyn_SLPHWARIH_UB_M_G2 0.162 VehDyn_SLPHWPGs_HWDeg_M_G32 124.269997 k_LGSpVDAuthority_UB_152 0 k_LGSpVDAuthority_UB_152 32.4000015 k_SysKiRRaio MitthDeghtWDeg_M2 32.4000015 k_TravelXCDeadband_UB_162 7.5999999 k_TravelXCDeadband_UB_162 0.219974995 k_TravelXCDeadband_UB_162 332340832 targe_Lotten_ElspectTime_ms_U32_CurrentTime 332340832 targe_Lett_Lett_AD_VehDy_Neb_Pert_CockCT_HWDeg_152 targe_Lett_Lett_AD_VehDy_Neb_Pert_CockCT_HWDeg_152 targe_Lett_Lett_AD_VehDy_Neb_Pert_Lett_CockCT_HWDeg_152 targe_Lett_Neb_Tert_Lett_AD_VehDy_Pert_Lett_AD_VehDy_Pert_HWTGOTQLETT_HWTGQ_152 targe_Lett_Lett_AD_VehDy_Neb_Pert_Neb_Tert_Med_152 targe_Lett_Neb_Tert_HWTGQLETT_HWTGQLETT_HWTGQLETT_HWTGQLETT_Lett_AD_VehDy_Pert_Rett_MCS_HWDG_152 targe_Lett_Lett_AD_VehDy_Neb_Pert_Sensoriess-HWDG_HWDG_152 targe_Lett_Neb_Tert_HWTGQLETT_HWTGQLETT_HWTGQLETT_Lett_AD_VehDy_Pert_Rett_MCS_HWDG_152 targe_Lett_Lett_AD_VehDy_Neb_Pert_Sensoriess-HWDG_HWDG_152 targe_Lett_Neb_Tert_VehDy_Pert_AD_152 targe_Lett_Neb_Tert_AD_VehDy_Neb_Pert_Neb_Tert_VehicleSpeed_VehD_172 targe_Lett_Neb_Tert_VehDy_Pert_AD_152 targe_Lett_Neb_Tert_CockCOT_HWDG_152_value 1963.38804 targe_Lett_Neb_Tert_CockCOT_HWDG_152_value <td>VehDyn_PinTrqSV_M_str.SV_UIs_f32</td> <td>17.7999992</td>	VehDyn_PinTrqSV_M_str.SV_UIs_f32	17.7999992
VehDyn_SLPHWADLH_UB_M_I32	· - ·	0.000487000012
VehDyn_SLPHwPos_HwDos_M, Ig32 124.269997 k_HSpXPDAuthority_Uls_I32 0 k_SyskinRatio_MtrDesptwDos_IS2 32.4000015 k_TraveXDCAMAuthority_Uls_I32 7.5999999 k_TraveXDCAMAuthority_Uls_I32 0.219974995 k_TraveXDCAMERITIME_MS_U32_CurrentTime 3323480832 target_DespectTime_mS_U32_CurrentTime 43756824 target_Ris_Inst_AD_VehDyn_VehDyn_Pert_CowEOT_HwDog_IS2 target_VehDyn_Pert_CowEOT_HwDog_IS2 target_Ris_Inst_AD_VehDyn_VehDyn_Pert_HwDog_IS2 target_VehDyn_Pert_HwDog_IS2 target_Ris_Inst_AD_VehDyn_VehDyn_Pert_HwNm_IS2 target_VehDyn_Pert_HwNm_IS2 target_Ris_Inst_AD_VehDyn_VehDyn_Pert_HwNm_IS2 target_VehDyn_Pert_HwNm_IS2 target_Ris_Inst_AD_VehDyn_VehDyn_Pert_RelwNeys_HwDog_IS2 target_VehDyn_Pert_HwNm_IS2 target_Ris_Inst_AD_VehDyn_VehDyn_Pert_SensoriessAuthority_Uls_IS2 target_VehDyn_Pert_MelocyCRF_Mrks_Mrks_Dg_IS2 target_Ris_Inst_AD_VehDyn_VehDyn_Pert_SensoriessAuthority_Uls_IS2 target_VehDyn_Pert_SensoriessAuthority_Uls_IS2 target_Ris_Inst_AD_VehDyn_VehDyn_Pert_VehicleSpeed/dxil_Cnl_Igc target_VehDyn_Pert_VehicleSpeed/dxil_Cnl_Igc target_VehDyn_Pert_VehicleSpeed_Inst_Inst_Inst_Inst_Inst_Inst_Inst_Inst		
k_L6SpdVDAuthority_Uls_[32] 1 k_L6SpdVDAuthority_Uls_[32] 0 k_Syskificatio_Mrthoephythog_f32 32.4000015 k_TraveKCDeadband_Uls_[32] 7.5999999 k_TraveKCDeadband_Uls_[32] 0.219974995 k_TraveKDeadband_Uls_[32] 322480832 target_DimmElapsedTime_mS_u32_CurrentTime 3322480832 target_Re_ins_LAD_vebDny_NorDy_Per1_CwEOT_HwDeg_f32 target_VebDny_Per1_CwEOT_HwDeg_f32 target_Re_ins_LAD_vebDny_NorDy_Per1_CwEOT_HwDeg_f32 target_VebDny_Per1_CwEOT_HwDeg_f32 target_Re_ins_LAD_vebDny_NorDy_Per1_MotorVeiCRF_MitradpS_f32 target_VebDny_Per1_HwTorque_HwDm_f32 target_Re_ins_LAD_vebDny_NorDy_Per1_Rell-WF0s_HwDeg_f32 target_VebDny_Per1_MotorVeiCRF_MitradpS_f32 target_Re_ins_LAD_vebDny_NorDy_Per1_SensoriessAuthority_Uls_f32 target_VebDny_Per1_Rell-WF0s_HwDeg_f32 target_Re_ins_LAD_vebDny_NorDy_Per1_SensoriessAuthority_Uls_f32 target_VebDny_Per1_SensoriessAuthority_Uls_f32 target_Re_ins_LAD_vebDny_NorDy_Per1_SensoriessAuthority_Uls_f32 target_VebDny_Per1_SensoriessAuthority_Uls_f32 target_Re_ins_LAD_vebDny_NorDy_Per1_SensoriessAuthority_Uls_f32 target_VebDny_Per1_SensoriessAuthority_Uls_f32 target_Re_ins_LAD_vebDny_NorDy_Per1_VehicleSpeedVail_Cnt_Uls_target_NorDy_Per1_Rell-WF0s_HwDs_f32 target_VebDny_Per1_VehicleSpeedVail_		
k_CospdVDAuthority_Uis_[32 0 k_SyskinRatio_MitrDegpritvDeg_132 32.4000015 k_TraveRXCDeadand_Uis_[62] 7.5999999 k_TraveRXCDeadand_Uis_[62] 0.219974995 k_TraveRXCDeadand_Uis_[62] 322480832 target_DimmElapsedTime_mS_u32_ElapsedTime 437658624 target_Rie_Inst_Ap_Verbpv_Nerbp_mert_CowEOT_HwDeg_152 target_Verbpv_Pert_CowEOT_HwDeg_152 target_Rie_Inst_Ap_Verbpv_Nerbp_mert_MotOT_HwDeg_152 target_Verbpv_Pert_MeroT_HwTorque_HwNm_152 target_Rie_Inst_Ap_Verbpv_Nerbpv_Pert_MotOrVerCF_MitrRadpS_152 target_Verbpv_Pert_HwTorque_HwNm_152 target_Rie_Inst_Ap_Verbpv_Nerbpv_Pert_ReinwFos_HwDeg_152 target_Verbpv_Pert_ReinwFos_HwDeg_152 target_Rie_Inst_Ap_Verbpv_Nerbpv_Pert_ReinwFos_HwDeg_152 target_Verbpv_Pert_ReinwFos_HwDeg_152 target_Rie_Inst_Ap_Verbpv_Nerbpv_Pert_ReinwFos_HwDeg_152 target_Verbpv_Pert_ReinwFos_HwDeg_152 target_Rie_Inst_Ap_Verbpv_Nerbpv_Pert_Norp_Pert_ReinwFos_HwDeg_152 target_Verbpv_Pert_ReinwFos_HwDeg_152 target_Rie_Inst_Ap_Verbpv_Nerbpv_Pert_Verbibvp_Pert_Nerbeg_152 target_Verbpv_Pert_ReinwFos_HwDeg_152 target_Nerbpv_Pert_Norp_Nerbpv_Nerbpv_Pert_Norp_Pert_Norp_Nerbpv_Pert_Norp_Pert_Norp_Nerbpv_Pert_Norp_Pert_Norp_Pert_Norp_Nerbpv_Pert_Norp_Pert_Norp_Nerbpv_Pert_Norp_Pert_Norp_Nerbpv_Pert_Norp_Pert_Norp_Pert_Norp_Pert_Norp_Nerbpv_Pert_Norp_Pert_Norp_Nerbpv_Pert_Nor		
k_SyskinRatio_MtrDegpHwDeg_f32 32.4000015 k_TraewEXCDeadband_Uis_f32 7.5999999 k_TraewEXCMAtthority_Uis_f32 0.219974995 larget_DimmElapsedTime_mS_u32_CurrentTime 3323480322 target_Ris_inst_Ap_VehDyn_Pert_CoxEOT_HwDeg_f32 target_VehDyn_Pert_CoxEOT_HwDeg_f32 target_Ris_inst_Ap_VehDyn_VehDyn_Pert_OxEOT_HwDeg_f32 target_VehDyn_Pert_Deg_f32 target_Ris_inst_Ap_VehDyn_VehDyn_Pert_MorovelorEF_MirRadps_f32 target_VehDyn_Pert_MorovelorEF_MirRadps_f32 target_Ris_inst_Ap_VehDyn_VehDyn_Pert_RelHwPos_HwDeg_f32 target_VehDyn_Pert_MorovelorEF_MirRadps_f32 target_Ris_inst_Ap_VehDyn_VehDyn_Pert_SensoriessAuthority_Uis_f32 target_VehDyn_Pert_RelHwPos_HwDeg_f32 target_Ris_inst_Ap_VehDyn_VehDyn_Pert_TorquecmdcRF_MirRadps_f32 target_VehDyn_Pert_RelHwPos_HwDeg_f32 target_Ris_inst_Ap_VehDyn_VehDyn_Pert_VehicleSpeedValid_Cn_Ligo target_VehDyn_Pert_SensoriessAuthority_Uis_f32 target_Ris_inst_Ap_VehDyn_VehDyn_Pert_VehicleSpeedValid_Cn_Ligo target_VehDyn_Pert_VehicleSpeed_Kph_f32 target_VehDyn_Pert_CoxEOT_HwDeg_f32.value -192.value target_VehDyn_Pert_MorovelCRF_MirRadps_f32.value -17.6999998 target_VehDyn_Pert_MorovelCRF_MirRadps_f32.value -17.6999998 target_VehDyn_Pert_MorovelCRF_MirRadps_f32.value -17.69999998		
k_TravelXCDeadband_Uls_f32 7.5999999 k_TravelXCHwAuthority_Uls_f32 0.219974995 target_DrimcIBspedTime_mS_u32_CurrentTime 3324480932 target_Re_Inst_Ap_VehDyn_VehDyn_Pert_CwEOT_HwDeg_f32 target_Rel_inst_Ap_VehDyn_VehDyn_Pert_CwEOT_HwDeg_f32 target_Re_Inst_Ap_VehDyn_VehDyn_Pert_HwTorque_HwNm_f32 target_VehDyn_Pert_CwEOT_HwDeg_f32 target_Re_Inst_Ap_VehDyn_VehDyn_Pert_HwTorque_HwNm_f32 target_VehDyn_Pert_LwTorque_HwNm_f32 target_Re_Inst_Ap_VehDyn_VehDyn_Pert_HwTorque_HwNm_f32 target_VehDyn_Pert_HwTorque_HwNm_f32 target_Re_Inst_Ap_VehDyn_VehDyn_Pert_Sensoriess-MvDeg_f32 target_VehDyn_Pert_HwTorque_HwNm_f32 target_Re_Inst_Ap_VehDyn_VehDyn_Pert_Sensoriess-HwDeg_f32 target_VehDyn_Pert_Sensoriess-Suthoris_HuIs_f32 target_Re_Inst_Ap_VehDyn_VehDyn_Pert_TorqueCmdCRF_MINT_f32 target_VehDyn_Pert_Sensoriess-Suthoris_HuIs_f32 target_Re_Inst_Ap_VehDyn_VehDyn_Pert_VehicleSpeed Xpd_f32 target_VehDyn_Pert_Sensoriess-Suthoris_HuIs_f32 target_VehDyn_Pert_Sensoriess-Suthoris_HuIs_f32 target_VehDyn_Pert_VehicleSpeed Xpd_f32 target_VehDyn_Pert_Mortor_VehCle_Speed Xpd_f32 target_VehDyn_Pert_VehicleSpeed Xpd_f32 target_VehDyn_Pert_Mortor_VehCle_Speed Xpd_f32 target_VehDyn_Pert_VehicleSpeed Xpd_f32 target_VehDyn_Pert_Nept_Relixes_Speed Xpd_f32 value -17.5999998 </td <td></td> <td></td>		
k_TravetXCHwAuthority_Uls_f32 0.219974995 target_CleSystemTime_ms_u32_CurrentTime 3323480832 target_Ell_nist_Ap_VehDyn.VehDyn_Pert_CwEGT_HwDeg_f32 target_Rle_Inst_Ap_VehDyn.VehDyn_Pert_CwEGT_HwDeg_f32 target_Rle_Inst_Ap_VehDyn.VehDyn_Pert_LwEGT_HwDeg_f32 target_VehDyn_Pert_LwEGT_HwDeg_f32 target_Rle_Inst_Ap_VehDyn.VehDyn_Pert_MotorVe(CRF_MtrRadps_f32 target_VehDyn_Pert_HwTorque_HwNm_f32 target_Rle_Inst_Ap_VehDyn.VehDyn_Pert_RelHwPos_HwDeg_f32 target_VehDyn_Pert_Hotorque_HwNm_f32 target_Rle_Inst_Ap_VehDyn.VehDyn_Pert_SensoriessAuthority_Uls_f32 target_VehDyn_Pert_SensoriessAuthority_Uls_f32 target_Rle_Inst_Ap_VehDyn.VehDyn_Pert_SensoriessAwthority_Uls_f32 target_VehDyn_Pert_SensoriessAwthority_Uls_f32 target_Rle_Inst_Ap_VehDyn.VehDyn_Pert_SensoriessAwthority_Uls_f32 target_VehDyn_Pert_SensoriessAwthority_Uls_f32 target_Rle_Inst_Ap_VehDyn.VehDyn_Pert_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Pert_SensoriessAwthority_Uls_f32 target_NehDyn_VehDyn_Pert_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Pert_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Pert_VehDyn_VehDyn_Pert_VehicleSpeed_Kph_f32 target_VehDyn_Pert_VehicleSpeed_Kph_f32 target_VehDyn_Pert_CwEOT_HwDeg_f32.value 1043.38904 target_VehDyn_Pert_RelHwPos_HwDeg_f32.value 147.3680005 target_VehDyn_Pert_TorqueCmdCRF_MtrNm_f32.value	k_SysKinRatio_MtrDegpHwDeg_f32	32.4000015
target_DtrmnElapsedTime_mS_u32_ElapsedTime 3323480832 target_Relinst_AD_vehDny_mBrd_CowEOT_HwDeg_f32 target_Relinst_AD_vehDny_Nerl_CowEOT_HwDeg_f32 target_Relinst_AD_vehDny_Nerl_CowEOT_HwDeg_f32 target_VehDny_Perl_CwEOT_HwDeg_f32 target_Relinst_AD_vehDny_Nerl_Morty-CowEOT_HwDeg_f32 target_VehDny_Perl_Morty-Elapst_AD_vehDny_Nerl_Morty-CowEot_Mrkadps_f32 target_Relinst_AD_vehDny_Nerl_Morty-CowEot_Mrkadps_f32 target_VehDny_Perl_Morty-Elapst_Mrkadps_f32 target_Relinst_AD_vehDny_Nerl_Norty-CowEot_Mrkadps_f32 target_VehDny_Perl_Morty-Elapst_Mrkadps_f32 target_Relinst_AD_vehDny_Nerl_SensoriessAuthority_Uis_f32 target_VehDny_Perl_Morty-Elapst_Mrkadps_f32 target_Relinst_AD_vehDny_Nerl_SensoriessAuthority_Uis_f32 target_VehDny_Perl_SensoriessAuthority_Uis_f32 target_Relinst_AD_vehDny_Nerl_SensoriessAuthority_Uis_f32 target_VehDny_Perl_SensoriessAuthority_Uis_f32 target_Relinst_AD_vehDny_Nerl_SensoriessAuthority_Uis_f32 target_VehDny_Perl_SensoriessAuthority_Uis_f32 target_Relinst_AD_vehDny_Nerl_SensoriessAuthority_Uis_f32 target_VehDny_Perl_SensoriessAuthority_Uis_f32 target_Nelbny_Nerl_SensoriessAuthority_Uis_f32 target_VehDny_Perl_SensoriessAuthority_Uis_f32 target_VehDny_Nerl_SensoriessAuthority_Uis_f32 target_VehDny_Perl_SensoriessAuthority_Uis_f32 target_VehDny_Nerl_SensoriessAuthority_Uis_f32 target_	k_TravelXCDeadband_Uls_f32	7.5999999
target_GetSystemTime_mS_u32_CurrentTime 437658624	k_TravelXCHwAuthority_Uls_f32	0.219974995
target_Rte_inst_Ap_VehDyn_Per1_CcwEOT_HwDeg_i32 target_Rte_inst_Ap_VehDyn_Per1_CwEOT_HwDeg_i32 target_Rte_inst_Ap_VehDyn_VehDyn_Per1_MotorVeiQRF_MtradpS_i32 target_Rte_inst_Ap_VehDyn_VehDyn_Per1_MotorVeiQRF_MtradpS_i32 target_Rte_inst_Ap_VehDyn_VehDyn_Per1_MotorVeiQRF_MtradpS_i32 target_Rte_inst_Ap_VehDyn_VehDyn_Per1_Rell+Wpos_HwDeg_i32 target_Rte_inst_Ap_VehDyn_VehDyn_Per1_Rell+Wpos_HwDeg_i32 target_Rte_inst_Ap_VehDyn_VehDyn_Per1_SensortessAtwPos_i32 target_Rte_inst_Ap_VehDyn_VehDyn_Per1_SensortessAtwPos_i32 target_Rte_inst_Ap_VehDyn_VehDyn_Per1_SensortessAtwPos_i32 target_Rte_inst_Ap_VehDyn_VehDyn_Per1_SensortessAtwPos_i32 target_Rte_inst_Ap_VehDyn_VehDyn_Per1_SensortessAtwPos_i32 target_Rte_inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_Mtrixin_i32 target_Rte_inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_igc target_Rte_inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_igc target_Rte_inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_igc target_VehDyn_Per1_CwEOT_HwDeg_i32_value itarget_VehDyn_Per1_VehDeg_i32_value itarget_VehDyn_Per1_MotorvelCRF_MtradpS_i32_value itarget_VehDyn_Per1_MotorvelCRF_MtradpS_i32_value itarget_VehDyn_Per1_Rell+Wroque_HwDeg_i32_value itarget_VehDyn_Per1_MotorvelCRF_MtradpS_i32_value itarget_VehDyn_Per1_HwTorque_HwDeg_i32_value itarget_VehDyn_Per1_HwTorque_HwDeg_i32_value itarget_VehDyn_Per1_WehicleSpeed_Kph_i32_value itarget_VehDyn_Per1_Rell+Wpos_HwDeg_i32_value itarget_VehDyn_Per1_Rell-Wpos_i32_value itarget_VehDyn_Per1_VehicleSpeed_Kph_i32_value itarget_VehDyn_Per1_WehicleSpeed_Kph_i32_value itarget_VehDyn_Per1_WehicleSpeed_Kph_i32_value itarget_VehDyn_Per1_Rell-Wpos_i32_value itarget_VehDyn_Per1_Rell-Wpos_i32_value itarget_VehDyn_Per1_Rell-Wpos_i32_value itarget_VehDyn_Per1_VehicleSpeed_Kph_i32_value itarget_VehDyn_Per1_VehicleSpeed_Kph_i32_value itarget_VehDyn_Per1_VehicleSpeed_Kph_i32_value itarget_VehDyn_Per1_VehicleSpeed_Kph_i32_value itarget_VehDyn_Per1_VehicleSpeed_Kph_i32_value itarget_VehDyn_Per1_VehicleSpeed_Kph_i32_value itarget_VehDyn_Per1_VehicleSpeed_Kph_i32_value itarget_Ve	target_DtrmnElapsedTime_mS_u32_ElapsedTime	3323480832
target_Rel_inst_Ap_VehDyn_Perl_CcwEOT_HwDeg_i32 target_VehDyn_Perl_CcwEOT_HwDeg_i32 target_Rel_inst_Ap_VehDyn_VehDyn_Perl_MchTOrque_HwNm_i32 target_VehDyn_Perl_MchTORque_HwNm_i32 target_Rel_inst_Ap_VehDyn_VehDyn_Perl_MotorVelCRF_MtrRadpS_i32 target_VehDyn_Perl_MchTorque_HwNm_i32 target_Rel_inst_Ap_VehDyn_Perl_MotorVelCRF_MtrRadpS_i32 target_VehDyn_Perl_RelHwPos_HwDeg_i32 target_Rel_inst_Ap_VehDyn_VehDyn_Perl_RelHwPos_HwDeg_i32 target_VehDyn_Perl_RelHwPos_HwDeg_i32 target_Rel_inst_Ap_VehDyn_VehDyn_Perl_SensorlessAthwPos_HwDeg_i32 target_VehDyn_Perl_SensorlessAthwPos_HwDeg_i32 target_Rel_inst_Ap_VehDyn_VehDyn_Perl_SensorlessAthwPos_HwDeg_i32 target_VehDyn_Perl_SensorlessAthwPos_HwDeg_i32 target_Rel_inst_Ap_VehDyn_VehDyn_Perl_VehicleSpeed i20 target_VehDyn_Perl_TorqueCmdCRF_MtrNm_i32 target_Rel_inst_Ap_VehDyn_VehDyn_Perl_VehicleSpeed i20 target_VehDyn_Perl_TorqueCmdCRF_MtrNm_i32 target_VehDyn_Perl_VehicleSpeed i20 target_VehDyn_Perl_VehicleSpeed i20 target_VehDyn_Perl_WebDig_i32 target_VehDyn_Perl_VehicleSpeed i20 target_VehDyn_Perl_HwTorque_HwNm_i32 target_VehDyn_Perl_VehicleSpeed i20 target_VehDyn_Perl_HwRTorque_HwNm_i32 target_VehDyn_Perl_VehicleSpeed i32 target_VehDyn_Perl_VehicleSpeed i32 target_VehDyn_Perl_VehicleSpeed i32 target_VehDyn_Perl_VehicleSpeed i32		437658624
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target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value -1.76999998 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 398.85199 Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2967684784 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 3796740682 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 456.100006 ± 0.0009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value		
target_VehDyn_Per1_HwTorque_HwNm_f32.value		
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value -147.365005 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value 753.640015 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value 8.19999981 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value 1 target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 398.85199 Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2967684784 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 3796740682 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitItSV_HwDeg_str.SV_UIs_f32 456.100006 ± 0.0009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitIt2SV_HwDeg_str.SV_UIs_f32 -1438.19995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0		
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value 753.640015 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value 8.19999981 target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 1 Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2967684784 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 3796740682 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 456.100006 ± 0.0009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1438.19995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 437658624		
target_VehDyn_Perl_TorqueCmdCRF_MtrNm_f32.value 8.19999981 target_VehDyn_Perl_VehicleSpeed_Valid_Cnt_lgc.value 1 target_VehDyn_Perl_VehicleSpeed_Kph_f32.value 398.85199 Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2967684784 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 3796740682 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 456.100006 ± 0.0009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -1438.19995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1_Initialized_Cnt_lgc 0	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-147.365005
target_VehDyn_Perl_TorqueCmdCRF_MtrNm_f32.value 8.19999981 target_VehDyn_Perl_VehicleSpeed_Valid_Cnt_lgc.value 1 target_VehDyn_Perl_VehicleSpeed_Kph_f32.value 398.85199 Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2967684784 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 3796740682 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 456.100006 ± 0.0009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -1438.19995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1_Initialized_Cnt_lgc 0	target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	753.640015
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 1 target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 398.85199 Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2967684784 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 3796740682 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 456.100006 ± 0.0009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -1438.19995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 437658624		8.19999981
Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2967684784 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 3796740682 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 456.100006 ± 0.0009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1438.19995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 437658624	· · · · - ·	
Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2967684784 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 3796740682 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 456.100006 ± 0.0009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1438.19995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 437658624		
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2967684784 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 3796740682 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 456.100006 ± 0.0009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -1438.19995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 437658624		
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2967684784 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 3796740682 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 456.100006 ± 0.0009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1438.19995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 437658624		·
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 437658624		
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -1438.19995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 437658624	VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.Rell+wPosFilt2SV_HwDeg_str.SV_Uls_f32 -1438.19995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 437658624		456.100006 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 437658624	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 437658624		-1438.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 437658624	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 437658624	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1 0
	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1 0 1
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 1078320779	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1 0 1 0
	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1 0 1 0

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Name	Expected Value
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1885.40002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2000.59998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	437658624
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.330017 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	142.100006 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1043.38904
VehDyn_MinOffset_HwDeg_M_f32	-392.730011
VehDyn_PinTrqSV_M_str.SV_UIs_f32	17.7905922 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1600 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	570.099976
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	76.099985
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.099999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	25.1000004
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	49475
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22037
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000410999986
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.59998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000969999994
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	75.8000031
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	88.5999985
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.7000008
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.5999985
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2291
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58929
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1887.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000769999984
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.90002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000531999976
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	0

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Input Value

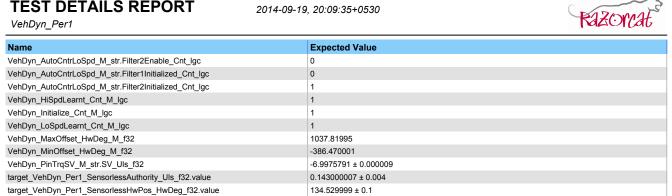
VehDyn_Per1

Name



Ivalile	input value
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	75.1999969
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	146.199997
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.2000008
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	45.2000008
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	12258
	36416
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.66000012e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000969999994
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt lgc	1
	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1207.81396
VehDyn_MinOffset_HwDeg_M_f32	-410.070007
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-7
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000487999991
VehDyn_SLPHwAuth_Uls_M_f32	0.143000007
VehDyn_SLPHwPos_HwDeg_M_f32	134.529999
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_UIs_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	52.7000008
	9.17000008
k_TravelXCDeadband_Uls_f32	
k_TravelXCHwAuthority_Uls_f32	0.221200004
target_DtrmnElapsedTime_mS_u32_ElapsedTime	71426560
target_GetSystemTime_mS_u32_CurrentTime	3941357312
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-386.470001
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1037.81995
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-1.88
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	88
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1988
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	-8.39999962
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	0
	489
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.19995 ± 0.009
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1950.59998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1 3941357312
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1 3941357312 2138628886
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	1 3941357312 2138628886 -1887.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	1 3941357312 2138628886 -1887.5 ± 0.009 1900.90002 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1 3941357312 2138628886 -1887.5 ± 0.009 1900.90002 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1 3941357312 2138628886 -1887.5 ± 0.009 1900.90002 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1 3941357312 2138628886 -1887.5 ± 0.009 1900.90002 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1 3941357312 2138628886 -1887.5 ± 0.009 1900.90002 ± 0.009 0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1 3941357312 2138628886 -1887.5 ± 0.009 1900.90002 ± 0.009 0 0 1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1 3941357312 2138628886 -1887.5 ± 0.009 1900.90002 ± 0.009 0 0 1 0 1 0 1024
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1 3941357312 2138628886 -1887.5 ± 0.009 1900.90002 ± 0.009 0 0 1 0 1 0 1024 3589476708
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1 3941357312 2138628886 -1887.5 ± 0.009 1900.90002 ± 0.009 0 0 1 0 1 0 1024 3589476708 -1988.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1 3941357312 2138628886 -1887.5 ± 0.009 1900.90002 ± 0.009 0 0 1 0 1 0 1024 3589476708





Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

lame	Input Value
OtrmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M Igc	1
/ehDyn_AutoCntrDetSpd M str.MtrVel MtrRadpS f32	497.5
/ehDyn_AutoCntrDetSpd_W_str.Witver_WitrRadpS_132	86.5
/ehDyn_AutoChtrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.5
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeq_f32	86.5
, =	
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	43128
/ehDyn_AutoCottrDetSpd_M_str.Timer2Thresh_mS_u16	3186
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.099976
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000411999994
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.19995
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000972000009
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	98.6999969
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	76.5999985
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.6000004
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.4000015
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	38868
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	57944
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	274107514
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892861
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1753.19995
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000771999999
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	-1900.90002
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000536000007
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	98.0999985
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156.100006
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3.0999999
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	78.0999985
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	34738
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36612
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	54822322
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.30005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.68000027e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000972000009
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0

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Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1212.80603
VehDyn_MinOffset_HwDeg_M_f32	-416.790009
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.30000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000488999998
VehDyn_SLPHwAuth_Uls_M_f32	0.123999998
VehDyn_SLPHwPos_HwDeg_M_f32	144.789993
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	10.5
k_TravelXCDeadband_Uls_f32	10.7399998
k_TravelXCHwAuthority_Uls_f32	0.222424999
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2430672128
target_GetSystemTime_mS_u32_CurrentTime	3304439296
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-380.209991
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1032.25098
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-1.9900001
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-75.4100037
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1988
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	500.053986
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.099976 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3304439296
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988 ± 0.009
VEHIDAL MUTOCITICIDADA IN PRESENTADA ENTRE ENTRE INC. METERS PRESENTADO EN PRESENTADO	-1898.81555 ± 0.009
	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc	1 1 1
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1 1 1 3304439296
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1 1 1 3304439296 3796740682
VehDyn_AutoCntrHiSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32	1 1 1 3304439296 3796740682 1988.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Fiiter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Fiiter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_Uls_f32	1 1 1 3304439296 3796740682 1988.30005 ± 0.009 -1482.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1 1 1 3304439296 3796740682 1988.30005 ± 0.009 -1482.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1 1 1 3304439296 3796740682 1988.30005 ± 0.009 -1482.09998 ± 0.009 0 1
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1 1 1 3304439296 3796740682 1988.30005 ± 0.009 -1482.09998 ± 0.009 0 1 1
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1 1 1 3304439296 3796740682 1988.30005 ± 0.009 -1482.09998 ± 0.009 0 1 1 0
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	1 1 1 3304439296 3796740682 1988.30005 ± 0.009 -1482.09998 ± 0.009 0 1 1 0 1
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	1 1 1 3304439296 3796740682 1988.30005 ± 0.009 -1482.09998 ± 0.009 0 1 1 1 0 1
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	1 1 1 3304439296 3796740682 1988.30005 ± 0.009 -1482.09998 ± 0.009 0 1 1 1 0 1 0
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	1 1 1 3304439296 3796740682 1988.30005 ± 0.009 -1482.09998 ± 0.009 0 1 1 1 0 -955.749023
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	1 1 1 3304439296 3796740682 1988.30005 ± 0.009 -1482.09998 ± 0.009 0 1 1 1 0 -955.749023 -416.790009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	1 1 1 3304439296 3796740682 1988.30005 ± 0.009 -1482.09998 ± 0.009 0 1 1 1 0 -955.749023



T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
DtrmnElapsedTime_mS_u32	1
GetSystemTime_mS_u32	1
DtrmnElapsedTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

lame	Input Value
	•
htmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	31.7999992
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	96.8000031
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.8000019
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	56.7999992
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53759
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	30349
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476708
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.299988
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000413000002
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	142.600006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000974000024
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	66.9000015
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	86.5999985
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	12.8000002
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	45.7000008
'ehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	53970
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52282
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	328928812
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
'ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	935.299988
	0.000774000015
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.80005
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000539999979
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	66.4000015
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	126.400002
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	5.4000001
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.4000015
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	37799
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	41632
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	109643620
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004657
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.30005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.6999997e-005
ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1900.19995
ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000974000024
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc /ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
	1
ehDyn_HiSpdLearnt_Cnt_M_lgc	1
/ehDyn_Initialize_Cnt_M_lgc	
/ehDyn_LoSpdLearnt_Cnt_M_lgc	1
/ehDyn_MaxOffset_HwDeg_M_f32	1217.79797
ehDyn_MinOffset_HwDeg_M_f32	-423.51001





Name Input Value VehDyn, PinTrqSV, M., str. SV, Uls. f32 15.199998 VehDyn, PinTrqSV, M., str. K., Uls. f32 0.000490000006 VehDyn, SLPHwPos, HwDeg, M. f32 155.050003 K, HISpdVDAuthority, Uls. f32 1 K, LoSpdVDAuthority, Uls. f32 1 K, LoSpdVDAuthority, Uls. f32 2 K, TravelXCDeadband, Uls. f32 123.00004 K, TravelXCHwAuthority, Uls. f32 123.00004 K, TravelXCHwAuthority, Uls. f32 1223689994 Larget, DimnElapsedTime, mS, u32, CurrentTime 2242866176 Larget, GetsystemTime, mS, u32, CurrentTime 2167769344 Larget, Rie. Inst. Ap, VehDyn. VehDyn. Perl _CwEOT_HwDeg, f32 target, VehDyn. Perl, LowEOT_HwDeg, f32 Larget, Rie. Inst. Ap, VehDyn. VehDyn. Perl _CwEOT_HwDeg, f32 target, VehDyn. Perl, Lemotor, VehDyn. Perl, Lemotor, VehDyn. Perl, Lemotor, VehDyn. Perl, Lemotor, VehDyn. Perl, Lemotor, VehDyn. Perl, Lemotor, VehDyn. Perl, Lemotor, VehDyn. Perl, Lemotor, VehDyn. Perl, Perl, VehDyn. Perl, Perl, VehDyn. Perl, Perl, VehDyn. Perl, Perl, VehDyn. Perl, Perl, VehDyn. Perl, Perl, VehDyn. Perl, Perl, VehDyn. Perl, Perl, VehDyn. Perl, SensoriessAuthority, Uls. f32 target, VehDyn. Perl, SensoriessAuthority, Uls. f32 target, VehDyn. Perl, SensoriessAuthority, Uls. f32 target, VehDyn. Perl, SensoriessAuthority, Uls. f32 target, VehDyn. Perl, SensoriessA	
VehDyn_PinTrqSV_M_str.K_Uls_f32 0.000490000006 VehDyn_SLPHwAuth_Uls_M_f32 0.104999997 VehDyn_SLPHwPos_HwDeg_M_f32 155.050003 k_HISpdVDAuthority_Uls_f32 1 k_LoSpdVDAuthority_Uls_f32 0 k_SysKinRatio_MtrDegpHwDeg_f32 25.4500008 k_TravelXCDeadband_Uls_f32 12.3100004 k_TravelXCHwAuthority_Uls_f32 0.223649994 target_DtmmclapsedTime_mS_u32_ElapsedTime 2242866176 target_Rel_Inst_AD_VehDpv_Nebp_nert_CcwEOT_HwDeg_f32 target_VehDyn_Pert_CcwEOT_HwDeg_f32 target_Rel_Inst_AD_VehDyn_VehDpv_Pert_CcwEOT_HwDeg_f32 target_VehDyn_Pert_CcwEOT_HwDeg_f32 target_Rel_Inst_AD_VehDpvN.VehDpv_Pert_HwTorque_HwNm_f32 target_VehDpv_Pert_HwTorque_HwNm_f32 target_Rel_Inst_AD_VehDpvN.VehDpv_Pert_MotorVelCRF_MtrRadpS_f32 target_VehDpv_Pert_HwTorque_HwNm_f32 target_Rel_Inst_AD_VehDpvN.VehDpv_Pert_SensoriessAuthority_Uls_f32 target_VehDpv_Pert_MotorVelCRF_MtrRadpS_f32 target_Rel_Inst_AD_VehDpvN.VehDpv_Pert_SensoriessAuthority_Uls_f32 target_VehDpv_Pert_SensoriessAuthority_Uls_f32 target_Rel_Inst_AD_VehDpvN.VehDpv_Pert_SensoriessAuthority_Uls_f32 target_VehDpv_Pert_SensoriessAuthority_Uls_f32 target_Rel_Inst_AD_VehDpvN.VehDpv_Pert_TorqueCmdCRF_MtrNm_f32 target_VehDpv_Pert_Senso	
VehDyn_SLPHwAuth_Uls_M_f32 0.104999997 VehDyn_SLPHwPos_HwDeg_M_f32 155.050003 k_HISpdVDAuthority_Uls_f32 1 k_LoSpdVDAuthority_Uls_f32 25.4500008 k_SyskinRatio_MtrDegpHwDeg_f32 25.4500008 k_TravelXCDeadband_Uls_f32 12.3100004 k_TravelXCDeadband_Uls_f32 22.23649994 k_TravelXCHWAuthority_Uls_f32 0.223649994 target_DtmmclapsedTime_mS_u32_CurentTime 2167769344 target_RegetSystemTime_mS_u32_CurentTime 2167769344 target_Rel_nst_AQ_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32 target_Rel_nst_AQ_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_LwEOT_HwDeg_f32 target_Rel_nst_AQ_VehDyn_VehDyn_Per1_MotorvelCRF_MirRadpS_f32 target_VehDyn_Per1_MotorvelCRF_MirRadpS_f32 target_Rel_nst_AQ_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rel_nst_AQ_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rel_nst_AQ_VehDyn_VehDyn_Per1_TorqueCmdCRF_MirMm_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rel_nst_AQ_VehDyn_VehDyn_Per1_TorqueCmdCRF_MirMm_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	
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target_DtrmnElapsedTime_mS_u32_ElapsedTime	
target_GetSystemTime_nS_u32_CurrentTime 2167769344 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRR_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value 1026.68201 target_VehDyn_Per1_HwTorque_HwNm_f32.value 1026.68201 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 154 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 154 target_VehDyn_Per1_MotorVelCRF_MtrNm_f32.value 154 target_VehDyn_Per1_TorqueCmdCRR_MtrNm_f32.value 154 target_VehDyn_Per1_TorqueCmdCRR_MtrNm_f32.value 155 target_VehDyn_Per1_TorqueCmdCRR_MtrNm_f32.value 155 target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 155 target_V	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value 4.5 target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 4.5 target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Expected Value	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrRadpS_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Expected Value	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc_value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value 154 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value 1991.09998 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value 4.5 target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 55 Name Expected Value	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_LwehOtorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_LhwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_LhwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_LmvTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_LwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	
target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1026.68201 target_VehDyn_Per1_HwTorque_HwNm_f32.value -2.0999999 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 154 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value 1991.09998 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value -4.5 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value 0 target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 75 Name Expected Value	
target_VehDyn_Per1_HwTorque_HwNm_f32.value -2.0999999 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 154 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value 1991.09998 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value -4.5 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value 0 target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 75 Name Expected Value	
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 154 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value 1991.09998 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value -4.5 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value 0 target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 75 Name Expected Value	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value 4.5 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 75 Name Expected Value	
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value 0 target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 75 Name Expected Value	
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 75 Name Expected Value	
Name Expected Value	
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VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 1	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 3589476708	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 2967684784	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 456.299988 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 142.600006 ± 0.0009	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2503156835	
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32 935.299988 ± 0.0009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -1482.80005 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 0	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1	
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 109643620	
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 4004004657	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 1991.30005 ± 0.009	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 1900.19995 ± 0.009	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 1	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 1	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoOptd_God_M_str.Filter2Initialized_Cnt_lgc 10 VehDyn_AutoOptd_God_M_str.Filter2Initialized_Cnt_lgc 10	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc 1 VehDyn_HiSpdLearnt_Cnt_M_lqc 1	
7 - 1 - 2 - 2 - 2	
VehDyn_Initialize_Cnt_M_lgc 1 VehDyn_LoSpdLearnt_Cnt_M_lgc 1	
VehDyn_MaxOffset_HwDeg_M_f32 -964.41803	
VehDyn_MinOffset_HwDeg_M_f32 -904.41003 VehDyn_MinOffset_HwDeg_M_f32 -423.51001	
VehDyn_PinTrqSV_M_str.SV_Uls_f32	
target VehDyn Per1 SensorlessAuthority Uls f32.value 1±0.004	
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value 1600 ± 0.1	

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte Call VehDvn Per1 CP1 CheckpointReached	1



Test Step 2.174 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	290.100006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	106.09998
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	54.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13352
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3277
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000414000009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000975999981
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	34.5999985
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	96.8000031
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10.0100002
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	78.699969
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20423
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	31368
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	383750110
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888.200012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000775999972
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.799988
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00054400001
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	34
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	136
VehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	1
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	32
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	26195
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	22037
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	164464918
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.30005
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	7.71999985e-005
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1900.30005
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000975999981
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1222.79004
VehDyn_MinOffset_HwDeg_M_f32	-430.230011
VehDyn_PinTrqSV_M_str.SV_Uls_f32	14
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000491000013
VehDyn_SLPHwAuth_Uls_M_f32	0.0860000029
VehDyn_SLPHwPos_HwDeg_M_f32	165.309998
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	86.4499969
k_TravelXCDeadband_Uls_f32	13.8800001
k_TravelXCHwAuthority_Uls_f32	0.224875003
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2269150976
target_GetSystemTime_mS_u32_CurrentTime	3714197504
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32

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Name	Input Value
target Rte Inst Ap VehDyn.VehDyn Per1 MotorVelCRF MtrRadpS f32	target VehDyn Per1 MotorVelCRF MtrRadpS f32
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target VehDyn Per1 RelHwPos HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target VehDyn Per1 SensorlessHwPos HwDeg f32
target Rte Inst Ap VehDyn.VehDyn Per1 TorqueCmdCRF MtrNm f32	target VehDyn Per1 TorqueCmdCRF MtrNm f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-367.690002
target VehDyn Per1 CwEOT HwDeg f32.value	1021.11298
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-2.21000004
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	-759.541016
target VehDyn Per1 RelHwPos HwDeg f32.value	1987
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	1
target VehDyn Per1 VehicleSpeed Kph f32.value	99.4520035
Name	Expected Value
VehDyn AllowHiSpdAutoCntr Cnt M lgc	1
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
VehDyn AutoCntrDetSpd_M_str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-2500.5 ± 0.009
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1900.19995 ± 0.009
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt Igc	1
, =	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3714197504 2760420810
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888.200012 ± 0.0009
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-753.799988 ± 0.0009
	-733.799900 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	164464918
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.30005 ± 0.009 -1900.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1021.11298
VehDyn_MinOffset_HwDeg_M_f32	-367.690002
VehDyn_PinTrqSV_M_str.SV_UIs_f32	13.9920683 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.0860000029 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	165.309998 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	604.900024
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	116.900002
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.8999996
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	85.9000015
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21364
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22497
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	54822322

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Visityin, Juscical Hospita, M. serial Herical Society (1965) (196	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.30005
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Verbiny, AutoControlles(), M. as Filier Steines Circle; 0 Verbiny, AutoControlles(), M. as Filier Steines Circle; 0 Verbiny, AutoControlles(), M. as Filier Steines Circle; 0 Verbiny, AutoControlles(), M. as Filier Steines Circle; 0 Verbiny, AutoControlles(), M. as Filier Steines Circle; 0 Verbiny, AutoControlles(), M. as Filier Steines Circle; 0 Verbiny, AutoControlles(), M. as Filier Steines Circle; 0 Verbiny, AutoControlles(), M. as Filier Steines Circle; 0 Verbiny, AutoControlles(), M. as Filier Steines Circle; 0 Verbiny, AutoControlles(), M. as Filier Steines Circle; 0 Verbiny, AutoControlles(), M. as Filier Steines Circle; 2 Verbiny, AutoCon	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.5
VenDry AutoCombission M. at PrinterStates Cott go	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000977999996
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VehDyn_AutComthSpd_M_strainer_ms_us_strainer_ms_u		
VanDyn_AusConthiSpd_M_R relative/post IRSV_Noting_st SV_Us_52 VanDyn_AusConthiSpd_M_R relative/post IRSV_Noting_st SV_Us_53 VanDyn_AusConthiSpd_M_R relative/post IRSV_Noting_st SV_Us_53 VanDyn_AusConthiSpd_M_R relative/post IRSV_Noting_st SV_Us_53 VanDyn_AusConthiSpd_M_R relative/post IRSV_Noting_st SV_Us_53 VanDyn_AusConthiSpd_M_R relative/post IRSV_Noting_st SV_Us_53 VanDyn_AusConthiSpd_M_R relative/post IRSV_Noting_st SV_Us_53 VanDyn_AusConthiSpd_M_R relative/post IRSV_Noting_st SV_Us_53 VanDyn_AusConthiSpd_M_R relative/post IRSV_Noting_st SV_Us_53 VanDyn_AusConthiSpd_M_R relative/post IRSV_Noting_st SV_Us_53 VanDyn_AusConthiSpd_M_R relative/post IRSV_Noting_st SV_Us_53 VanDyn_AusConthiSpd_M_R relative/post IRSV_Noting_st SV_Us_53 VanDyn_AusConthiSpd_M_R relative/post IRSV_Noting_st SV_Us_53 VanDyn_AusConthiSpd_M_R relative/post IRSV_Noting_st SV_Us_53 VanDyn_AusConthiSpd_M_R relative/post IRSV_Noting_st SV_Us_53 VanDyn_AusConthiSpd_M_R relative/post IRSV_Noting_st SV_Us_53 VanDyn_AusConthiSpd_M_R relative/post IRSV_Noting_st SV_Us_53 VanDyn_AusConthiSpd_M_R relative/post IRSV_Noting_st SV_Us_53 VanDyn_AusConthiSpd_M_R relative/post IRSV_Noting_st X; Us_53 VanDyn_Noting_Noting_R Relative/post IRSV_Noting_R Relative/post IRSV_Noting_st X; Us_53 VanDyn_Noting_Noting_R Relative/post IRSV_Noting_st X; Us_53 VanDyn_Noting_Noting_R Relative_post IRSV_Noting_st X; Us_53 VanDyn_Noting_Noting_R Relative_pos		
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VerbDyn_AutoCrittiSpd_M_stributized_Coll_go		
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VerbDyn_AutoChitc.Sopi_M_str_NevQ_Mrsa_ngs_122		
Verbyn_AutoCriticSpd_M_str_FillPhirTq_Hwhin_52		0
VehDyn_AutoCnitLoSpd_M_str_FiliPrintHawIm_SI2	VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	2.4000001
VehDyn_AutoCnitLoSpd_M_str.TimerThreah_mS_u16	VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	146.399994
VenDry_AutoCnitLoSpd_M_str_Timer1Thresh_mS_u16	VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.4000001
VehDyn_AutoCntrLoSpd_M_str.Timer2Threst_mS_u16	VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.4000015
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VehDyn_AutoCnttLoSpd_M_str.Rinter2_mS_u32	VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3186
VehDyn_AutoCnttLoSpd_M_str.Timer2_mS_u32	VehDyn AutoCntrLoSpd M str.Timer1 mS u32	219286216
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k_LoSpdVDAuthority_UIs_f32	VehDyn_SLPHwPos_HwDeg_M_f32	175.570007
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target_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value 1015.54401 -2.31999993	target_DtrmnElapsedTime_mS_u32_ElapsedTime	3533260288
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1015.54401 -2.31999993		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1015.54401 target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_LowEOT_HwDeg_f32.value target_VehDyn_Per1_LhwTorque_HwNm_f32.value target_VehDyn_Per1_LhwTorque_HwNm_f32.value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_UIs_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1015.54401 -2.31999993		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1015.54401 -2.31999993		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_LvehicleSpeed_Kph_f32 targe		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_LowEOT_HwDeg_f32.value target_VehDyn_Per1_LowEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_LowEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_LowEOT_HwDeg_f32.value target_VehDyn_Per1_LowEOT_HwDeg_f32.value target_VehDyn_Per1_LowEOT_HwDeg_f32.value		
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_LewEOT_HwDeg_f32.value target_VehDyn_Per1_LewEOT_HwDeg_f32.value target_VehDyn_Per1_LewEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_LowEOT_HwDeg_f32.value target_VehDyn_Per1_LowEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 -361.429993		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_LwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value		
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value -361.429993 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1015.54401 target_VehDyn_Per1_HwTorque_HwNm_f32.value -2.31999993		
target_VehDyn_Per1_CwEOT_HwDeg_f32.value 1015.54401 target_VehDyn_Per1_HwTorque_HwNm_f32.value -2.31999993		
target_VehDyn_Per1_HwTorque_HwNm_f32.value -2.31999993		
	· - · · - · -	
ternet VehDun Bord MeterVelCBE MtrBodnS f22 value		
	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1253
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value 458.649994		
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value 7.9000001	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.9000001





Name	Input Value
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	87
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3323480832
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	425.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.799988 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3323480832
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.40002 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1015.54401
VehDyn_MinOffset_HwDeg_M_f32	-361.429993
VehDyn_PinTrqSV_M_str.SV_UIs_f32	8.89454937 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.0670000017 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	175.570007 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.176 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	554.799988
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	126.800003
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.8000002
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.8000031
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	33198
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27074
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892861
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000415999995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000980000012
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	120
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	116.599998

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.4000001
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	27401
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-423.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000780000002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.69995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000552000012
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	120
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	13.5
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	10
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	30404
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	30349
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	274107514
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.40002
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.76000015e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.5
/ehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.Sv_Uis_i32	0.000980000012
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
/enDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc /ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
	1
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_HiSpdLearnt_Cnt_M_lgc	1
/ehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1232.77405
VehDyn_MinOffset_HwDeg_M_f32	-443.670013
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.8999996
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000493000029
VehDyn_SLPHwAuth_Uls_M_f32	0.0480000004
VehDyn_SLPHwPos_HwDeg_M_f32	185.830002
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	54.1199989
k_TravelXCDeadband_Uls_f32	17.0200005
k_TravelXCHwAuthority_Uls_f32	0.227325007
target_DtrmnElapsedTime_mS_u32_ElapsedTime	812314880
arget_GetSystemTime_mS_u32_CurrentTime	3941357312
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
rarget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
arget Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target VehDyn Per1 VehicleSpeed Kph f32
arget_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-369.149994
arget_VehDyn_Per1_CwEOT_HwDeg_f32.value	1009.97498
arget_venDyn_rer1_cwco1_nwbeg_l32.value arget_VehDyn_Per1_HwTorque_HwNm_f32.value	-2.43000007
arget_venDyn_Per1_nwTorque_nwNm_isz.value arget_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-2.45000007 -835
arget_VenDyn_Per1_MotorveiCkr_mtrkaops_t32.value arget_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-635 -1999
arget_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.79999995 -1
arget_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
arget_VehDyn_Per1_VehicleSpeed_Kph_f32.value	127
Name	Expected Value
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892861
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.19995 ± 0.009
venbyn_nateenabetepa_w_striken wir eer nabee_strice v_enb_teb	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
	1





Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3941357312
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-423.5 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.69995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.40002 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.5 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1232.77405
VehDyn_MinOffset_HwDeg_M_f32	1629.84998
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.8919325 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.0480000004 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	185.830002 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name Same	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	290.100006
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	106.099998
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	54.0999985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13352
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3277
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3796740682
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.30005
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000417000003
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.09998
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000982000027
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	34.4000015
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	96
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10.6000004
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	78.8000031
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20423
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	31368
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	383750110
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420810
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888.299988
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000782000017
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.799988
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000555999984
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	34.5
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	136.5
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	1.10000002
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	32.5
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	26195
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22037
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	164464918
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.40002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.78000031e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	-1900.30005 0.000982000027
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0.000982000027
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1237.76599
VehDyn_MinOffset_HwDeg_M_f32	-450.390015
VehDyn_PinTrqSV_M_str.SV_UIs_f32	14
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000493999978
VehDyn_SLPHwAuth_Uls_M_f32	0.0289999992
VehDyn_SLPHwPos_HwDeg_M_f32	196.089996
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	86.2099991
k_TravelXCDeadband_Uls_f32	18.5900002
k_TravelXCHwAuthority_Uls_f32	0.228550002
target_DtrmnElapsedTime_mS_u32_ElapsedTime	0
target_GetSystemTime_mS_u32_CurrentTime	3304439296
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDog_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target VehDyn Per1 VehicleSpeedValid Cnt Igc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target VehDyn Per1 VehicleSpeed Kph f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-376.869995
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1004.40601
target VehDyn Per1 HwTorque HwNm f32.value	-2.53999996
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	-759.299988
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1987.09998
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.900001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	99.9899979
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3304439296
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888.299988 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.799988 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0 1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0 1 3304439296
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0 1

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Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-982.69397
VehDyn_MinOffset_HwDeg_M_f32	-450.390015
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.9918575 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.0289999992 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	196.089996 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	604.700012
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	116.699997
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.699998
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	85.6999969
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21364
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22497
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.5
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000418000011
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.30005
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000984000042
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	2.53999996
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	106.599998
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2.65400004
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.5999985
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	7034
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	39056
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	425.200012
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000783999974
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.899994
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000560000015
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	2.5999999
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	146.600006
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.5999985
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	43190
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3186
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	219286216
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.40002
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	7.79999973e-005

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Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000984000042
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0 0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	
VehDyn_MaxOffset_HwDeg_M_f32	1242.75806
VehDyn_MinOffset_HwDeg_M_f32	-457.109985
VehDyn_PinTrqSV_M_str.SV_Uls_f32	8.89999962
VehDyn_PinTrqSV_M_str.K_UIs_f32	0.000494999986
VehDyn_SLPHwAuth_Uls_M_f32	0.0099999978
VehDyn_SLPHwPos_HwDeg_M_f32	206.350006
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_UIs_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32 k TravelXCDeadband Uls f32	56.2999992 20.1599998
k_TravelXCHwAuthority_Uls_f32	0.229774997
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4294967295
target_GetSystemTime_mS_u32_CurrentTime	2167769344
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-384.589996
target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value	998.836975 -2.6500001
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1253
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	458.890015
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.9000001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	87.7699966
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1 0
VehDyn AutoCntrDetSpd_M_str.Filter1mittalized_Cnt_lgc	1
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	2167769344
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	425.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.899994 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrl_oSpd_M_str.RelHwPosFilt1SV_HwDog_str.SV_Uls_f32	1900.40002 ± 0.009 -1482.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	-1482.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	998.836975
VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	998.836975 -384.589996
VehDyn_MaxOffset_HwDeg_M_f32	998.836975





Name	Expected Value
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1.99000001 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

lomo	Innut Value
lame	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	554.700012
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	126.699997
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.699998
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.699969
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	33198
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27074
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892861
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.30005
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000418999989
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.1001
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000986000057
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	120.599998
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	116
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.5
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32.0999985
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	25532
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	27401
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3174948759
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948759
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-423.200012
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00078599999
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.8999
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000563999987
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	120
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	13.6000004
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	10
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	30404
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	30349
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	274107514
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.40002
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.81999988e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.299988
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000986000057
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_HiSpdLearnt_Cnt_M_lgc	0
ehDyn Initialize Cnt M lgc	0
/ehDyn_LoSpdLearnt Cnt M lqc	0
/ehDyn_MaxOffset_HwDeg_M_f32	-1247.75
/ehDyn_MinOffset_HwDeg_M_f32	-463.829987
/ehDyn_PinTrqSV_M_str.SV_UIs_f32	13.8999996
/ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000495999993





Name	Input Value
VehDyn_SLPHwAuth_Uls_M_f32	0.0189999994
VehDyn_SLPHwPos_HwDeg_M_f32	216.610001
k HiSpdVDAuthority Uls f32	0
k LoSpdVDAuthority Uls f32	1
k SysKinRatio MtrDegpHwDeg f32	54.3100014
k TravelXCDeadband Uls f32	21.7299995
k TravelXCHwAuthority Uls f32	0.231000006
target_DtrmnElapsedTime_mS_u32_ElapsedTime	255468
target GetSystemTime mS u32 CurrentTime	3714197504
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target VehDyn Per1 CcwEOT HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target VehDyn Per1 HwTorque HwNm f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-392.309998
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	993.268005
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-2.75999999
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.400024
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1999
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.79999995
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	127
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892861
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.1001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3714197504
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-423.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.8999 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3714197504
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.40002 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.299988 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	993.268005
VehDyn_MinOffset_HwDeg_M_f32	-392.309998
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.8917198 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.0189999994 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	216.610001 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte Call VehDvn Per1 CP1 CheckpointReached	1



Fest Step 2.180 (Repeat Count = 1)	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_Dtrime_ins_us2_Erapseumine target_GetSystemTime_mS_u32_CurrentTime
Rte Inst Ap VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M lgc	1
/ehDyn_AllownispuAutoGnti_Gnt_wi_gc /ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	290.100006
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	106.099998
/ehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	10.1000004
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	54.099985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13352
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3277
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3796740682
/ehDyn AutoCntrDetSpd M str.Timer2 mS u32	3174948759
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.5
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000419999997
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.30005
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000987999956
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	34.099985
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	96.099985
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10.6000004
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	78
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20423
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	31368
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	383750110
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420810
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888.299988
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000788000005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.900024
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000568000018
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	34.7000008
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	136.600006
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	1
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	32.7000008
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	26195
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22037
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	164464918
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.40002
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.84000003e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.5
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000987999956
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_HiSpdLearnt_Cnt_M_lgc	0
/ehDyn_Initialize_Cnt_M_lgc	1
/ehDyn_LoSpdLearnt_Cnt_M_lgc	0
/ehDyn_MaxOffset_HwDeg_M_f32	1252.74194
/ehDyn_MinOffset_HwDeg_M_f32	-470.549988
/ehDyn_PinTrqSV_M_str.SV_Uls_f32	14
/ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000497000001
/ehDyn_SLPHwAuth_Uls_M_f32	0.0280000009
/ehDyn_SLPHwPos_HwDeg_M_f32	226.869995
x_HiSpdVDAuthority_Uls_f32	0
c_LoSpdVDAuthority_Uls_f32	1
c_SysKinRatio_MtrDegpHwDeg_f32	86.3099976
c_TraveIXCDeadband_Uls_f32	23.2999992
c_TraveIXCHwAuthority_UIs_f32	0.232225001
arget_DtrmnElapsedTime_mS_u32_ElapsedTime	2167769344
arget_GetSystemTime_mS_u32_CurrentTime	0
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32

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Name	Input Value
target Rte Inst Ap VehDyn.VehDyn Per1 MotorVelCRF MtrRadpS f32	target VehDyn Per1 MotorVelCRF MtrRadpS f32
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target VehDyn Per1 RelHwPos HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target VehDyn Per1 SensorlessHwPos HwDeg f32
target Rte Inst Ap VehDyn.VehDyn Per1 TorqueCmdCRF MtrNm f32	target VehDyn Per1 TorqueCmdCRF MtrNm f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-400.029999
target VehDyn Per1 CwEOT HwDeg f32.value	987.698975
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-2.86999989
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	-759
target VehDyn Per1 RelHwPos HwDeg f32.value	1987.19995
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	1
target VehDyn Per1 VehicleSpeed Kph f32.value	99.9869995
Name	Expected Value
VehDyn AllowHiSpdAutoCntr Cnt M lgc	1
VehDyn_AlloWhiSpdAdioChtt_Cht_M_gc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
VehDyn AutoCntrDetSpd_M_str.Timer2_m3_u32 VehDyn AutoCntrDetSpd M_str.RelHwPosFilt1SV HwDeg_str.SV Uls_f32	-2500.5 ± 0.009
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1900.30005 ± 0.009
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt Igc	1
7 - 1	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
	0
VehDyn_AutoCatrl liSed M. str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888.299988 ± 0.0009
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-753.900024 ± 0.0009
	-733.900024 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.40002 ± 0.009 -1900.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.5 ± 0.009
VehDyn_AutoCntrloSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-999.500977
VehDyn_MinOffset_HwDeg_M_f32	-470.549988 43.0046420 + 0.00000
VehDyn_PinTrqSV_M_str.SV_UIs_f32	13.9916439 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.0280000009 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	226.869995 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.181 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	604.200012
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	116.199997
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.3000002
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	85.3000031
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21364

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22497
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.30005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000421000004
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000989999971
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	2.4000001
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	106.599998
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2.0999999
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.4000015
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	7034
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	39056
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	425.200012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00079000002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.799988
	0.00057199999
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000571999999 1
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1 0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	2.4000001
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	146.699997
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	7.69999981
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	43190
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3186
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.86000019e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000989999971
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt lgc	0
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
VehDyn HiSpdLearnt Cnt M Igc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1257.73401
VehDyn_MinOffset_HwDeg_M_f32	-477.269989
	-4/7.209969 8.89999962
VehDyn_PinTrqSV_M_str.SV_Uls_f32 VehDyn_PinTrqSV_M_str.K_Uls_f32	
	0.000498000009
VehDyn_SLPHwRos_HwDog_M_f32	0.0370000005
VehDyn_SLPHwPos_HwDeg_M_f32	237.130005
k_HiSpdVDAuthority_UIs_f32	1
k_LoSpdVDAuthority_UIs_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	56.2099991
k_TravelXCDeadband_Uls_f32	24.8700008
k_TravelXCHwAuthority_Uls_f32	0.233449996
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3714197504
target_GetSystemTime_mS_u32_CurrentTime	4294967295
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target VehDvn Per1 VehicleSpeedValid Cnt lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Koh_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	target_VehDyn_Per1_VehicleSpeed_Kph_f32 -407.75
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32





Name	Input Value
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	458.839996
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.9000001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	87.7699966
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4294967295
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	425.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.799988 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	523.289978
VehDyn_MinOffset_HwDeg_M_f32	-477.269989
VehDyn_PinTrqSV_M_str.SV_Uls_f32	8.89415359 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	2.03999996 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.182 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	554.200012
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	126.199997
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.1999998
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.1999969
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	33198
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27074
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892861
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.3999
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000422000012
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.30005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000991999987
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	120.599998
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	116.099998

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.0999999
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32.4000015
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	27401
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-423.299988
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000791999977
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.80005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00057600002
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	1
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	0
	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	120.699997
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	13.6999998
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	10.6999998
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	30404
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	30349
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.88000034e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.099976
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000991999987
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt lgc	1
, , _ ,	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn MaxOffset HwDeg M f32	1262.72595
VehDyn_MinOffset_HwDeg_M_f32	-483.98999
VehDyn_PinTrqSV_M_str.SV_UIs_f32	13.8999996
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000499000016
VehDyn_SLPHwAuth_Uls_M_f32	0.0460000001
VehDyn_SLPHwPos_HwDeg_M_f32	247.389999
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_Uls_f32	1
k SysKinRatio MtrDegpHwDeg f32	54.2099991
k TravelXCDeadband Uls f32	26.4400005
k TravelXCHwAuthority Uls f32	0.234675005
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target_DtrmnElapsedTime_mS_u32_ElapsedTime	3323480832
target_GetSystemTime_mS_u32_CurrentTime	255468
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	
	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -415.470001
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -415.470001 976.560974
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -415.470001 976.560974 -3.08999991
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -415.470001 976.560974 -3.08999991 -835
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -415.470001 976.560974 -3.08999991 -835 -1999
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -415.470001 976.560974 -3.08999991 -835
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -415.470001 976.560974 -3.08999991 -835 -1999
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -415.470001 976.560974 -3.08999991 -835 -1999 -1.79999995
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Valid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_Igc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -415.470001 976.560974 -3.08999991 -835 -1999 -1.799999995 1 1127
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_Igc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -415.470001 976.560974 -3.08999991 -835 -1999 -1.799999995 1 127 Expected Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Valid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_Igc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -415.470001 976.560974 -3.08999991 -835 -1999 -1.79999995 1 127 Expected Value 1
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Valid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_Igc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -415.470001 976.560974 -3.08999991 -835 -1999 -1.799999995 1 127 Expected Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Valid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeed_Valid_Cnt_Igc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -415.470001 976.560974 -3.08999991 -835 -1999 -1.79999995 1 127 Expected Value 1
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -415.470001 976.560974 -3.08999991 -835 -1999 -1.79999995 1 127 Expected Value 1 2345892861
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -415.470001 976.560974 -3.08999991 -835 -1999 -1.79999995 1 127 Expected Value 1 2345892861 1024
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -415.470001 976.560974 -3.08999991 -835 -1999 -1.79999995 1 127 Expected Value 1 2345892861 1024 -2400.3999 ± 0.009 -2500.30005 ± 0.009
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -415.470001 976.560974 -3.08999991 -3.08999991 -1.79999995 1 127 Expected Value 1 2345892861 1024 -2400.3999 ± 0.009 -2500.30005 ± 0.009 1
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value target_VehDyn_Per1_CwEOT_HwDeg_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -415.470001 976.560974 -3.08999991 -835 -1999 -1.79999995 1 127 Expected Value 1 2345892861 1024 -2400.3999 ± 0.009 -2500.30005 ± 0.009





Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	255468
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-423.299988 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.80005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	255468
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.099976 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	976.560974
VehDyn_MinOffset_HwDeg_M_f32	-415.470001
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.8915052 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.0460000001 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	247.389999 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.183 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	200.100006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	166.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.10000038
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	41.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25496
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	383750110
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2160073393
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.82000007e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.09998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000899999985
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	580.099976
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	126
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.0999999
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.1399994
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	37799
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	41632
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	109643620
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.19995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000699999975
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000391999987
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	580.799988
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156.800003
VehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	2.7999995
	42.7999992
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	16683
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22497
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004657
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1950.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	6.95999988e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.3999
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000899999985
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1267.71802
VehDyn_MinOffset_HwDeg_M_f32	-490.709991
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.30000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000452999986
VehDyn_SLPHwAuth_Uls_M_f32	0.0549999997
VehDyn_SLPHwPos_HwDeg_M_f32	257.649994
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	32.5
k_TravelXCDeadband_Uls_f32	28.0100002
	0.2359
k_TravelXCHwAuthority_UIs_f32	
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1720406272
target_GetSystemTime_mS_u32_CurrentTime	4243378688
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessHwPos HwDeg f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target VehDyn Per1 CcwEOT HwDeg f32.value	-423.190002
target VehDyn Per1 CwEOT HwDeg f32.value	360
target VehDyn Per1 HwTorque HwNm f32.value	-3.20000005
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.5
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	200.257996
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.5
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	500
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	4243378688
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2160073393
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-2500 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	109643620
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	0
. 55 / tatoonar nopa_m_sa.r ntcremmanzed_ont_igo	4004004657
VehDvn_AutoCntrl oSpd_M_str_Timer1_mS_u32	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835

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Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1950.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.3999 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	360
VehDyn_MinOffset_HwDeg_M_f32	-423.190002
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.29571724 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.0549999997 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	257.649994 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

lame	Input Value
otrmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
SetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
tte Inst Ap VehDyn	target Rte Inst Ap VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	457,299988
ehDyn AutoCntrDetSpd M str.VehSpd kph f32	176.300003
rehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.30000019
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	63.2999992
ehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	11226
ehDyn_AutoCntrDetSpd_M_str.TimerTrnesh_mS_u16	60000
ehDyn_AutoCntrDetSpd_M_str.Timer2Tritesh_ms_u10 /ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322
/ehDyn_AutoCntrDetSpd_w_str.Filnerz_ms_usz /ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.3999
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.Sv_Uis_f32	3.8299997e-006
; =	-1482.30005
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000902
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1.
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	621 136.600006
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	1.10000002
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32.099985
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	26195
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	22037
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	164464918
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.5
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00070199999
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.5
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000395999989
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	621.400024
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	166.399994
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.34000015
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.3000002
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	5235
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27074
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420810
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	148.5

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Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.09998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000902
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1 0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn MaxOffset HwDeg M f32	1272.70996
VehDyn_MinOffset_HwDeg_M_f32	-497.429993
VehDyn PinTrgSV M str.SV Uls f32	15.1999998
VehDyn PinTrgSV M str.K Uls f32	0.000453999994
VehDyn SLPHwAuth Uls M f32	0.064000003
VehDyn_SLPHwPos_HwDeg_M_f32	267.910004
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_UIs_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	52.2000008
k_TravelXCDeadband_Uls_f32	29.5799999
k_TravelXCHwAuthority_UIs_f32	0.237124994
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2659241984
target_GetSystemTime_mS_u32_CurrentTime	1050692864
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-430.910004
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1440.10999
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-3.30999994 -1253
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-2000
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.60000002
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	499
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.3999 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.30005 ± 0.009
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1050692864
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1050692864
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	148.5 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
Making Automated and Mark Ethical St. Co. 11	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	0 1
VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	0 1 0
VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	0 1 0 1272.70996
VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	0 1 0





Name	Expected Value
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	267.910004 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

lame	Input Value
htmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
	target_Rte_Inst_Ap_VehDyn
Rte_Inst_Ap_VehDyn	0
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	498.399994
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	186.399994
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.399996
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	88.4000015
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	29729
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	33804
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892861
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.19995
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.83999986e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.1001
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000904000015
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	662
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	146.100006
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	7.0999999
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	52.4000015
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	43190
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3186
/ehDyn AutoCntrHiSpd M str.Timer1 mS u32	219286216
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.30005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000704000005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.40002
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.0003999999
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0.0003999999
	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	662.099976
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	176.139999
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.099999
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	53.0999985
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	29076
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	43868
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.5
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.0000019e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.40002
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000904000015
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_HiSpdLearnt_Cnt_M_lgc	1
/ehDyn Initialize Cnt M Igc	1
/ehDyn_LoSpdLearnt_Cnt_M_lgc	1
/ehDyn_MaxOffset_HwDeg_M_f32	1277.70203
/ehDyn_MinOffset HwDeg_M_132	-504.149994





Name	Input Value
VehDyn_PinTrqSV_M_str.SV_Uls_f32	14
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000455000001
VehDyn_SLPHwAuth_Uls_M_f32	0.0729999989
VehDyn_SLPHwPos_HwDeg_M_f32	278.170013
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	41.8499985
k_TravelXCDeadband_Uls_f32	31.1499996
k_TravelXCHwAuthority_Uls_f32	0.238350004
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2942063360
target_GetSystemTime_mS_u32_CurrentTime	3039943680
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-438.630005
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1415.25
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-3.42000008
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.099976
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1900.40002
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	120.050003
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	3039943680
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.1001 ± 0.009
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	219286216
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.30005 ± 0.009
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1482.40002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	0
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	1024
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.5 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.40002 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt lqc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn HiSpdLearnt Cnt M Igc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn MaxOffset HwDeg M f32	-485.149994
VehDyn MinOffset HwDeg M f32	-504.149994
VehDyn PinTrqSV M str.SV Uls f32	13.9921236 ± 0.00009
target VehDyn Per1 SensorlessAuthority Uls f32.value	0.238350004 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1396.25 ± 0.1
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Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte Call VehDvn Per1 CP1 CheckpointReached	1



Test Step 2.186 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	539.099976
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	196.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	75.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	7034
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22497
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2880.21997
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.85000021e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.69995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000905999972
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124.599998
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	156
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	13.6000004
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	10.3999996
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	30404
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	30349
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	-1900.19995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000706000021
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.599976
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000403999991
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	124.400002
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	186.100006
VehDyn AutoCntrLoSpd M str.FiltPinTrq HwNm f32	14.1000004
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.099985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	32821
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	53946
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948759
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1885.5
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	7.02000034e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.09998
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000905999972
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1.
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1282.69397
VehDyn_MinOffset_HwDeg_M_f32	-510.869995
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.80000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000456000009
VehDyn_SLPHwAuth_Uls_M_f32	0.0820000023
VehDyn_SLPHwPos_HwDeg_M_f32	288.429993
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_UIs_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	63.0139999
k_TravelXCDeadband_Uls_f32	32.7200012
k_TravelXCHwAuthority_Uls_f32	0.239574999
	1117112832
target_DtrmnElapsedTime_mS_u32_ElapsedTime	11111202
target_GetSystemTime_mS_u32_CurrentTime	1316564736
target_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	1316564736 target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_GetSystemTime_mS_u32_CurrentTime	1316564736

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target VehDyn Per1 RelHwPos HwDeg f32
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessAuthority UIs f32	target VehDyn Per1 SensorlessAuthority Uls f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 TorqueCmdCRF MtrNm f32	target VehDyn Per1 TorqueCmdCRF MtrNm f32
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeedValid Cnt Igc	target VehDyn Per1 VehicleSpeedValid Cnt Igc
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target VehDyn Per1 VehicleSpeed Kph f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1440.10999
target VehDyn Per1 CwEOT HwDeg f32.value	987.698975
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-3.52999997
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-456
target VehDyn Per1 RelHwPos HwDeg f32.value	-1900
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-7.30000019
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	0
target VehDyn Per1 VehicleSpeed Kph f32.value	230.039993
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2880.21997 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.69995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1316564736
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.599976 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1316564736
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1885.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	987.698975
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.79478073 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.0820000023 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	288.429993 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.187 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	580.200012	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	76.1999969	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.1999998	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	97.1999969	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25532	

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27074
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2880.21997
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.86000011e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000907999987
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	138.100006
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	166.699997
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	19.5
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	25.6000004
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	10412
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	3277
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000707999978
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.399994
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000407999993
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	138.100006
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	196
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.2000008
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.4000015
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	40437
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	13059
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	109643620
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1887.59998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.03999976e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	142.399994
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000907999987
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt Igc	1
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	0
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	0
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	0
VehDyn HiSpdLearnt Cnt M Igc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1287.68604
VehDyn_MinOffset_HwDeg_M_f32	-517.590027
VehDyn_PinTrqSV_M_str.SV_UIs_f32	3.20000005
VehDyn PinTrgSV M str.K Uls f32	0.000456999987
VehDyn_SLPHwAuth_Uls_M_f32	0.0909999982
VehDyn_SLPHwPos_HwDeg_M_f32	298.690002
k HiSpdVDAuthority UIs f32	0.99000001
k LoSpdVDAuthority Uls f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	88.8700027
k_TravelXCDeadband_Uls_f32	34.2900009
k_TravelXCHwAuthority_Uls_f32	0.240799993
target DtrmnElapsedTime mS u32 ElapsedTime	1736795392
target GetSystemTime mS u32 CurrentTime	2075080192
target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
g	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target Rte Inst Ap VehDvn.VehDvn Per1 RelHwPos HwDeg f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target VehDvn Per1 SensorlessAuthority Uls f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_UIs_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -360
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32





Name	Input Value
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1482.09998
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.2999995
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	245
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2880.21997 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2075080192
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.399994 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	109643620
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1887.59998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	142.399994 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	982.130005
VehDyn_MinOffset_HwDeg_M_f32	-360
VehDyn_PinTrqSV_M_str.SV_Uls_f32	3.19688082 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.99000001 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.188 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	621.299988
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	86.3000031
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.3000002
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.3000031
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	43128
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	43868
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.87e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.69995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000910000002
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86.9000015
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	176

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	3.0999999
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.4000015
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	16683
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	22497
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	383750110
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	2138628886
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-753.200012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00070999993
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1482.19995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000411999994
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt Igc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	86.4000015
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	206.199997
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.2000008
	45.2000008
VehDyn_AutoCntrloSpd_M_str.CntrWindow_HwDeg_f32	
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	2291
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	58929
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	164464918
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1753.59998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.05999992e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.09998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000910000002
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-1292.67798
VehDyn_MinOffset_HwDeg_M_f32	-524.309998
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-5.4000001
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000457999995
VehDyn_SLPHwAuth_Uls_M_f32	0.100000001
VehDyn_SLPHwPos_HwDeg_M_f32	308.950012
k_HiSpdVDAuthority_Uls_f32	0.889999986
k_LoSpdVDAuthority_UIs_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	75.8700027
k TravelXCDeadband Uls f32	35.8600006
k_TravelXCHwAuthority_Uls_f32	0.242025003
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3437401088
target_GetSystemTime_mS_u32_CurrentTime	954802432
target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	
target Rte Inst Ap VehDyn.VehDyn Per1 CwEOT HwDeg f32	target_VehDyn_Per1_CowEOT_HwDeg_f32
· · · · · · · · · · · · · · · · · · ·	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_UIs_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1242.25
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	976.560974
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-3.75
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1199
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-753.650024
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	123.330002
Name	Expected Value
Name	Expected Value
Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1 328928812
Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1 328928812 1024
Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1 328928812 1024 0 ± 0.000009
Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1 328928812 1024 0±0.000009 -1438.69995±0.009
Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1 328928812 1024 0 ± 0.000009 -1438.69995 ± 0.009
Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1 328928812 1024 0±0.000009 -1438.69995±0.009





Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	954802432
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	954802432
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1753.59998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-1292.67798
VehDyn_MinOffset_HwDeg_M_f32	-488.600006
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.39921045 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.100000001 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	308.950012 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.189 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	457.100006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	96.0999985
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.0999999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	42.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53759
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	53946
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	164464918
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1440.88
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.87999989e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000912000018
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	44.0999985
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	186.600006
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.0999999
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	56.2099991
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	5235
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	27074
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.200012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000712000008
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.299988
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000415999995
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	44.2000008
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	216.199997
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.3999996
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	78.1999969
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	38868
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	57944
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	935.599976
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.08000007e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.40002
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000912000018
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1297.67004
VehDyn_MinOffset_HwDeg_M_f32	-531.030029
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.5999999
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000459000003
VehDyn_SLPHwAuth_Uls_M_f32	0.108999997
VehDyn_SLPHwPos_HwDeg_M_f32	319.209991
k_HiSpdVDAuthority_Uls_f32	0.75999999
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	97.4499969
k TravelXCDeadband Uls f32	37.4300003
k TravelXCHwAuthority Uls f32	0.243249997
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3494315776
target_GetSystemTime_mS_u32_CurrentTime	2728878080
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target Rte Inst Ap VehDyn.VehDyn Per1 MotorVelCRF MtrRadpS f32	target VehDyn Per1 MotorVelCRF MtrRadpS f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target VehDyn Per1 SensorlessHwPos HwDeg f32
target Rte Inst Ap VehDyn.VehDyn Per1 TorqueCmdCRF MtrNm f32	target VehDyn Per1 TorqueCmdCRF MtrNm f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-423.190002
target VehDyn Per1 CwEOT HwDeg f32.value	970.992004
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-3.8599999
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1299.09998
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	456.450012
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	56
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	164464918
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	328928812
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1440.88 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.5 ± 0.0009
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	0
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	0
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2728878080
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892861
VehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	456.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.299988 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	-753.299906 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	1
	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682
venbyn_Autoonii.coopu_ivi_sii.Tiilietz_iiio_uoz	0100170002





Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	935.599976 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.40002 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	970.992004
VehDyn_MinOffset_HwDeg_M_f32	-423.190002
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.59471798 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.75999999 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1209.75 ± 0.1

Τ	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

lame	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
SetSystemTime mS u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte Inst Ap VehDyn	target Rte Inst Ap VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M lgc	1
/ehDyn_AllownispuAutoCrit_crit_wi_gc /ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	498.600006
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	106.59998
, _ , _ , _ , _ , _ , _ ,	2.5999999
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.5999999
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13352
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	13059
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	219286216
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	383750110
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1200.56006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.8899979e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.69995
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000913999975
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	96.5999985
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	196.699997
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	9.60000038
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	54
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	40437
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	13059
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2345892861
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.30005
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000714000023
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.299988
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000419999997
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	96.3000031
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	226.300003
ehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	8.30000019
ehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	96.3000031
ehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	53970
ehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	52282
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	274107514
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004657
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-888.599976
/ehDyn_AutoCntrLoSpd_w_str.RelHwPosFilt1SV_HwDeg_str.SV_dis_132	7.10000022e-005



Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.1001
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000913999975
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrl_oSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn MaxOffset HwDeg M f32	1302.66199
VehDyn_MinOffset_HwDeg_M_f32	-537.75
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.5
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00046000001
VehDyn_SLPHwAuth_Uls_M_f32	0.118000001
VehDyn_SLPHwPos_HwDeg_M_f32	329.470001
k_HiSpdVDAuthority_Uls_f32	0.340000004
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	86.6999969
k_TravelXCDeadband_Uls_f32	39
k_TraveIXCHwAuthority_UIs_f32	0.244475007
target_DtrmnElapsedTime_mS_u32_ElapsedTime target GetSystemTime mS u32 CurrentTime	463842816 824746752
target_GetSystem i ime_ms_usz_current i ime target_Rte_inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 CwEOT HwDeg f32	target_VenDyn_Per1_CcweO1_nwbeg_i32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-430.910004
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	965.422974
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-3.97000003
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-147
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-2500
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	-4.900001 0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	42.2200012
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	219286216
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	383750110
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1200.56006 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.69995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	824746752
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.30005 ± 0.009 456.299988 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	450.299960 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt Igc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	824746752
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888.599976 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.1001 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	1 0
VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	1 0 1302.66199
VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	1 0

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Name	Expected Value
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	329.470001 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

est Step 2.191 (Repeat Count = 1)	Input Value
htmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
tetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	9.5
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	226.5
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.5
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	53.5
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21364
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	52282
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	274107514
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.19995
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51000006e-006
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.69995
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00091599999
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1
ehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	100.400002
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	206.100006
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	7.099999
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	85.5999985
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2291
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58929
ehDyn AutoCntrHiSpd M str.Timer1 mS u32	2553156835
· - · ·	2760420810
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.19995
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00071599998
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.40002
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000423999998
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	100.400002
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	236.5
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.30000019
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	32.4000015
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	20423
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	31368
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	328928812
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4211268631
ehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	425.600006
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.11999965e-005
ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-2400.6001
ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.00091599999
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
	0
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	
ehDyn_HiSpdLearnt_Cnt_M_lgc	1
ehDyn_Initialize_Cnt_M_lgc	1
ehDyn_LoSpdLearnt_Cnt_M_lgc ehDyn MaxOffset HwDeg M f32	1
	-2840

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Name Input Value VehDyn_PinTrqSV_M str.SV_UIs_f32 -1.60000002 VehDyn_SLPH-Wakh, UIs_M_132 0.00046099989 VehDyn_SLPH-Wakh, UIS_M_132 0.000460999989 VehDyn_SLPH-Wakh, UIS_M_132 339.730011 K_HSgAVDAuthority_UIS_132 0 K_SysKinRatio_MitCegPH-Weg_f32 1 K_SysKinRatio_MitCegPH-Weg_f32 40.5999907 K_TraveRXCDeadand_UIs_f32 40.5999907 K_TraveRXCDeadand_UIS_f32 14.759885568 K_TraveRXCDeadand_UIS_f32 14.759885568 K_TraveRXCDeadand_UIS_f32 14.759885568 K_TraveRXCDeadand_UIS_f32 14.759805668 Larget_Rive_Inst_Ap_VehDyn-VehDy_PerI_VehDeg_f32 14.759805668 Larget_Rive_Inst_Ap_VehDyn-VehDy_PerI_VehDeg_f32 14.759805668 Larget_Rive_Inst_Ap_VehDyn-VehDy_PerI_VehTvorque_HwMm_122 14.75980671 Larget_Rive_Inst_Ap_VehDyn-VehDy_PerI_Rehirbos_HwDeg_f32 14.75980671 Larget_Rive_Inst_Ap_VehDyn-VehDy_PerI_Rehirbos_HwDeg_f32 14.75980671 Larget_Rive_Inst_Ap_VehDyn-VehDy_PerI_Rehirbos_HwDeg_f32 14.75980671 Larget_Rive_Inst_Ap_VehDyn-VehDy_PerI_Rehirbos_HwDeg_f32 14.75990671 Larget_VehD	
VehDyn_StPHWAUH_UIS_M_G2 0.000460999899 VehDyn_StPHWAUH_UIS_M_G2 0.127000004 VehDyn_StPHWAUH_UIS_M_G2 359.730011 Ik_HSgVDAuthorly_UIS_f32 1 K_LSSVDAURHORLDY_UIS_f32 1 K_SyskinRailo_MtrDegpHwDeg_G32 96.5 K_TraveKCHWAUHORLDY_UIS_f32 0.245700002 Larget_DrimElapsedTime_mS_U32_ElapsedTime 1759885568 target_Rel_mst_Ap_VehDyn_VehDyn_Per1_CovEOT_HwDeg_G32 target_VehDyn_Per1_CovEOT_HwDeg_G32 target_Rie_last_Ap_VehDyn_VehDyn_Per1_More_HwNm_G32 target_VehDyn_Per1_More_Free_Hwn_G32 target_Rie_last_Ap_VehDyn_VehDyn_Per1_More_HwNm_G32 target_VehDyn_Per1_More_Free_Hwn_G32 target_Rie_last_Ap_VehDyn_VehDyn_Per1_More_HwNm_G32 target_VehDyn_Per1_More_Free_Hwn_G32 target_Rie_last_Ap_VehDyn_VehDyn_Per1_Relrance_Hwn_G32 target_VehDyn_Per1_Relrance_Hwn_G32 target_Rie_last_Ap_VehDyn_VehDyn_Per1_SensoriessAuthority_Uis_f32 target_VehDyn_Per1_Relrance_Hwn_G32 target_Rie_last_Ap_VehDyn_VehDyn_Per1_SensoriessAuthority_Uis_f32 target_VehDyn_Per1_SensoriessAuthority_Uis_f32 target_Rie_last_Ap_VehDyn_VehDyn_Per1_SensoriessAuthority_Uis_f32 target_VehDyn_Per1_VehDyn_Per1_VehIndesSpeed_Kpn_G32 target_VehDyn_Per1_VehIndesSpeed_Kpn_G32_value target_VehDyn_Per1_VehIndesSpeed_	
VehDyn_SLPHwAuth_Uls_M_[32] 0.127000004 VehDyn_SLPHwPos_HvBog_M_[32] 339.730111 K_HSBYDVADuthority_Uls_[32] 0 K_LOSPQVDAUthority_Uls_[32] 1 K_SyskinRaito_MitrDepRivDeg_[32] 40.5699997 K_TravelXCDeadband_Uls_[62] 40.5699997 K_TravelXCDeadband_Uls_[82] 0.246700002 target_DremElappedTime_mS_u32_ElapsedTime 1758885568 target_Rel_Inst_Ap_VehDyn_VehDyn_Perf_CovEOT_HwDeg_[32] target_VehDyn_Perf_CovEOT_HwDeg_[32] target_Rel_Inst_Ap_VehDyn_VehDyn_Perf_CovEOT_HwDeg_[32] target_VehDyn_Perf_CovEOT_HwDeg_[32] target_Rel_Inst_Ap_VehDyn_VehDyn_Perf_MotoVelCRF_MitrRadpS_[32] target_VehDyn_Perf_MotoVelCRF_MitrRadpS_[32] target_Rel_Inst_Ap_VehDyn_VehDyn_Perf_RelHwPos_HwDeg_[32] target_VehDyn_Perf_NotoVelDyn_Perf_MotoVelCRF_MitrRadpS_[32] target_Rel_Inst_Ap_VehDyn_VehDyn_Perf_RelHwPos_HwDeg_[32] target_VehDyn_Perf_NotoVelDyn_Perf_NotoVelDyn_Perf_NotoVelDyn_Perf_NotoVelDyn_Perf_NotoVelDyn_Perf_NotoPerf_VehDyn_Perf_NotoVelDyn_Perf_NotoPerf_VehDyn_Perf_NotoVelDyn_Perf_NotoPerf_VehDyn_Perf_NotoPerf_VehDyn_Perf_NotoPerf_VehDyn_Perf_NotoPerf_VehDyn_Perf_NotoPerf_VehDyn_Perf_NotoPerf_VehDyn_Perf_NotoPerf_VehDyn_Perf_NotoPerf_VehDyn_Perf_NotoPerf_VehDyn_Perf_NotoPerf_VehDyn_Perf_NotoPerf_VehDyn_Perf_NotoPerf_VehDyn_Perf_NotoPerf_VehDyn_Perf_NotoPerf_VehDyn_Perf_NotoPerf_VehDyn_Perf_NotoPerf_VehDyn_Perf_NotoPerf_VehDyn_Perf_NotoPerf_VehDyn_Perf_NotoPerf_VehDyn_Perf_NotoPerf_V	
VehDyn SLPHkPos, HNDeg, M, 132 393.730011 k_HSpdVDAuthority, Uls, 152 1 k_SyskinRatio, MirDegpHwDeg, 132 96.5 k_TraveKXCHwAuthority, Uls, 132 40.6869997 k_TraveKXCHwAuthority, Uls, 132 0.245700002 k_TraveKXCHwAuthority, Uls, 132 0.245700002 k_TraveKXCHwAuthority, Uls, 132 0.245700002 karget, GelsysternTime, mS, u32, CurrentTime 309385728 target, Rie, Inst, Ap, VehDyn, VehDyn, Perl, CowEOT, HwDeg, 132 target, VehDyn, Perl, CwEOT, HwDeg, 132 target, Rie, Inst, Ap, VehDyn, VehDyn, Perl, Motor/eICRF, MtrRadpS, 132 target, VehDyn, Perl, CwEOT, HwDeg, 132 target, Rie, Inst, Ap, VehDyn, VehDyn, Perl, SensoriessAuthority, Uls, 132 target, VehDyn, Perl, RothworkeICRF, MtrRadpS, 132 target, Rie, Inst, Ap, VehDyn, VehDyn, Perl, SensoriessAuthority, Uls, 132 target, VehDyn, Perl, SensoriessAuthority, Uls, 132 target, Rie, Inst, Ap, VehDyn, VehDyn, Perl, YehicleSpeedValid, Cnt, Igo target, VehDyn, Perl, SensoriessAuthority, Uls, 132 target, Rie, Inst, Ap, VehDyn, VehDyn, Perl, YehicleSpeedValid, Cnt, Igo target, VehDyn, Perl, SensoriessAuthority, Uls, 132 target, Rie, Inst, Ap, VehDyn, VehDyn, Perl, VehicleSpeedValid, Cnt, Igo target, VehDyn, Perl, VehicleSpeed Kph, 132 target, VehDyn, Perl, Perl, Perl, Perl, Perl, Perl,	
k_LloSpd/DAuthority_Uls_f32 0 k_LoSpd/DAuthority_Uls_f32 1 k_SyskinRato_MitDeghtWog_f32 96.5 k_TravelXCDeadband_Uls_f32 40.5699997 k_TravelXCDeadband_Uls_f32 40.5699997 k_TravelXCHWauthority_Uls_f32 1759885568 target_DrimnElapsedTime_mS_u32_CurrentTime 1759885568 target_Rie_ins_LA_VehDyn_VehDyn_Perf_CwEOT_HwDeg_f32 target_VehDyn_Perf_CwEOT_HwDeg_f32 target_Rie_ins_LA_VehDyn_VehDyn_Perf_LowEOT_HwDeg_f32 target_VehDyn_Perf_LowEOT_HwDeg_f32 target_Rie_ins_LA_VehDyn_VehDyn_Perf_MoviceRF_MirRadpS_f32 target_VehDyn_Perf_Morraque_HwNn_f32 target_Rie_ins_LA_VehDyn_VehDyn_Perf_RelHwPos_HwDeg_f32 target_VehDyn_Perf_Morraque_HwNn_f32 target_Rie_inst_A_VehDyn_VehDyn_Perf_SensoriessAuthority_Uls_f32 target_VehDyn_Perf_RelHwPos_HwDeg_f32 target_Rie_inst_A_VehDyn_VehDyn_Perf_SensoriessAuthority_Uls_f32 target_VehDyn_Perf_SensoriessAuthority_Uls_f32 target_Rie_inst_A_VehDyn_VehDyn_Perf_SensoriessAuthority_Uls_f32 target_VehDyn_Perf_SensoriessAuthority_Uls_f32 target_Rie_inst_A_VehDyn_VehDyn_Perf_SensoriessAuthority_Uls_f32 target_VehDyn_Perf_SensoriessAuthority_Uls_f32 target_VehDyn_Perf_SensoriessAuthority_Uls_f32 target_VehDyn_Perf_NehDyn_Perf_SensoriessAuthority_Uls_f32 <td< td=""><td></td></td<>	
k_LoSpdVDAuthority_Uls_132 1 k_SyskinRatio_MirDepPhVDeg_132 96.5 k_TravelXCDeadand_Uls_132 40.5699997 k_TravelXCHwAuthority_Uls_132 0.245700002 Larget_Defision_me_ms_u32_CurrentTime 309385728 Larget_Defision_me_ms_u32_CurrentTime 309385728 Larget_Rle_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_132 target_VehDyn_Per1_CwEOT_HwDeg_132 Larget_Rle_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_132 target_VehDyn_Per1_CwEOT_HwDeg_132 Larget_Rle_Inst_Ap_VehDyn_VehDyn_Per1_MotorVeiCRF_MirRadps_132 target_VehDyn_Per1_MotorVeiCRF_MirRadps_132 Larget_Rle_Inst_Ap_VehDyn_VehDyn_Per1_ReiHwPos_HwDeg_132 target_VehDyn_Per1_ReiHwPos_HwDeg_132 Larget_Rle_Inst_Ap_VehDyn_VehDyn_Per1_SensoriessAuthority_Uls_132 target_VehDyn_Per1_ReiHwPos_HwDeg_132 Larget_Rle_Inst_Ap_VehDyn_VehDyn_Per1_SensoriessAuthority_Uls_132 target_VehDyn_Per1_ReinsoriessHwPos_HwDeg_132 Larget_Rle_Inst_Ap_VehDyn_VehDyn_Per1_SensoriessAuthority_Uls_132 target_VehDyn_Per1_ReinsoriessHwPos_HwDeg_132 Larget_Rle_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc Larget_VehDyn_Per1_WehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeed_Kpf_132 Larget_VehDyn_Per1_WehDyn_Per1_ReinWehDyn_Per1_VehicleSpeed_Kpf_132 value<	
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target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_CcwEOT_HwDeg_f32.value 438.630005 target_VehDyn_Per1_HwTorque_HwNm_f32.value 40.07999992 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 88.0999985 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 2600.63989 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value 1.89999998 target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 52.8800011 Name Expected Value VehDyn_AllowHispdAutoCntr_Cnt_M_Igc 0 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2138628886 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_Uls_f32 2000.19995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_Uls_f32 1998.69995 ± 0.009 VehDyn_AutoCntrDetSp	
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target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32.value -438.630005 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 959.854004 target_VehDyn_Per1_HwTorque_HwNm_f32.value 4.07999992 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 88.09999985 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value 2600.63989 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value -1.89999998 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value 1 target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 52.8800011 Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc 0 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 309385728 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 2600.19995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 1998.69995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_Igc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_Igc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_Igc 1 <td></td>	
target_Rte_Inst_Ap_VehDyn.VehDyn_Pert_VehicleSpeed_Kph_f32 target_VehDyn_Pert_VehicleSpeed_Kph_f32 target_VehDyn_Pert_CcwEOT_HwDeg_f32.value -438.630005 target_VehDyn_Pert_McTor_Ue_HwDeg_f32.value 959.854004 target_VehDyn_Pert_HwTor_Que_HwNm_f32.value -4.07999992 target_VehDyn_Pert_MotorVelCRF_MtrRadpS_f32.value 88.0999985 target_VehDyn_Pert_RelHwPos_HwDeg_f32.value 2600.63989 target_VehDyn_Pert_TorqueCmdCRF_MtrNm_f32.value -1.89999998 target_VehDyn_Pert_VehicleSpeed_Kph_f32.value 1 target_VehDyn_Pert_VehicleSpeed_Kph_f32.value 52.8800011 Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 309385728 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 2138628886 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFittSV_HwDeg_str.SV_UIs_f32 2600.19995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_UIs_f32 1988.69995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Ini	
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target_VehDyn_Per1_HwTorque_HwNm_f32.value -4.07999992 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value 88.0999985 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value 2600.63989 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value -1.89999998 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value 1 target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 52.8800011 Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 309385728 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 2138628886 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 2600.19995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 1988.69995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1	
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value target_VehDyn_Per1_VehicleSpeed_Kph_f32.value Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1_mS_u32 2553156835	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value 2600.63989 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value -1.89999998 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value 1 target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 52.8800011 Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 309385728 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 2138628886 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 2600.19995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 1988.69995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2553156835	
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value -1.89999998 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value 1 target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 52.8800011 Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 309385728 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 2138628886 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 2600.19995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 1988.69995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc 2 VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc 2 VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc 3 VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc 3 VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc 3 VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc 3 VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc 3 VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc 3 VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc 3 VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc 3 VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc 3 VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc 3 VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc 3 VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc 3 VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc 3 VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc 3 VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc 3 VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc 3 VehDyn_AutoCntrDetSp	
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value 1 target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 52.8800011 Name VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 309385728 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 2138628886 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 2600.19995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 1988.69995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2553156835	
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 52.8800011 Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 309385728 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 2138628886 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 2600.19995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 1988.69995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2553156835	
Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 309385728 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 2138628886 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 2600.19995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 1988.69995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2553156835	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 309385728 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 2138628886 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 2600.19995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 1988.69995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2553156835	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 309385728 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 2138628886 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 2600.19995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 1988.69995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2553156835	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter3Initialized_Cnt_lgc	
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 2600.19995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 1988.69995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2553156835	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2553156835	
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2553156835	
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2553156835	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2553156835	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 2553156835	
, - ,	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 2760420810	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 2600.19995 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -1482.40002 ± 0.009	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 1	
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 1	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt lqc 0	
, _ ,	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 328928812 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 4211268631	
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32 425.600006 ± 0.0009	
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32 -2400.6001 ± 0.0009	
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 1	
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt lgc 0	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 0	
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 1	
VehDyn_HiSpdLearnt_Cnt_M_lgc 1	
VehDyn_Initialize_Cnt_M_lgc 1	
VehDyn_LoSpdLearnt_Cnt_M_lgc 1	
VehDyn_MaxOffset_HwDeg_M_f32 -2840	
VehDyn_MinOffset_HwDeg_M_f32 -544.469971	
VehDyn_PinTrqSV_M_str.SV_Uls_f32 -1.6011523 ± 0.000009	
$target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value \\ 0.127000004 \pm 0.004$	
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value 339.730011 ± 0.1	

Τ	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte Call VehDvn Per1 CP1 CheckpointReached	1



Test Step 2.192 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	533.099976
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	236.100006
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.099999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.099985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	33198
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	31368
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00125584798
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.6001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000918000005
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124.5
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	216.539993
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.19999981
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.5
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	38868
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	57944
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000717999996
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.099976
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000427999999
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0 0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	124.400002
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	246.5
VehDyn AutoCntrLoSpd M str.FiltPinTrq HwNm f32	16.3999996
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	52.4000015
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	7034
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	39056
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	383750110
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2160073393
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.69995
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	7.1399998e-005
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	2800.5
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000918000005
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1440.10999
VehDyn_MinOffset_HwDeg_M_f32	-551.190002
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-14.8000002
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000461999996
VehDyn_SLPHwAuth_Uls_M_f32	0.136000007
VehDyn_SLPHwPos_HwDeg_M_f32	349.98999
k_HiSpdVDAuthority_Uls_f32	0.670000017
k_LoSpdVDAuthority_UIs_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	32.5400009
k_TravelXCDeadband_Uls_f32	42.1399994
k_TravelXCHwAuthority_UIs_f32	0.246924996
target DtrmnElapsedTime mS u32 ElapsedTime	1662097408
3.2 · · · · · · · · · · · · · · · · · · ·	
target_GetSystemTime_mS_u32_CurrentTime	4164171008
target_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_GetSystemTime_mS_u32_CurrentTime	

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Name	Input Value
target Rte Inst Ap VehDyn.VehDyn Per1 MotorVelCRF MtrRadpS f32	target VehDyn Per1 MotorVelCRF MtrRadpS f32
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target VehDyn Per1 RelHwPos HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target VehDyn Per1 SensorlessAuthority Uls f32
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessHwPos HwDeg f32	target VehDyn Per1 SensorlessHwPos HwDeg f32
target Rte Inst Ap VehDyn.VehDyn Per1 TorqueCmdCRF MtrNm f32	target VehDyn Per1 TorqueCmdCRF MtrNm f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target VehDyn Per1 VehicleSpeed Kph f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-446.350006
target VehDyn Per1 CwEOT HwDeg f32.value	954.284973
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-4.19000006
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	-75
target VehDyn Per1 RelHwPos HwDeg f32.value	-2000
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.19999981
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	0
target VehDyn Per1 VehicleSpeed Kph f32.value	128
Name	Expected Value
	1
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.6001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	•
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4164171008
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.099976 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4164171008
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2160073393
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.69995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1440.10999
VehDyn_MinOffset_HwDeg_M_f32	1553.65002
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-14.794982 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.136000007 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	349.98999 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.193 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	290.299988
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	32.2999992
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.2999992
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.3000031
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	32821

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	14442
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.30005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.87999989e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.69995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00092000002
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	126.599998
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	42.5999985
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.5999999
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	63.4000015
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	25532
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	27401
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000720000011
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.3999
	0.000432000001
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	126.5
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	88.5
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	2.5
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	75.5
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	10412
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3277
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.700012
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.15999995e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.59998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00092000002
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc	0
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn LoSpdLearnt Cnt M Igc	1
VehDyn MaxOffset HwDeg M f32	1425.25
VehDyn_MinOffset_HwDeg_M_f32	-557.909973
	-557.909973 7.80000019
VehDyn_PinTrqSV_M_str.SV_UIs_f32	
VehDyn_PinTrqSV_M_str.K_UIs_f32	0.000463000004
VehDyn_SLPHwAuth_Uls_M_f32	0.144999996
VehDyn_SLPHwPos_HwDeg_M_f32	360.25
k_HiSpdVDAuthority_UIs_f32	0.119999997
k_LoSpdVDAuthority_UIs_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	86.6399994
k_TravelXCDeadband_Uls_f32	43.7099991
k_TravelXCHwAuthority_UIs_f32	0.248150006
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2127166208
target_GetSystemTime_mS_u32_CurrentTime	437658624
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	
	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32 -454.070007
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_VehDyn_Per1_VehicleSpeed_Kph_f32





Name	Input Value
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-753.349976
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	489
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.69995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	437658624
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.3999 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.700012 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.59998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1425.25
VehDyn_MinOffset_HwDeg_M_f32	299.279999
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.79442215 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.119999997 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1600 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.194 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	570.400024
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	246.399994
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.3999996
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.4000015
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21335
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	39056
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	383750110
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000387000007
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000921999977
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	78.4000015
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	226.600006

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Name ValDus AutoCatal liCad Mata FiliDisTas Livelia 622	Input Value
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	3.400001 32.599985
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	53970
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	52282
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.19995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000722000026
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.01001
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000436000002
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	78.1999969
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	52.2000008
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	14.1999998
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	41.2000008
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	26195
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22037
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.69995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.1800001e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000921999977
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn HiSpdLearnt Cnt M Igc	1
VehDyn Initialize Cnt M Igc	1
VehDyn LoSpdLearnt Cnt M Igc	1
VehDyn_MaxOffset_HwDeg_M_f32	-1302.15002
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999
VehDyn_PinTrqSV_M_str.SV_UIs_f32	17.7999992
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000464000012
VehDyn_SLPHwAuth_Uls_M_f32	0.153999999
VehDyn SLPHwPos HwDeg M f32	370.51001
k HiSpdVDAuthority Uls f32	0.75999999
k LoSpdVDAuthority Uls f32	1
	52.5400009
k_SysKinRatio_MtrDegpHwDeg_f32	45.2799988
k_TraveIXCDeadband_Uls_f32	0.249375001
k_TraveIXCHwAuthority_UIs_f32	
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4243378688
target_GetSystemTime_mS_u32_CurrentTime	3941357312
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-461.790009
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	943.146973
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-4.40999985
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	159.009995
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1900
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.39999962
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	139.270004
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	383750110
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	2800.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200 ± 0.009
	-3200 ± 0.009
VehDyn AutoCntrDetSnd M etr Eilter1Enable Cnt Ico	LV.
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0





Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3941357312
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	456.01001 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1900.69995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-1302.15002
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999
VehDyn_PinTrqSV_M_str.SV_Uls_f32	17.7896194 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.75999999 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1444 ± 0.1

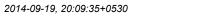
T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	497.100006
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	123.099998
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.1000004
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	45.0999985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	12258
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27401
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.30005
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000387999986
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	3200
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000923999993
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	88.6500015
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	236.580002
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	1.64999998
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	52.5
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20423
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	31368
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3174948759
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.30005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000723999983
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.52002
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000440000003
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	88.5
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	34.5
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.5
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	63.5
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	43190
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3186
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2345892861
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1900.69995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.20000025e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.599976
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000923999993
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn Initialize Cnt M Igc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1298.25
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VehDyn_MinOffset_HwDeg_M_f32	2840
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-7
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00046499999
VehDyn_SLPHwAuth_Uls_M_f32	0.163000003
VehDyn_SLPHwPos_HwDeg_M_f32	380.769989
k_HiSpdVDAuthority_Uls_f32	0.779999971
k_LoSpdVDAuthority_UIs_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	10.0500002
k_TravelXCDeadband_Uls_f32	46.8499985
k_TravelXCHwAuthority_Uls_f32	0.25060001
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1050692864
target_GetSystemTime_mS_u32_CurrentTime	3304439296
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-469.51001
target VehDyn Per1 CwEOT HwDeg f32.value	937.578003
target VehDyn Per1 HwTorque HwNm f32.value	-4.5199998
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1100.73999
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1900.06995
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	387.859985
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	3200 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3304439296
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2500.52002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3304439296
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1900.69995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.599976 ± 0.0009





Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1298.25
VehDyn_MinOffset_HwDeg_M_f32	2840
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-6.99862003 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.163000003 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	380.769989 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Innut Value
	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	31.2000008
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	125.199997
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.2000008
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	78.1999969
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	29076
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	18715
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892861
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3589476708
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.099976
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000388999993
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	0
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000926000008
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	94.5999985
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	246
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2.5999999
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	41
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	7034
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	39056
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3382212733
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3589476708
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	753.200012
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.000725999998
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	2600,19995
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000444000005
/ehDyn AutoCntrHiSpd M str.Filter1Enable Cnt Igc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	94.3000031
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	18.5
/ehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	10.5
/ehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	88.3000031
/ehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	30404
/ehDyn_AutoCntrLoSpd_M_str.TimerTfffresh_mS_u16	30349
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_ms_u16 /ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4290967295
	-1482.69995
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 /ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_UIs_f32	-1462.69995 7.21999968e-005



Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000926000008
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0 0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_HiSpdLearnt_Cnt_M_Igc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn LoSpdLearnt Cnt M Igc	1
VehDyn_MaxOffset_HwDeg_M_f32	-1294.34998
VehDyn_MinOffset_HwDeg_M_f32	-1242.25
VehDyn_PinTrqSV_M_str.SV_UIs_f32	6.30000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000465999998
VehDyn_SLPHwAuth_Uls_M_f32	0.172000006
VehDyn_SLPHwPos_HwDeg_M_f32	391.029999
k_HiSpdVDAuthority_UIs_f32	0.233999997
k_LoSpdVDAuthority_UIs_f32	1 25.5499992
k_SysKinRatio_MtrDegpHwDeg_f32 k_TravelXCDeadband_Uls_f32	48.4199982
k TravelXCHwAuthority Uls f32	0.251825005
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3039943680
target_GetSystemTime_mS_u32_CurrentTime	2167769344
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-477.230011
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	932.008972
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-4.63000011
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	154.449997
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1482
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	398.880005
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1 2345892861
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.099976 ± 0.0009
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	0 ± 0.000009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2167769344
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.200012 ± 0.0009 2600.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	2000.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2553156835
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	4290967295
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.69995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	-1988.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	-1988.5 ± 0.009 1 0
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	-1988.5 ± 0.009 1 0 0
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	-1988.5 ± 0.009 1 0
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	-1988.5 ± 0.009 1 0 0 0
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	-1988.5 ± 0.009 1 0 0 1 1
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	-1988.5 ± 0.009 1 0 0 1 1 1
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	-1988.5 ± 0.009 1 0 0 1 1 1 1
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	-1988.5 ± 0.009 1 0 0 1 1 1 1 1 -1294.34998





Name	Expected Value
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600 ± 0.1

Τ	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

lama	Input Value
lame	Input Value
htmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	290.299988
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	32.2999992
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	18.2999992
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.3000031
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	32821
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	14442
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.19995
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000390000001
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1440.88
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000928000023
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	126.300003
ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	42.5999985
ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.30000019
ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	63.5999985
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	25532
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	27401
ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3589476708
ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.5
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000728000014
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.19995
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000448000006
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	126.599998
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	88.3000031
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	2.29999995
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	75.5
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	10412
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	3277
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2760420810
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	1078320779
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.799988
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.23999983e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.59998
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000928000023
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_HiSpdLearnt_Cnt_M_lgc	0
ehDyn Initialize Cnt M lgc	1
/ehDyn_LoSpdLearnt Cnt M lqc	0
/ehDyn_MaxOffset_HwDeg_M_f32	1290.44995
/ehDyn_MinOffset_HwDeg_M_f32	-524.309998
/ehDyn_PinTrqSV_M_str.SV_UIs_f32	7.80000019
/ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000467000005





Verborn S.EPHWAID, U.B. M. JS2	Name	Input Value
VenDyn S.Phreiro H.Nobeg M. 192 401,200000		•
Expert E		401.290009
K_SPSKPARIBLO MODGEPHADER_TS2 A_TravelXCDearbland_Uis_152 A_TravelXCDear		1
K_Traws/CDeathand_Uis_132 Usiges_CDeathand_Uis_132 Usiges_CDeathand_U	- '	0
K_TrawKCChesthand_Uis_132 0		86.8499985
Egraph Compage Compa	_ ,	0
Imaged_Demical pased Time_ms_us_22_CurrentTime 1316564736 137654736 13		0.253049999
larget_Rel_nst_A_Verbiny_Nerby_Pert_CoxEOT_HwDeg_182 target_Nel_nst_A_Verbiny_Nerby_Pert_CoxEOT_HwDeg_182 larget_Rel_nst_A_Verbiny_Nerby_Pert_CoxEOT_HwDeg_182 target_Verbiny_Pert_CoxEOT_HwDeg_182 larget_Rel_nst_A_Verbiny_Nerby_Pert_HwTorque_HwNin_32 target_Verbiny_Pert_MwTorque_HwNin_32 larget_Rel_nst_A_Verbiny_Nerby_Pert_HwTorque_HwNin_32 target_Verbiny_Pert_MwTorque_HwNin_32 larget_Rel_nst_A_Verbiny_Nerby_Pert_Reliefwos_HwDeg_182 target_Verbiny_Pert_Nerby_Nerd_RwTorque_HwNin_32 larget_Rel_nst_A_Verbiny_Nerby_Pert_Reliefwos_HwDeg_182 target_Verbiny_Pert_Reliefwos_HwDeg_182 larget_Rel_nst_A_Verbiny_Nerby_Pert_Reliefwos_HwDeg_182 target_Verbiny_Pert_Reliefwos_HwDeg_182 larget_Nerby_Rel_nst_A_Verbiny_Nerby_Pert_VerbideSpeed_Kin_182 target_Verbiny_Pert_SenatoriessAuthority_Us_52 larget_Nerby_Rel_nst_A_Verbiny_Nerby_Pert_VerbideSpeed_Kin_182 target_Verbiny_Pert_Nerbing_Reliefwos_HwDeg_182 larget_Verbiny_Pert_CoxEOT_HwDeg_182_value 284.480012 larget_Verbiny_Pert_Nerbiny_Rel_nst_Analyset 284.480012 larget_Verbiny_Pert_Nerbiny_Rel_nst_Analyset 284.480012 larget_Verbiny_Pert_NerbindSpeed_Kin_182_value 45.3999977 larget_Verbiny_Pert_NerbindSpeed_Kin_182_value 45.3999977 larget_Verbiny_Pert_VerbindSpeed_Kin_182_value 45.3999977		1316564736
target, Rie, Inst, Ap, VehDyn, VehDyn, Perl., CwEOT, HwDeg, 132 target, Rie, Inst, Ap, VehDyn, VehDyn, Perl., HwTorque, HwNm, 132 target, VehDyn, Perl., HwTorque, HwNm, 132 target, VehDyn, Perl., HwTorque, HwNm, 132 target, VehDyn, Perl., MotorVeiCRF, MrRadpS, 132 target, VehDyn, Perl., MotorVeiCRF, MrRadpS, 132 target, VehDyn, Perl., Pe	target_GetSystemTime_mS_u32_CurrentTime	3714197504
target, Re., Inst., Ap, VehDyn, VehDyn, Pert, HixTorque, HixMinn, fi22 target, Rie, Inst., Ap, VehDyn, VehDyn, Pert, MotorVeiCRF, MirRadpS, fi32 target, Rie, Inst., Ap, VehDyn, VehDyn, Pert, Reiht-Mos., HixDog, fi32 target, Rie, Inst., Ap, VehDyn, VehDyn, Pert, Reiht-Mos., HixDog, fi32 target, Rie, Inst., Ap, VehDyn, VehDyn, Pert, Sensoriessakuhority, Uls, fi32 target, VehDyn, Pert, Reiht-Mos., HixDog, fi32 target, VehDyn, Pert, Reiht-Mos., HixDog, fi32 target, VehDyn, Pert, Reiht-Mos., HixDog, fi32 target, VehDyn, Pert, Reiht-Mos., HixDog, fi32 target, VehDyn, Pert, Device, MixDog, fi32 target, VehDyn, Pert, Vehicle, Seped, Kinh, fi32 target, VehDyn, Pert, Vehicle, Seped, Kinh, fi32 target, VehDyn, Pert, Vehicle, Seped, Kinh, fi32 target, VehDyn, Pert, Pert, MixDog, fi32 target, VehDyn, Pert, Vehicle, Seped, Kinh, fi32, value 4,73999977 4,73999977 4,73999977 4,73999977 4,73999977 4,73999977 4,73999977 4,73999977 4,73999977 4,73999977 4,7399997 4,73999999 4,73999997 4,7399997 4,73999997 4,73999997 4,73999997 4,7399997 4,73999997 4,73999999 4,73999999 4,73999997 4,73999997	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
larget, Rie, Inst, Ap, VehDyn, VehDyn, Pert, MotorVeiCRF, MirRadpS, [32 target, VehDyn, Pert, MotorVeiCRF, MirRadpS, [32 target, Rie, Inst, Ap, VehDyn, VehDyn, Pert, Sensoriesshurhorty, Uls, [32] target, VehDyn, Pert, Sensoriesshurhorty, Uls, [32] target, Rie, Inst, Ap, VehDyn, VehDyn, Pert, Sensoriesshurhorty, Uls, [32] target, VehDyn, Pert, Sensoriesshurhorty, Uls, [32] target, Rie, Inst, Ap, VehDyn, VehDyn, Pert, VehicleSpeedValld, Ort. [go target, VehDyn, Pert, ToqueChndCRF, Mirthm, [32] target, Rie, Inst, Ap, VehDyn, VehDyn, Pert, VehicleSpeedKid, Ort. [go target, VehDyn, Pert, VehicleSpeed Kid, [32] target, VehDyn, Pert, OvenOrt, HwDeg, 152 value 444, 950012 target, VehDyn, Pert, CowEOT, HwDeg, 152 value 43, 950012 target, VehDyn, Pert, Mert, Win, 132 value 47, 3999977 target, VehDyn, Pert, ReithwPos, HwDeg, 152 value 47, 3999977 target, VehDyn, Pert, ReithwPos, HwDeg, 152 value 47, 3999977 target, VehDyn, Pert, ReithwPos, HwDeg, 152 value 47, 3999977 target, VehDyn, Pert, ReithwPos, HwDeg, 152 value 47, 399997 target, VehDyn, Pert, VehicleSpeedValid, Cnt, Igo value 489 target, VehDyn, Pert, VehicleSpeedValid, Cnt, Igo value 10 target, VehDyn, Pert, VehicleSpeedValid, Cnt, Igo 1 VehDyn, AutoCritDetSpd,	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rie_Inst_Ap_VehDyn_VehDyn_Perf_ReliHwPos_HwDeg_[32] target_VehDyn_Perf_ReliHwPos_HwDeg_[32] target_Rie_Inst_Ap_VehDyn_VehDyn_Perf_Sensoriesselwhornty_Uis_f32 target_VehDyn_Perf_Sensoriesselwhornty_Uis_f32 target_Rie_Inst_Ap_VehDyn_VehDyn_Perf_Sensoriesselwhornty_Uis_f32 target_VehDyn_Perf_Sensoriesselwhornty_Uis_f32 target_Rie_Inst_Ap_VehDyn_VehDyn_Perf_VehicleSpeed_Kid_Cri_go target_VehDyn_Perf_TorqueCmdCRF_Minthm_f32 target_Rie_Inst_Ap_VehDyn_VehDyn_Perf_VehicleSpeed_Kid_Cri_go target_VehDyn_Perf_TorqueCmdCRF_Minthm_f32 target_VehDyn_Perf_CevEOT_HwDeg_f32_value 484.950012 target_VehDyn_Perf_Cri_CVEOT_HwDeg_f32_value 98.440002 target_VehDyn_Perf_Notorque_HwMr_f32_value 47.3999977 target_VehDyn_Perf_Notorque_HwMr_f32_value 759.400024 target_VehDyn_Perf_NotorqueCmdCRF_Minthm_f32_value 45.999999 target_VehDyn_Perf_VehicleSpeed_Kph_f32_value 45.999999 target_VehDyn_Perf_VehicleSpeed_Kph_f32_value 49.999999 Name Expected Value VehDyn_AutoCntDetSpd_M_str.Timer_ms_u32 2553158835 VehDyn_AutoCntDetSpd_M_str.Timer_ms_u32 2553158835 VehDyn_AutoCntDetSpd_M_str.ReliHwPosFittSV_HwDeg_str.SV_Uis_f32 1404.88 ± 0.009 VehDyn_AutoCntDetSpd_M_str.ReliTer_Table_Cnt_ig </td <td>target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32</td> <td>target_VehDyn_Per1_HwTorque_HwNm_f32</td>	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rel_nst_Ap_vehDyn_VehDyn_Perl_SensortessHwbeg_Hobe_g132 target_Rel_nst_Ap_VehDyn_VehDyn_Perl_TorquecMcRF_MtrNm_f32 target_VehDyn_Perl_TorquecMcRF_MtrNm_f32 target_VehDyn_Perl_TorquecMcRF_MtrNm_f32 target_VehDyn_Perl_TorquecMcRF_MtrNm_f32 target_VehDyn_Perl_TorquecMcRF_MtrNm_f32 target_VehDyn_Perl_TorquecMcRF_MtrNm_f32 target_VehDyn_Perl_TorquecMcRF_MtrNm_f32 target_VehDyn_Perl_TorquecMcRF_MtrNm_f32 target_VehDyn_Perl_TorquecMcRF_MtrNm_f32 target_VehDyn_Perl_VehicleSpeed_Kph_f32 target_VehDyn_Perl_CovEOT_HwDeg_f32_value 44.73999977 target_VehDyn_Perl_McNrm_f32_value 47.73999977 target_VehDyn_Perl_McNrm_f32_value 75.8400024 47.73999997 target_VehDyn_Perl_RelnwFos_MtwDeg_f32_value 75.8400024 47.999999 target_VehDyn_Perl_TorquecMcRF_MtrNm_f32_value 45.999999 target_VehDyn_Perl_VehicleSpeed_Kph_f32_value 45.999999 target_VehDyn_Perl_VehicleSpeed_Kph_f32_value 48.999999 target_VehDyn_Perl_Vehicle	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
larget_Rie_Inst_Ap_vehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Re_Inst_Ap_vehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Re_Inst_Ap_vehDyn_Per1_VehicleSpeed_Kph_Ig2 target_VehDyn_Per1_VehicleSpeed_Kph_Ig2 target_VehDyn_Per1_VehicleSpeed_Kph_Ig2 target_VehDyn_Per1_VehicleSpeed_Kph_Ig2 target_VehDyn_Per1_VehicleSpeed_Kph_Ig2 target_VehDyn_Per1_CwEOT_HwDeg_Ig2.value 484.950012 484.950012 target_VehDyn_Per1_Motor_VehDg_Ig2.value 47.3999977 target_VehDyn_Per1_Motor_VehDg_Ig2.value 47.3999977 target_VehDyn_Per1_Motor_VehDg_Ig2.value 47.3999979 47.39700024 47.3999999 target_VehDyn_Per1_RehlwFog_By_DwDeg_Ig2.value 45.999999 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_Ig2.value 45.999999 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc_value 0 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc_value 489 target_VehDyn_Per1_VehicleSpeed_Kph_Ig3.value 489 target_VehDyn_AllowHiSpdAutoCnt_Cnt_M_Igc 1 target_VehDyn_AllowHiSpdAutoCnt_Cnt_M_Igc 1 target_VehDyn_AllowHiSpdAutoCnt_Cnt_M_Igc 1 target_VehDyn_AllowHiSpdAutoCnt_Cnt_M_Igc 1 target_VehDyn_AutoCntDelSpd_M_str.Timer1_mS_u32 2553156835 2796740682 target_VehDyn_AutoCntDelSpd_M_str.Timer2_mS_u32 3796740682 target_VehDyn_AutoCntDelSpd_M_str.Timer1_mS_u32 1440.88 ± 0.009 tell_AllowHiSpdAutoCntDelSpd_M_str.Timer1_mS_u32 1440.88 ± 0.009 tell_AllowHiSpdAutoCntDelSpd_M_str.Timer1_mS_u32 3796740682 target_VehDyn_AutoCntDelSpd_M_str.Timer1_mS_u32 3796740682 target_VehDyn_AutoCntDelSpd_M_str.Timer1_mS_u32 3796740682 target_VehDyn_AutoCntDelSpd_M_str.Timer1_mS_u32 3796740682 target_VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 3796740682 target_VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 3796740682 target_VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 3796740682 target_VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 3796740682 target_VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 3796740682 target_VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 3796740682 target_VehDyn_AutoCntrHiSpd_M_str.Ti	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Re_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_32 target_VehDyn_Per1_VehicleSpeed_Kph_32 target_VehDyn_Per1_CwEOT_HwDeg_152.value 448.95012 target_VehDyn_Per1_CwEOT_HwDeg_152.value 926.440002 target_VehDyn_Per1_McVerCefR_MrtRadge_152.value 47.3999977 target_VehDyn_Per1_RelHwPos_HwDeg_152.value 47.3999977 target_VehDyn_Per1_RelHwPos_HwDeg_152.value -753.77002 target_VehDyn_Per1_RelHwPos_HwDeg_152.value 4.59999999 target_VehDyn_Per1_VehicleSpeed_Kph_152.value 0 target_VehDyn_Per1_VehicleSpeed_Kph_152.value 489 Name Expected Value VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2553158835 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 379674682 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uis_132 1440.88 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uis_132 1440.88 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.FilterTanable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.FilterTanable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.FilterTanable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.FilterTanable_Cnt_lgc 0	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Re_Inst_Ap_VehDyn_Perl_VehicleSpeed_Kph_f32 target_VehDyn_Perl_CoxECT_HWDeg_f32-value 4.484,950012 target_VehDyn_Perl_Webg_f32-value 926,4400002 target_VehDyn_Perl_HWTGrup_HWMn_f32-value 4.73999977 target_VehDyn_Perl_HWTGrup_HWMn_f32-value 4.73999977 target_VehDyn_Perl_Tehl+Mros_HwDeg_f32-value -753.77002 target_VehDyn_Perl_Tehl+Mros_HwDeg_f32-value -753.77002 target_VehDyn_Perl_Tehl+Mros_HwDeg_f32-value 4.5999999 target_VehDyn_Perl_VehicleSpeed_Valid_Cnt_Igc_value 0 target_VehDyn_Perl_VehicleSpeed_Kph_f32-value 489 Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_igc 1 VehDyn_AllochtDetSpd_M_str_Timerl_mS_u32 2553156835 VehDyn_AutoCntrDetSpd_M_str_Timerl_mS_u32 2553156835 VehDyn_AutoCntrDetSpd_M_str_Filler_Enable_Cnt_Igc 1 VehDyn_AutoCntrDetSpd_M_str_Filler_Enable_Cnt_Igc 1 VehDyn_AutoCntrDetSpd_M_str_Filler_Enable_Cnt_Igc 1 VehDyn_AutoCntrDetSpd_M_str_Filler_Enable_Cnt_Igc 0 VehDyn_AutoCntrHiSpd_M_str_Filler_Enable_Cnt_Igc 0 VehDyn_AutoCntrHiSpd_M_str_Filler_Enable_Cnt_Igc 0 <	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_VehDyn_Per1_CoxEOT_HwDeg_r32.value	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_VehDyn_Per1_CwEOT_HwDeg_R32.value	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_HwTorque_HwNm_f32.value 4.73999977 target_VehDyn_Per1_MotorVelCRF_MirRadpS_f32.value .755,77002 target_VehDyn_Per1_TeilHwPs_HwDen_f32.value 4.5999999 target_VehDyn_Per1_VehicleSpeed/Eph_f122.value 0 target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 4.5999999 vehDyn_Per1_VehicleSpeed_Kph_f32.value 489 Name Expected Value VehDyn_AutoChtrDelSpd_Mstr.Timer1_mS_u32 2553156835 VehDyn_AutoChtrDelSpd_M_str.Timer2_mS_u32 3796740682 VehDyn_AutoChtrDelSpd_Mstr.Timer2_mS_u32 3796740682 VehDyn_AutoChtrDelSpd_Mstr.RelHwPosFilt3SV_HwDeg_str.SV_Uls_f32 1440.88 ± 0.009 VehDyn_AutoChtrDelSpd_Mstr.Filter1Entable_Cht_lgc 1 VehDyn_AutoChtrDelSpd_Mstr.Filter2Entable_Cht_lgc 1 VehDyn_AutoChtrDelSpd_Mstr.Filter2Initialized_Cht_lgc 1 VehDyn_AutoChtrHiSpd_Mstr.Filter2Initialized_Cht_lgc 0 VehDyn_AutoChtrHiSpd_Mstr.Filter2Tnitialized_Cht_lgc 1 VehDyn_AutoChtrHiSpd_Mstr.Filter2Tnitialized_Cht_lgc 0 VehDyn_AutoChtrHiSpd_Mstr.Filter2Tnitialized_Cht_lgc 0 VehDyn_AutoChtrHiSpd_Mstr.Filter2Tnitialized_Cht_lgc 0 VehDyn_	target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-484.950012
target_VehDyn_Pert_MotorVelCRF_MtrRadpS_f32.value -759.400024 target_VehDyn_Pert_Tel-MotorVelCRF_MtrRadpS_f32.value -753.77002 target_VehDyn_Pert_TorqueCmdCRF_MtrNm_f32.value 4.5999999 target_VehDyn_Pert_VehicleSpeedValid_Ont_Ig.c value 0 vehDyn_Pert_VehicleSpeed_Kph_f32.value 489 Name Expected Value VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2553156835 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 3796740682 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitItSV_HwDeg_str.SV_UIs_f32 140.88 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filler1Enable_Cnt_Igc 1 VehDyn_AutoCntrDetSpd_M_str.Filler2Enable_Cnt_Igc 1 VehDyn_AutoCntrDetSpd_M_str.Filler2Enable_Cnt_Igc 1 VehDyn_AutoCntrDetSpd_M_str.Filler2Initialized_Cnt_Igc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 3714197504 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 3714197504 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32 -1988.5 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32 -2400.19995 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filler2Tenable_Cnt_Igc 0 VehDyn_AutoCntrHiSpd_M_str.Filler2Tenable_Cnt_Igc<	target_VehDyn_Per1_CwEOT_HwDeg_f32.value	926.440002
target_VehDyn_Perl_TorqueCmdCRF_MtNm_f32_value -753.77002 target_VehDyn_Perl_TorqueCmdCRF_MtNm_f32_value 4,5999999 target_VehDyn_Perl_VehicleSpeed_Kph_f32_value 489 Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc 1 VehDyn_AutoCntrDetSpd_M_str.Timerl_mS_u32 2553156835 VehDyn_AutoCntrDetSpd_M_str.Timerl_mS_u32 3796740682 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_UIs_f32 -1988.19995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit2SV_HwDeg_str.SV_UIs_f32 1440.88 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_Igc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc 0 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 3714197504 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_UIs_f32 -1988.5 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_UIs_f32 -2400.19995 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc 0 VehDyn_AutoCntrLoSpd_M_s	target_VehDyn_Per1_HwTorque_HwNm_f32.value	-4.73999977
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value 4.5999999 target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 489 Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_ms_u32 2553156835 VehDyn_AutoCntrDetSpd_M_str.Timer2_ms_u32 3796740682 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 1988.19995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 1440.88 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_ms_u32 3714197504 VehDyn_AutoCntrHiSpd_M_str.Timer1_ms_u32 3796740682 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_Uls_f32 1988.5 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_Uls_f32 2400.19995 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHoSpd_M_str.Filter2Initialize	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.400024
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 489 Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2553156835 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 3796740882 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitItSV_HwDeg_str.SV_UIs_f32 -1988.19995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFitItSV_HwDeg_str.SV_UIs_f32 1440.88 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 3796740682 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32 3796740682 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32 -1988.5 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f3	target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-753.77002
Name	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999
Name	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2553156835 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_UIs_f32 3796740682 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiit1SV_HwDeg_str.SV_UIs_f32 1440.88 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2_ms_u32 3796740682 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -1988.5 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc <td>target_VehDyn_Per1_VehicleSpeed_Kph_f32.value</td> <td>489</td>	target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	489
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 2553156835 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 3796740682 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -1988.19995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 1440.88 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 3714197504 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 3796740682 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -1988.5 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -2400.19995 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 753.799988 ± 0.009	Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 3796740682 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -1988.19995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Ensble_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2_mS_u32 3714197504 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 3796740682 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -1988.5 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -2400.19995 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3714197504 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 -753.799988 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 1988.59998 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_C	VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -1988.19995 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 1440.88 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 3714197504 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 3796740682 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -1988.5 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -2400.19995 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initalized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initalized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initalized_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3714197504 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 1778320779 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt3SV_HwDeg_str.SV_Uls_f32 -753.799988 ± 0.0009 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 1440.88 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 3714197504 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 3796740682 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -1988.5 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -2400.19995 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3714197504 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 1078320779 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -753.799988 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 1988.59998 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0	VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 3714197504 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 3796740682 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -1988.5 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -2400.19995 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2_ms_u32 3714197504 VehDyn_AutoCntrLoSpd_M_str.Timer1_ms_u32 3714197504 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -753.799988 ± 0.0009 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 1988.59998 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 1 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2_mS_u32 3714197504 VehDyn_AutoCntrHiSpd_M_str.Rimer2_mS_u32 3796740682 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -1988.5 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -2400.19995 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3714197504 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -753.799988 ± 0.0009 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 1988.59998 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0	VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1440.88 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0	VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0	VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFittSV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFittSV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFittSV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFittSV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFittSV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFittSV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFittSV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0	VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFittSV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFittSV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFittSV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFittSV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFittSV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFittSV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0	VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFittSV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFittSV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFittSV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFittSV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFittSV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFittSV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFittSV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0	VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3714197504
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32	VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3714197504 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 1078320779 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -753.799988 ± 0.0009 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 1988.59998 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0	VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3714197504 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 1078320779 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -753.799988 ± 0.0009 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 1988.59998 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0	VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3714197504 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 1078320779 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -753.799988 ± 0.0009 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 1988.59998 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0	VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 1 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 3714197504 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 1078320779 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -753.799988 ± 0.0009 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 1988.59998 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0	VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpt_M_str.Timer1_mS_u32 3714197504 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 1078320779 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -753.799988 ± 0.0009 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 1988.59998 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0		0
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 1078320779 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -753.799988 ± 0.0009 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 1988.59998 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc 0		1
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -753.799988 ± 0.0009 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 1988.59998 ± 0.009 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0		
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 1988.59998 ± 0.009 0		
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc 0	, = , = = = = = = = = = = = = = = = = =	
VehDvn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc		
	, _ , _ = _ = _ = _ = _ = _ = _ = _ = _	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc 1		
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc 1		
VehDyn_HiSpdLeamt_Cnt_M_lgc 0		
VehDyn_Initialize_Cnt_M_lgc 1	,	
VehDyn_LoSpdLearnt_Cnt_M_lgc 0		
VehDyn_MaxOffset_HwDeg_M_f32 1290.44995		
VehDyn_MinOffset_HwDeg_M_f32 268.820007	,	
VehDyn_PinTrqSV_M_str.SV_UIs_f32 7.79416847 ± 0.000009		
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value 0.180999994 ± 0.004		
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value 401.290009 ± 0.1	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	401.290009 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1



Test Step 2.198 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	604.099976
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	124.099998
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	8.10000038
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	32.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	40437
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	52716
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2760420810
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.09998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000391000009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1200.56006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00092999998
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124.300003
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	124.300003
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	6.3000019 88
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32 VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21364
	52716
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000730000029
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	2800.19995
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000452000007
VehDyn AutoCntrHiSpd M str.Filter1Enable Cnt Igc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	124.300003
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	76.5999985
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.5999999
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	97.5999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	16683
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22497
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.799988
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.25999998e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.5
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00092999998
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1286.55005
VehDyn_MinOffset_HwDeg_M_f32	-537.75
VehDyn_PinTrqSV_M_str.SV_UIs_f32	3.20000005
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000468000013
VehDyn_SLPHwAuth_Uls_M_f32	0.18999998
VehDyn_SLPHwPos_HwDeg_M_f32	411.549988
k_HiSpdVDAuthority_UIs_f32	0
k_LoSpdVDAuthority_UIs_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	56.3300018
k_TraveIXCDeadband_Uls_f32	100
k_TraveIXCHwAuthority_UIs_f32	0.254274994
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2075080192
target_GetSystemTime_mS_u32_CurrentTime	3323480832
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-492.670013
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	920.870972
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-4.8499999
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1253.40002
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	456.329987
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-7.30000019
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	500
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3323480832
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1200.56006 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4004004657
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.799988 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	920.870972
VehDyn_MinOffset_HwDeg_M_f32	-492.670013
VehDyn_PinTrqSV_M_str.SV_Uls_f32	3.196172 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.189999998 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	411.549988 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.199 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	554.200012
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	84.1999969
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.19999981
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52.2000008
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	2291
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	7778
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000391999987
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000931999995
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	456.600006 35.2999992
VehDyn_AutoCotrHiSpd_M_str.VehSpd_kph_f32	14.600004
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32 VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	75
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	33198
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	7778
VehDyn AutoCntrHiSpd M str.Timer1 mS u32	4004004657
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.19995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000731999986
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000456000009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	456.200012
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	86.3000031
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.1999981
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	5235
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27074
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.80005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.28000014e-005 -2400.1001
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000931999995
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0.000931999999
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn Initialize Cnt M Igc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-1282.65002
VehDyn_MinOffset_HwDeg_M_f32	-551.190002
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.4000001
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000468999991
VehDyn_SLPHwAuth_Uls_M_f32	0.199000001
VehDyn_SLPHwPos_HwDeg_M_f32	421.809998
k_HiSpdVDAuthority_UIs_f32	1
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	54.7799988
k_TravelXCDeadband_Uls_f32	45.9799995
k_TravelXCHwAuthority_Uls_f32	0.255499989
target_DtrmnElapsedTime_mS_u32_ElapsedTime	954802432
target_GetSystemTime_mS_u32_CurrentTime	71426560
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_UIs_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_Kte_inst_Ap_venDyn.venDyn_Per1_veniclespeed_Kpn_t32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-500.390015
target VehDyn Per1 CwEOT_HwDeg_f32.value	915.302002
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-4.96000004
	-835.099976
target VenDyn Peri MotorVelCRF MtrRadoS (32 value	
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-2500.06006





Name	Input Value
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	499.049988
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	71426560
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	71426560
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.80005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.1001 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-1282.65002
VehDyn_MinOffset_HwDeg_M_f32	1999.67004
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-5.39978266 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.199000001 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	421.809998 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.200 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	600.200012
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	64.1999969
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.2000008
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	41.2000008
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	38868
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	38708
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.1001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000392999995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000934000011
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	566.5
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	75.5999985

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Name -	Inc., 4 Value
Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	18.6000004
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	97.5999985
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	21335
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	34188
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2160073393
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000734000001
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.299988
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00046000001
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	566.099976
VehDyn AutoCntrLoSpd M str.VehSpd kph f32	96.0999985
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	8.30000019
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	42.2999992
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	53759
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	18715
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835
	2600.80005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	7.30000029e-005
VehDyn_AutoCntrl_oSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	2800.19995
VehDyn_AutoCntrloSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000934000011
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_Igc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1278.75
VehDyn_MinOffset_HwDeg_M_f32	-564.630005
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.5999999
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000469999999
VehDyn_SLPHwAuth_Uls_M_f32	0.208000004
VehDyn_SLPHwPos_HwDeg_M_f32	432.070007
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	41.0400009
k TravelXCDeadband Uls f32	24.8700008
k TravelXCHwAuthority UIs f32	0
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2728878080
target_GetSystemTime_mS_u32_CurrentTime	2430672128
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 CwEOT HwDeg 132	target VehDyn Per1 CwEOT HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target VehDyn Per1 HwTorque HwNm f32
target_Rte_inst_Ap_venDyn.venDyn_Peri_Hw1orque_HwNm_f32 target_Rte_inst_Ap_venDyn.venDyn_Peri_Hw1orque_HwNm_f32	target_VenDyn_Per1_HW1orque_HWNm_r32 target_VenDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-508.109985
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	909.732971
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-5.07000017
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.200012
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	2600.07007
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	120.480003
Name	Expected Value
VehDyn AllowHiSpdAutoCntr Cnt M lgc	1
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	3174948759
, – , – – – –	4290967295
VehDvn_AutoCntrDetSnd_M_str_Timer2_mS_u32	.=5555.=55
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.PalHwPosFilt1SV_HwDeg_str.SV_Llls_f32	-2400 1001 ± 0 009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.1001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1988.19995 ± 0.009 0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.19995 ± 0.009





Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2430672128
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2160073393
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	753.299988 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2600.80005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-1690.33704
VehDyn_MinOffset_HwDeg_M_f32	-564.630005
VehDyn_PinTrqSV_M_str.SV_Uls_f32	7.59410906 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.208000004 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	432.070007 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.201 (Repeat Count = 1)	Invest Value
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	554.099976
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	84.0999985
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.0999999
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	52.0999985
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	2291
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	7778
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3796740682
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.5
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000394000002
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.19995
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000936000026
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	456.700012
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	35.5400009
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.5
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	75.5
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	33198
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	7778
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004657
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.19995
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000736000016
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.30005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000464000012
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	1

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	456.299988
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	86.099985
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.099999
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.099985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	5235
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27074
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.8999
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.31999971e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.1001
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000936000026
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	-1274.84998
	-578.070007
VehDyn_MinOffset_HwDeg_M_f32	-5.400001 -5.400001
VehDyn_PinTrqSV_M_str.SV_UIs_f32 VehDyn_PinTrqSV_M_str.K_UIs_f32	0.000471000007
VehDyn SLPHwAuth Uls M f32	0.216999993
VehDyn SLPHwPos HwDeg M f32	442.329987
k HiSpdVDAuthority UIs f32	0
k LoSpdVDAuthority Uls f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	54.1399994
k TravelXCDeadband Uls f32	28.0100002
k_TraveIXCHwAuthority_UIs_f32	1
target_DtrmnElapsedTime_mS_u32_ElapsedTime	824746752
target GetSystemTime mS u32 CurrentTime	2242866176
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessHwPos HwDeg f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target VehDyn Per1 VehicleSpeed Kph f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-515.830017
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	904.164001
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-5.17999983
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-835.299988
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-2500.08008
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.2999995
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	499.640015
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2242866176
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4004004657
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4211268631
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.8999 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.1001 ± 0.009

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Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	904.164001
VehDyn_MinOffset_HwDeg_M_f32	-515.830017
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-5.39988518 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.216999993 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	442.329987 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target Rte Inst Ap VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M Igc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	200.300003
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	52.2999992
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.3000002
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow HwDeg f32	63.2999992
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53970
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58869
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0
/ehDyn_AutoCntrDetSpd_M_str.Timer1_m3_u32	219286216
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800
	111
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00039500001 1991.09998
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000937999983
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	159.600006
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	68
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.6000004
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.30005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000737999973
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.30005
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000468000013
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	412
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	106.300003
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.1000004
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	13352
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14442
/ehDyn AutoCntrLoSpd M str.Timer1 mS u32	3589476708
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420810
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.01001
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.33999987e-005
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.19995
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000937999983

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Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1270.94995
VehDyn_MinOffset_HwDeg_M_f32	-591.51001
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.5
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000472000014
VehDyn_SLPHwAuth_Uls_M_f32	0.225999996
VehDyn_SLPHwPos_HwDeg_M_f32	452.589996
k_HiSpdVDAuthority_UIs_f32	1
k_LoSpdVDAuthority_UIs_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	63.8699989
k_TravelXCDeadband_Uls_f32	31.1499996
k_TravelXCHwAuthority_UIs_f32 target DtrmnElapsedTime mS u32 ElapsedTime	0.224999994 309385728
target_GetSystemTime_mS_u32_CurrentTime	2269150976
target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	
target Rte Inst Ap VehDyn.VehDyn Per1 CwEOT HwDeg 132	target_VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 TorqueCmdCRF MtrNm f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-523.549988
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	898.594971
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-5.28999996
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-456.579987
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-2400
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	230.119995
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	219286216
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	
	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0 2269150976
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2269150976 54822322
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2269150976 54822322 2800.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2269150976 54822322 2800.30005 ± 0.009 -1988.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	2269150976 54822322 2800.30005 ± 0.009 -1988.30005 ± 0.009 0
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	2269150976 54822322 2800.30005 ± 0.009 -1988.30005 ± 0.009 0
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	2269150976 54822322 2800.30005 ± 0.009 -1988.30005 ± 0.009 0 0
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	2269150976 54822322 2800.30005 ± 0.009 -1988.30005 ± 0.009 0 0 1
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2269150976 54822322 2800.30005 ± 0.009 -1988.30005 ± 0.009 0 0 1 2269150976
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2269150976 54822322 2800.30005 ± 0.009 -1988.30005 ± 0.009 0 0 1 2269150976 2760420810
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2269150976 54822322 2800.30005 ± 0.009 -1988.30005 ± 0.009 0 0 1 2269150976 2760420810 -2400.01001 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2269150976 54822322 2800.30005 ± 0.009 -1988.30005 ± 0.009 0 0 1 2269150976 2760420810 -2400.01001 ± 0.009 -1438.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	2269150976 54822322 2800.30005 ± 0.009 -1988.30005 ± 0.009 0 0 1 2269150976 2760420810 -2400.01001 ± 0.009 -1438.19995 ± 0.009 0
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	2269150976 54822322 2800.30005 ± 0.009 -1988.30005 ± 0.009 0 0 1 2269150976 2760420810 -2400.01001 ± 0.009 -1438.19995 ± 0.009 0 1
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	2269150976 54822322 2800.30005 ± 0.009 -1988.30005 ± 0.009 0 0 1 2269150976 2760420810 -2400.01001 ± 0.009 -1438.19995 ± 0.009 0 1 1
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	2269150976 54822322 2800.30005 ± 0.009 -1988.30005 ± 0.009 0 0 1 2269150976 2760420810 -2400.01001 ± 0.009 -1438.19995 ± 0.009 0 1 1 1
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	2269150976 54822322 2800.30005 ± 0.009 -1988.30005 ± 0.009 0 0 1 2269150976 2760420810 -2400.01001 ± 0.009 -1438.19995 ± 0.009 0 1 1 1 0
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	2269150976 54822322 2800.30005 ± 0.009 -1988.30005 ± 0.009 0 0 1 2269150976 2760420810 -2400.01001 ± 0.009 -1438.19995 ± 0.009 0 1 1 1 0 1
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	2269150976 54822322 2800.30005 ± 0.009 -1988.30005 ± 0.009 0 0 1 2269150976 2760420810 -2400.01001 ± 0.009 -1438.19995 ± 0.009 0 1 1 1 0 1 0 1
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_IspdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	2269150976 54822322 2800.30005 ± 0.009 -1988.30005 ± 0.009 0 0 1 2269150976 2760420810 -2400.01001 ± 0.009 -1438.19995 ± 0.009 0 1 1 0 1 1 0 1270.94995
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_IspdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	2269150976 54822322 2800.30005 ± 0.009 -1988.30005 ± 0.009 0 0 1 2269150976 2760420810 -2400.01001 ± 0.009 -1438.19995 ± 0.009 0 1 1 0 1 0 17 1 18 19 19 19 10 11 10 11 10 11 10 11 10 11 10 11 11
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32	2269150976 54822322 2800.30005 ± 0.009 -1988.30005 ± 0.009 0 0 1 2269150976 2760420810 -2400.01001 ± 0.009 -1438.19995 ± 0.009 0 1 1 0 1 1 0 1270.94995



Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.203 (Repeat Count = 1)	
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M Igc	0
/ehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	457.200012
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	34.2000008
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.1999998
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	88.1999969
/ehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	20423
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	18715
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4294967295
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	274107514
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.5
'ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000395999989
ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-2400.1001
ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000939999998
/ehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	0
/ehDyn AutoCntrDetSpd M str.Filter2Enable Cnt Igc	0
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	10.5
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	45.5999985
/ehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	18.5
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	42.5999985
rehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	29076
ehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	43868
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	54822322
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.30005
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.00073999989
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.40002
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000472000014
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc	0
/ehDyn_AutoChtrHiSpd_M_str.Filter2Enable_Cht_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	10.1000004
	116.099998
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	12.3000002
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	53.099985
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21364
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	52716
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3796740682
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.1001
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.36000002e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32	1950.09998
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000939999998
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
ehDyn_HiSpdLearnt_Cnt_M_lgc	1
ehDyn_Initialize_Cnt_M_lgc	0
/ehDyn_LoSpdLearnt_Cnt_M_lgc	1
ehDyn_MaxOffset_HwDeg_M_f32	-1267.05005
ehDyn_MinOffset_HwDeg_M_f32	-604.950012
/ehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60000002
ehDyn_PinTrqSV_M_str.K_Uls_f32	0.000472999993





Name	Input Value
VehDyn_SLPHwAuth_Uls_M_f32	0.234999999
VehDyn_SLPHwPos_HwDeg_M_f32	-1600
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	88.4499969
k_TravelXCDeadband_Uls_f32	34.2900009
k_TravelXCHwAuthority_Uls_f32	0.243249997
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4164171008
target_GetSystemTime_mS_u32_CurrentTime	3533260288
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-531.27002
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	893.026001
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-5.4000001
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	1199.69995
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	2800.8999
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.9000001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	245.309998
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3533260288
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	274107514
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1482.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.1001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1024
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.40002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.1001 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	893.026001
VehDyn_MinOffset_HwDeg_M_f32	-531.27002
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-1.60182357 ± 0.000009
	0.234999999 ± 0.004
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.20 1000000 2 0.00 1
target_venDyn_Per1_SensoriessAuthority_Uis_132.value target_VehDyn_Per1_SensoriessHwPos_HwDeg_f32.value	-1600 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1



Test Step 2.204 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	9.10000038
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	18.1000004
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	75.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	7034
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	255468
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.140015
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000396999996
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.1001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000942000013
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	56.0999985
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	96.0999985
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	8.10000038
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	12.5
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	32821
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	53946
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	109643620
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	1950.19995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000742000004
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.40002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000475999987
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	56.2999992
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	126.300003
VehDyn AutoCntrLoSpd M str.FiltPinTrq HwNm f32	14.1000004
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.300031
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	33198
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	7778
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4004004657
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948759
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-1438.09998
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	7.38000017e-005
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1885.19995
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000942000013
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	1263.15002
VehDyn_MinOffset_HwDeg_M_f32	-618.390015
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-14.8000002
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000474
VehDyn_SLPHwAuth_Uls_M_f32	0.244000003
VehDyn_SLPHwPos_HwDeg_M_f32	1600
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_UIs_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	96.7799988
k_TravelXCDeadband_Uls_f32	37.4300003
k_TravelXCHwAuthority_Uls_f32	0.255499989
target_DtrmnElapsedTime_mS_u32_ElapsedTime	437658624
target_GetSystemTime_mS_u32_CurrentTime	812314880
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32 target_VehDyn_Per1_CwEOT_HwDeg_f32 target_VehDyn_Per1_HwTorque_HwNm_f32

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target VehDyn Per1 RelHwPos HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target VehDyn Per1 VehicleSpeedValid Cnt Igc
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target VehDyn Per1 VehicleSpeed Kph f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-538.98999
target VehDyn Per1 CwEOT HwDeg f32.value	887.45697
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-5.51000023
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1299.69995
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1438
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	-1.89999998
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	0
target VehDyn Per1 VehicleSpeed Kph f32.value	387.23999
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	255468
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.140015 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.1001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	812314880
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4290967295
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1950.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.40002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	812314880
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1438.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn Initialize Cnt M Igc	1
VehDyn LoSpdLearnt Cnt M Igc	0
VehDyn MaxOffset HwDeg M f32	1263.15002
VehDyn_MinOffset_HwDeg_M_f32	899.01001
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-14.7956057 ± 0.00009
target VehDyn Per1 SensorlessAuthority Uls f32.value	0.244000003 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1600 ± 0.1
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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.205 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	533.299988
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	88.3000031
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	2.29999995
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	10.3000002
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25532

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	36612
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000398000004
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000944000029
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86.5999985
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	129.100006
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	4.5999999
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	53.0999985
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	40437
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	13059
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	164464918
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1885.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000744000019
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2000.40002
	-2000.40002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00047999988
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	86.099985
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	136.100006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	16.2999992
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.0999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21335
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	34188
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.099976
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.40000032e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	142.100006
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000944000029
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	0
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	0
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	0
VehDyn HiSpdLearnt Cnt M Igc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn MaxOffset HwDeg M f32	1259.25
VehDyn_MinOffset_HwDeg_M_f32	-631.830017
VehDyn_PinTrqSV_M_str.SV_Uls_f32	17.7999992
VehDyn PinTrqSV_M_str.Sv_Ois_t32 VehDyn PinTrqSV M str.K UIs f32	
	0.000475000008
VehDyn_SLPHwAuth_Uls_M_f32	0.252999991
VehDyn_SLPHwPos_HwDeg_M_f32	0
k_HiSpdVDAuthority_UIs_f32	0
k_LoSpdVDAuthority_UIs_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	32.5
k_TravelXCDeadband_Uls_f32	40.5699997
k_TravelXCHwAuthority_Uls_f32	0.267749995
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3941357312
target_GetSystemTime_mS_u32_CurrentTime	3437401088
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	
	target VehDvn Per1 VehicleSpeedValid Cnt loc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	target_VehDyn_Per1_VehicleSpeed_Kph_f32 -546.710022
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32





Name	Input Value
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	753.849976
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.19999981
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	398.329987
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3437401088
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.5 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	164464918
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	1078320779
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1885.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2000.40002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3382212733
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.099976 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	142.100006 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	128.037994
VehDyn_MinOffset_HwDeg_M_f32	-631.830017
VehDyn_PinTrqSV_M_str.SV_UIs_f32	17.7889957 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.252999991 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	0 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.206 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	570.200012
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	76.1999969
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.19999981
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	25.2000008
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	49475
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	22037
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4294967295
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.1001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000399000011
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1950.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000945999986
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	75.5
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	88.0999985

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.2000008
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.0999985
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	2291
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	58929
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	219286216
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1887.19995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000745999976
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.40002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000483999989
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	75.3000031
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	146
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	18.1000004
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	45.2999992
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	12258
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024
VehDyn AutoCntrLoSpd M str.Timer2 mS u32	3589476708
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.09998
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	7.41999975e-005
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1900.19995
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000945999986
VehDyn_AutoCritiLoSpd_M_str.Filter1Enable_Cnt_lgc	0.000343939960
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	•
VehDyn_MaxOffset_HwDeg_M_f32	-1255.34998
VehDyn_MinOffset_HwDeg_M_f32	-645.27002 -7
VehDyn_PinTrqSV_M_str.SV_Uls_f32	
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000475999987
VehDyn_SLPHwAuth_Uls_M_f32	0.261999995
VehDyn_SLPHwPos_HwDeg_M_f32	1456.47998
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	52.7000008
k_TravelXCDeadband_Uls_f32	43.7099991
k_TravelXCHwAuthority_Uls_f32	0.280000001
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3304439296
target_GetSystemTime_mS_u32_CurrentTime	3494315776
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-554.429993
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	876.31897
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-5.73000002
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	88.5999985
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-1988.84998
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.39999962
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	489.125
Name	Expected Value
	1
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	3174948759
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3174948759 4294967295
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4294967295
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	4294967295 -2500.1001 ± 0.009
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	4294967295 -2500.1001 ± 0.009 1950.5 ± 0.009
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	4294967295 -2500.1001 ± 0.009

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Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3494315776
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1887.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.40002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3494315776
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	876.31897
VehDyn_MinOffset_HwDeg_M_f32	-554.429993
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-6.99947119 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.261999995 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1456.47998 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.207 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	497.100006
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	86.0999985
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	6.0999999
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	43128
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3186
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	255468
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.00039999999
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000948000001
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	98.0999985
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	76.5999985
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	14.1000004
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.5999985
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	38868
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	57944
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1753.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000747999991
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.5
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000487999991
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	98.099985
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	156.100006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	3.2999995
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	78.0999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	34738
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	36612
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.439999e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000948000001
	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1251.44995
VehDyn MinOffset HwDeg M f32	-658.710022
VehDyn_PinTrqSV_M_str.SV_UIs_f32	6.30000019
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000476999994
VehDyn SLPHwAuth Uls M f32	0.270999998
VehDyn_SLPHwPos_HwDeg_M_f32	-147.25
k_HiSpdVDAuthority_UIs_f32	0
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	10.3999996
k_TravelXCDeadband_Uls_f32	46.8499985
k_TravelXCHwAuthority_Uls_f32	0.292250007
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2167769344
target_GetSystemTime_mS_u32_CurrentTime	463842816
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target VehDyn Per1 CcwEOT HwDeg f32.value	-562.150024
target VehDyn Per1 CwEOT HwDeg f32.value	870.75
target VehDyn Per1 HwTorque HwNm f32.value	-5.84000015
	-75.5
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1988.64001
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.900001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	500.040009
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	3382212733
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	255468
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.5 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1885.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	274107514
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	463842816
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1750.50098 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.5 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3796740682

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VehDyn_Per1



Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1988.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-1117.89001
VehDyn_MinOffset_HwDeg_M_f32	-658.710022
VehDyn_PinTrqSV_M_str.SV_Uls_f32	6.29443407 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.270999998 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-147.25 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
DtrmnElapsedTime_mS_u32	1
GetSystemTime_mS_u32	2
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M Igc	1
/ehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	31.2000008
/ehDyn AutoCntrDetSpd M str.VehSpd kph f32	96.1999969
/ehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	8.19999981
VehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	56.2000008
/ehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	53759
/ehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	30349
/ehDyn AutoCntrDetSpd M str.Timer1 mS u32	3589476708
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000400999998
/ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	142.199997
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000950000016
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	66.3300018
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	86.099985
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	12.2299995
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	45.099985
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53970
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52282
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	328928812
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	935.200012
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000750000007
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.40002
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000492000021
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	66.3000031
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	126.300003
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	5.0999999
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.3000031
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	37799
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	41632
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	109643620
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4004004657
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1991.30005

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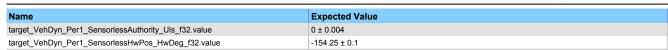


Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.46000005e-005
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	1900.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000950000016
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-1247.55005
VehDyn_MinOffset_HwDeg_M_f32	-672.150024
VehDyn_PinTrqSV_M_str.SV_Uls_f32	15.1999998
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000478000002
VehDyn_SLPHwAuth_Uls_M_f32	0
VehDyn_SLPHwPos_HwDeg_M_f32	-154.25 0
k_HiSpdVDAuthority_UIs_f32	0
k_LoSpdVDAuthority_UIs_f32	25.4500008
k_SysKinRatio_MtrDegpHwDeg_f32 k TravelXCDeadband Uls f32	49.9900017
k TravelXCHwAuthority Uls f32	0.304500014
target DtrmnElapsedTime mS u32 ElapsedTime	3714197504
target_GetSystemTime_mS_u32_CurrentTime	1759885568
target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	target VehDyn Per1 CcwEOT HwDeg f32
target Rte Inst Ap VehDyn.VehDyn Per1 CwEOT HwDeg 132	target VehDyn Per1 CwEOT HwDeg f32
target Rte Inst Ap VehDyn.VehDyn Per1 HwTorque HwNm f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-569.869995
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	865.18103
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-5.94999981
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	154.5
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1991.54004
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.5
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	75.0699997
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1 3589476708
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3589476708 2967684784
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1 3589476708 2967684784 456.5 ± 0.0009
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1 3589476708 2967684784 456.5 ± 0.0009 142.199997 ± 0.0009
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1 3589476708 2967684784 456.5 ± 0.0009 142.199997 ± 0.0009
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1 3589476708 2967684784 456.5 ± 0.0009 142.199997 ± 0.0009
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1 3589476708 2967684784 456.5 ± 0.0009 142.199997 ± 0.0009 1
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1 3589476708 2967684784 456.5 ± 0.0009 142.199997 ± 0.0009 1
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1 3589476708 2967684784 456.5 ± 0.0009 142.199997 ± 0.0009 1 1 1 0
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VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1 3589476708 2967684784 456.5 ± 0.0009 142.199997 ± 0.0009 1 1 1 0 1759885568 2553156835 935.200012 ± 0.0009
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VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1 3589476708 2967684784 456.5 ± 0.0009 142.199997 ± 0.0009 1 1 1 0 0 1759885568 2553156835 935.200012 ± 0.0009 0 0 0 1 1 109643620 4004004657 1991.30005 ± 0.009 0 1 1 1 1 1 1 1 1 1 1 1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1 3589476708 2967684784 456.5 ± 0.0009 142.199997 ± 0.0009 1 1 1 1 0 1759885568 2553156835 935.200012 ± 0.0009 0 0 1 1 109643620 4004004657 1991.30005 ± 0.009 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc	1 3589476708 2967684784 456.5 ± 0.0009 142.199997 ± 0.0009 1 1 1 0 1759885568 2553156835 935.200012 ± 0.0009 -1482.40002 ± 0.009 0 0 1 1 109643620 4004004657 1991.30005 ± 0.009 0 0 1 1 1 1 1 1 1 1 1

VehDyn_Per1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 2.209 (Repeat Count = 1)	
lame	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	290.100006
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	106.199997
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	54.2000008
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	13352
ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	3277
ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3796740682
ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.3999
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000402000005
ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.40002
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000951999973
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	341
/ehDyn AutoCntrHiSpd M str.VehSpd kph f32	96.1999969
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	78.1999969
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	20423
/ehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	31368
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	383750110
/ehDyn AutoCntrHiSpd M str.Timer2 mS u32	2760420810
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888.299988
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000752000022
	-753.200012
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDog_str.SV_Uls_f32	0.000495999993
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000495999955
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	34.099985
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	136.100006
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	1.29999995
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	32.099985
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	26195
ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	22037
ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	164464918
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.14001
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	7.4800002e-005
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.40002
ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000951999973
ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
ehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
ehDyn_HiSpdLearnt_Cnt_M_lgc	1
ehDyn_Initialize_Cnt_M_lgc	1.
/ehDyn_LoSpdLearnt_Cnt_M_lgc	1
/ehDyn_MaxOffset_HwDeg_M_f32	1243.65002
/ehDyn_MinOffset_HwDeg_M_f32	-685.590027
/ehDyn_PinTrqSV_M_str.SV_Uls_f32	14

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Name	Input Value
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000479000009
VehDyn_SLPHwAuth_Uls_M_f32	1
VehDyn_SLPHwPos_HwDeg_M_f32	45.7999992
k_HiSpdVDAuthority_Uls_f32	1
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	86.5
k_TravelXCDeadband_Uls_f32	53.1300011
k_TraveIXCHwAuthority_Uls_f32	0.31674999
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3323480832
target_GetSystemTime_mS_u32_CurrentTime	1662097408
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-577.590027
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	859.612
target_VehDyn_Per1_HwTorque_HwNm_f32.value	6
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-759.25
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1987.23999
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.9000001
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	99.9899979
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3796740682
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3174948759
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.3999 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.40002 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1662097408
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-888.299988 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	164464918
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.14001 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.40002 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-1127.62805
VehDyn MinOffset HwDeg M f32	-685.590027
VehDyn_PinTrqSV_M_str.SV_Uls_f32	13.9961948 ± 0.00009
,	13.9961948 ± 0.00009 1 ± 0.004

T .	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte Call VehDvn Per1 CP1 CheckpointReached	1



Test Step 2.210 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn AllowHiSpdAutoCntr Cnt M Igc	1
VehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	200.199997
VehDyn AutoCntrDetSpd M str.VehSpd kph f32	52.0999985
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.3000002
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	63.099985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58869
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	219286216
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000407000014
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.30005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000961999991
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	159.600006
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	68.0999985
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.6000004
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86.0999985
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.19995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000761999981
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.40002
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000515999971
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	412.700012 106.699997
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32 VehDyn_AutoCntrLoSpd_M_str.FiltPinTrg_HwNm_f32	10.1000004
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.6999998
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	13352
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	14442
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420810
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-2400.5
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	7.58000024e-005
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV UIs f32	-1438.30005
VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000961999991
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-1239.75
VehDyn_MinOffset_HwDeg_M_f32	-699.030029
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.5
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000483999989
VehDyn_SLPHwAuth_Uls_M_f32	0.587000012
VehDyn_SLPHwPos_HwDeg_M_f32	-478.100006
k_HiSpdVDAuthority_Uls_f32	0.899999976
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	63.2999992
k_TravelXCDeadband_Uls_f32	56.2700005
k_TraveIXCHwAuthority_Uls_f32	0.328999996
target_DtrmnElapsedTime_mS_u32_ElapsedTime	71426560
target_GetSystemTime_mS_u32_CurrentTime	2127166208
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32





Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target VehDyn Per1 RelHwPos HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_Igc	target VehDyn Per1 VehicleSpeedValid Cnt Igc
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target VehDyn Per1 VehicleSpeed Kph f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-585.309998
target VehDyn Per1 CwEOT HwDeg f32.value	854.04303
target_VehDyn_Per1_HwTorque_HwNm_f32.value	6.4099985
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-456.100006
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-2400.03003
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	-4.5999999
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	0
target VehDyn Per1 VehicleSpeed Kph f32.value	230.139999
Name	
	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	219286216
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.5 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.30005 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2127166208
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.40002 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.5 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn MaxOffset HwDeg M f32	-1239.75
VehDyn_MinOffset_HwDeg_M_f32	1814.71997
VehDyn_PinTrqSV_M_str.SV_UIs_f32	1.50234127 ± 0.000009
target VehDyn Per1 SensorlessAuthority Uls f32.value	0.899999976 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-411.630005 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte Call VehDyn Per1 CP1 CheckpointReached	1



Test Case 3: Path Test

Specification

Performance Metrics: (With "None" Instrumentation and "WithPS" Environment) CPU Cvcles:

TS3.1 2641.00 Cycles
TS3.2 2525.00 Cycles
TS3.3 2437.00 Cycles
TS3.4 3430.00 Cycles
TS3.5 2406.00 Cycles
TS3.6 3452.00 Cycles
TS3.7 3382.00 Cycles
TS3.8 3494.00 Cycles
TS3.8 3494.00 Cycles
TS3.10 3493.00 Cycles
TS3.11 3456.00 Cycles
TS3.11 3456.00 Cycles
TS3.12 3953.00 Cycles
TS3.13 3043.00 Cycles

Description

	133.13 3043.00 CYCLES	
Description	Vector Description:	
Vector Description: TS3.1" (VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc == TRUE)=TRUE (VehDyn_HiSpdLearnt_Cnt_M_lgc == FALSE) =FALSE (VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc == FALSE) && (VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc == TRUE))=FALSE TS3.2" (VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc == TRUE) =FALSE (VehDyn_HiSpdLearnt_Cnt_M_lgc == TRUE) =FALSE (VehDyn_HiSpdLearnt_Cnt_M_lgc == TRUE) =TRUE (VehDyn_HiSpdLearnt_Cnt_M_lgc == TRUE) =TRUE (VehDyn_HiSpdLearnt_Cnt_M_lgc == TRUE) =TRUE TS3.3snsrlessHwAuth_Uls_T_32 = Limit_M(SnsrlessHwAuth_Uls_T_f32, D_NOAUTH_ULS_F32, D_MAXAUTH_ULS_F32)=FALSE TS3.4" (VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc == TRUE) =FTRUE (VehDyn_AutoCntrHiSpd_M_str_Filter2Enable_Cnt_lgc == TRUE) =FALSE VehDyn_MaxOffset_HwDeg_M_f32 = Min_m(VehDyn_MaxOffset_HwDeg_M_f32, (CwEOTPosition_HwDeg_T_f32 - RelHwPos_HwDeg_T_f32) =TRUE TS3.5VehDyn_MinOffset_HwDeg_M_f32 = Max_m(VehDyn_MinOffset_HwDeg_M_f32, (CcwEOTPosition_HwDeg_T_f32 - RelHwPos_HwDeg_T_f32) = TRUE (MaxAbsHwPos_HwDeg_T_f32) = TRUE (MaxAbsHwPos_HwDeg_T_f32 = Limit_m(SnsrlessHwPos_HwDeg_T_f32, -D_VDHWPOSMAX_HWDEG_F32, D_VDHWPOSMAX_HWDeg_T_f32 = Limit_m(SnsrlessHwPos_HwDeg_T_f32, -D_VDHWPOSMAX_HWDEG_F32) = TRUE TS3.8" ((Deadband_Uls_T_f32 > k_TravelXCDeadband_Uls_f32) (Deadband_Uls_T_f32 < D_ZERO_ULS_F32)) = FALSE TS3.10 (VehDyn_AutoCntrHiSpd_M_str_Filter2Enable_Cnt_lgc == TRUE) = TRUE TS3.11 (VehDyn_AutoCntrHiSpd_M_str_Filter2Enable_Cnt_lgc == TRUE) = TRUE TS3.12 (VehDyn_AlutoCntrHiSpd_M_str_Filter2Enable_Cnt_lgc == TRUE) = TRUE (VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc == FALSE) && (VehDyn_LlowHiSpdAutoCntr_Cnt_M_lgc == TRUE) = TRUE TS3.13 (VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc == TRUE) = TRUE TS3.13 (VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc == TRUE) = TRUE		
Test Step 3.	1 (Repeat Count = 1)	
Name		Input Value
DtrmnElapsedTim	e_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_r	mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehI	Dyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiS	SpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntr	DetSpd_M_str.MtrVel_MtrRadpS_f32	0
VehDyn_AutoCntr	DetSpd_M_str.VehSpd_kph_f32	0
VehDyn_AutoCntr	DetSpd_M_str.FiltPinTrq_HwNm_f32	0
VehDyn_AutoCntr	DetSpd_M_str.CntrWindow_HwDeg_f32	0
VehDyn_AutoCntr	DetSpd_M_str.Timer1Thresh_mS_u16	0
VehDyn_AutoCntr	DetSpd_M_str.Timer2Thresh_mS_u16	0
VehDyn_AutoCntr	DetSpd_M_str.Timer1_mS_u32	0
VehDyn_AutoCntr	DetSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntr	DetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200
VehDyn_AutoCntr	DetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51000006e-006
VehDyn_AutoCntr	DetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200
	DetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51000006e-006
	DetSpd_M_str.Filter1Enable_Cnt_lgc	0
. –	DetSpd_M_str.Filter2Enable_Cnt_lgc	0
	-DetSpd_M_str.Filter1Initialized_Cnt_lgc	0
. –	-DetSpd_M_str.Filter2Initialized_Cnt_lgc	0
	HiSpd_M_str.MtrVel_MtrRadpS_f32	0
, –	HiSpd_M_str.VehSpd_kph_f32	0
	HiSpd_M_str.FiltPinTrq_HwNm_f32	0
	HiSpd_M_str.CntrWindow_HwDeg_f32	0
	HiSpd_M_str.Timer1Thresh_mS_u16	0
	HISpd_M_str.Timer2Thresh_mS_u16	0
	HISpd_M_str.Timer1_mS_u32	
, –	HiSpd_M_str.Timer2_mS_u32 HiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	3200
	HISpd_M_str.ReIHwPosFilt1SV_HwDeg_str.SV_Uis_t32 HISpd_M_str.ReIHwPosFilt1SV_HwDeg_str.K_UIs_t32	-3200 2.51000006e-006
. –	HISpd_M_str.ReiHwPosFilt1SV_HwDeg_str.K_Uis_t32 HISpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_Uis_t32	-3200
	:HISpd_M_str.ReIHwPosFilt2SV_HwDeg_str.SV_UIs_t32 :HISpd_M_str.ReIHwPosFilt2SV_HwDeg_str.K_UIs_t32	-3200 2.51000006e-006
. –	HiSpd M str.Filter1Enable Cnt lgc	0
- Chibyin_AutoOffit	Report created by TESSY V3.1.7, report template V2.1	

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn AutoCntrHiSpd M str.Filter1Initialized Cnt Igc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	0
	0
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	0
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	0
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	0
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51000006e-006
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51000006e-006
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-2840
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-18.7999992
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.51000006e-006
VehDyn_SLPHwAuth_Uls_M_f32	0
VehDyn_SLPHwPos_HwDeg_M_f32	-1600
	0
k_HiSpdVDAuthority_UIs_f32	
k_LoSpdVDAuthority_Uls_f32	0
k_SysKinRatio_MtrDegpHwDeg_f32	1
k_TravelXCDeadband_Uls_f32	0
k_TravelXCHwAuthority_UIs_f32	0
target_DtrmnElapsedTime_mS_u32_ElapsedTime	0
target_GetSystemTime_mS_u32_CurrentTime	0
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessAuthority Uls f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
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target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1440.10999
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	360
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-10
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1350
target VehDyn Per1 RelHwPos HwDeg f32.value	-3200
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.80000019
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	0
Name	
	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0
VehDyn AutoCntrHiSpd M str.Timer2 mS u32	0
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VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	Ŭ
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0

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Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	360
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-18.7999992 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

lame	Input Value
OtrmnElapsedTime mS u32(ElapsedTime)	target DtrmnElapsedTime mS u32 ElapsedTime
GetSystemTime mS u32(CurrentTime)	target GetSystemTime mS u32 CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn AllowHiSpdAutoCntr Cnt M Igc	1
/ehDyn AutoCntrDetSpd M str.MtrVel MtrRadpS f32	700
/ehDyn AutoCntrDetSpd M str.VehSpd kph f32	255
/ehDyn AutoCntrDetSpd M str.FiltPinTrg HwNm f32	20
/ehDyn AutoCntrDetSpd M str.CntrWindow HwDeg f32	100
/ehDyn AutoCntrDetSpd M str.Timer1Thresh mS u16	60000
/ehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	60000
/ehDyn AutoCntrDetSpd M str.Timer1 mS u32	4294967295
'ehDyn AutoCntrDetSpd M str.Timer2 mS u32	4294967295
/ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	3200
/ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.00125584798
/ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	3200
/ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.00125584798
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	1
/ehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt lgc	1
/ehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	1
'ehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	700
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	255
/ehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	20
/ehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	100
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	60000
/ehDyn AutoCntrHiSpd M str.Timer2Thresh mS u16	60000
/ehDyn AutoCntrHiSpd M str.Timer1 mS u32	4294967295
/ehDyn AutoCntrHiSpd M str.Timer2 mS u32	4294967295
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	3200
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.00125584798
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	3200
/ehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.00125584798
/ehDyn AutoCntrHiSpd M str.Filter1Enable Cnt lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	1
/ehDyn AutoCntrHiSpd M str.Filter2Initialized Cnt lgc	1
/ehDyn AutoCntrLoSpd M str.MtrVel MtrRadpS f32	700
/ehDyn AutoCntrLoSpd M str.VehSpd kph f32	255
/ehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	20
ehDyn AutoCntrLoSpd M str.CntrWindow HwDeg f32	100
ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	60000
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	60000
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4294967295
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4294967295
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	3200
/ehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	0.00125584798



Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	3200
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00125584798
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1440.10999
VehDyn_MinOffset_HwDeg_M_f32	2840
VehDyn_PinTrqSV_M_str.SV_UIs_f32	18.7999992
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00125584798
VehDyn_SLPHwAuth_Uls_M_f32	1
VehDyn_SLPHwPos_HwDeg_M_f32 k HiSpdVDAuthority Uls f32	1600
k_LoSpdVDAuthority_UIs_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	100
k_TravelXCDeadband_Uls_f32	100
k_TravelXCHwAuthority_Uls_f32	1
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4294967295
target_GetSystemTime_mS_u32_CurrentTime	4294967295
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_HwTorque_HwNm_f32 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target VehDyn Per1 RelHwPos HwDeg f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-360
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1440.10999
target_VehDyn_Per1_HwTorque_HwNm_f32.value target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	10 1350
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	3200
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	512
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4294967295
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	4294967295
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	3200 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	3200 ± 0.009
VehDyn AutoCntrDetSpd_W_str.Filter2Enable Cnt Igc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4294967295
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	4294967295
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	3200 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	3200 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1mittalized_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	4294967295
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	4294967295
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	3200 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	3200 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	1
VehDyn LoSpdLearnt Cnt M Igc	1
VehDyn MaxOffset HwDeg M f32	-1759.89001
VehDyn_MinOffset_HwDeg_M_f32	2840
VehDyn_PinTrqSV_M_str.SV_Uls_f32	18.7890587 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1 ± 0.004





Name	Expected Value
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	0 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Input Value
target_DtrmnElapsedTime_mS_u32_ElapsedTime
target GetSystemTime mS u32 CurrentTime
target Rte Inst Ap VehDyn
1
200.100006
156.100006
4.0999999
42.0999985
7034
39056
4211268631
274107514
-2400.1001
2.51000006e-006
-1482.09998
0.000650000002
0 0
0
1
125.09998
124.5 3.79999995
10.5
49475
38708
2160073393
2345892861
1950.09998
0.000449999992
2600.1001
0.000780000002
0
1
1
0
200.100006
156.100006
4.4000001
42.0999985
7034
39056
4211268631
274107514
-2400.1001
2.49999994e-005
-1482.09998
0.000650000002
1
0
0
0
1
0
1
369.15799
-1439.15405
7.80000019





Name	Input Value
VehDyn SLPHwAuth Uls M f32	0.986999989
VehDyn SLPHwPos HwDeg M f32	-1589.15002
k HiSpdVDAuthority Uls f32	0.89999976
k LoSpdVDAuthority UIs f32	0.330000013
k_SysKinRatio_MtrDegpHwDeg_f32	10.0200005
k_TravelXCDeadband_Uls_f32	1.25
k_TravelXCHwAuthority_Uls_f32	0.0153999999
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1720406272
target_GetSystemTime_mS_u32_CurrentTime	4243378688
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1438.15002
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	375.23999
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-9.10000038
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-900.210022
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	2880.20996
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	-8 0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	0
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	274107514
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.1001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4243378688
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1950.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2600.1001 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	274107514
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.1001 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	375.23999
VehDyn_MinOffset_HwDeg_M_f32	-1438.15002 7.7055575 + 0.000000
VehDyn_PinTrqSV_M_str.SV_UIs_f32	7.7955575 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	0.89999976 ± 0.004 280.109985 ± 0.1
Large Ton Syn_1 or 1_ochoolics in the two egines. Value	200.100000 2 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1



Test Step 3.4 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	457.299988
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	166.300003
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	16.2999992
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	12.3000002
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27401
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2160073393
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51999995e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000652000017
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_Igc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	124
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	84.099985
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	5.5
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	25 43128
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	58869 54822322
, = = = = = =	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2553156835 1885.09998
VehDyn_AutoCntrhiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000452000007
VehDyn AutoCntrhiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-2400.19995
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000782000017
VehDyn AutoCntrHiSpd M str.Filter1Enable Cnt Igc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	457.399994
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	166.399994
VehDyn AutoCntrLoSpd M str.FiltPinTrq HwNm f32	16.1000004
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.3999996
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	25532
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	27401
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2160073393
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	328928812
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.54000006e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000652000017
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	-374.149994
VehDyn_MinOffset_HwDeg_M_f32	-1432.46997
VehDyn_PinTrqSV_M_str.SV_UIs_f32	3.20000005
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000251999998
VehDyn_SLPHwAuth_Uls_M_f32	0.972000003
VehDyn_SLPHwPos_HwDeg_M_f32	-1578.89001
k_HiSpdVDAuthority_UIs_f32	0.349999994
k_LoSpdVDAuthority_Uls_f32	0.889999986
k_SysKinRatio_MtrDegpHwDeg_f32	25.1000004
k_TravelXCDeadband_Uls_f32	2.69000006
k_TravelXCHwAuthority_UIs_f32	0.0166250002
target_DtrmnElapsedTime_mS_u32_ElapsedTime	2659241984
target_GetSystemTime_mS_u32_CurrentTime	1050692864
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target Rte Inst Ap VehDyn.VehDyn Per1 RelHwPos HwDeg f32	target VehDyn Per1 RelHwPos HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target VehDyn Per1 VehicleSpeedValid Cnt Igc
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target VehDyn Per1 VehicleSpeed Kph f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1431.89001
target VehDyn Per1 CwEOT HwDeg f32.value	386.147003
target_VehDyn_Per1_HwTorque_HwNm_f32.value	9.5
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	800.869995
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	200.839996
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	7.80000019
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	1
target VehDyn Per1 VehicleSpeed Kph f32.value	512
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2160073393
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1050692864
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1885.09998 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1050692864
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	328928812
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1900.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Initialized Cnt Igc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn Initialize Cnt M Igc	1
VehDyn LoSpdLearnt Cnt M Igc	0
VehDyn MaxOffset HwDeg M f32	-374.149994
VehDyn MinOffset HwDeg M f32	-1432.46997
VehDyn_PinTrqSV_M_str.SV_UIs_f32	3.20166588 ± 0.000009
target VehDyn Per1 SensorlessAuthority Uls f32.value	0.889999986 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600 ± 0.1
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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 3.5 (Repeat Count = 1)		
Name	Input Value	
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime	
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn	
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1	
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	566.099976	
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	84.0999985	
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	5.0999999	
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	25.1000004	
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	43128	

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33360
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VehDyn_Per1_CcwEOT_HwDeg_f32
VehDyn_Per1_CwEOT_HwDeg_f32
VehDyn_Per1_HwTorque_HwNm_f32
VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
VehDyn_Per1_RelHwPos_HwDeg_f32
VehDyn_Per1_SensorlessAuthority_Uls_f32
VehDyn_Per1_SensorlessHwPos_HwDeg_f32
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VehDvn Per1 TorqueCmdCRF MtrNm f32
VehDyn_Per1_TorqueCmdCRF_MtrNm_f32 VehDyn_Per1_VehicleSpeedValid_Cnt_loc
VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
VehDyn_Per1_VehicleSpeedValid_Cnt_lgc VehDyn_Per1_VehicleSpeed_Kph_f32
VehDyn_Per1_VehicleSpeedValid_Cnt_lgc VehDyn_Per1_VehicleSpeed_Kph_f32
VehDyn_Per1_VehicleSpeedValid_Cnt_lgc VehDyn_Per1_VehicleSpeed_Kph_f32
7 0 1 0 0 0 1 5 4





Name	Input Value
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-2000.09998
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	3.20000005
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	256.640015
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1885.09998 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.1001 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	3039943680
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1887.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2800.1001 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	54822322
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2553156835
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	1885.09998 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.1001 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	379.141998
VehDyn_MinOffset_HwDeg_M_f32	574.469971
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-5.40085077 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.660000026 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 3.6 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	75.0999985
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	88.099985
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	1.10000002
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	96.0999985
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	21335
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	34188
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892861
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	425.200012
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.58e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.30005
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000663999992
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	86
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	76.0999985

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	2
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	32.2999992
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.19995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000289399992
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000793999992
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	75.5
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	88.8000031
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	1.5
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	96.8000031
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	21335
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	34188
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2345892861
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	425.200012
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.78000007e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000663999992
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	404.10199
VehDyn_MinOffset_HwDeg_M_f32	-1392.36597
VehDyn_PinTrqSV_M_str.SV_UIs_f32	17.7999992 0.000257999985
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000257999965
VehDyn_SLPHwAuth_Uls_M_f32 VehDyn SLPHwPos HwDeg M f32	-1517.32996
k_HiSpdVDAuthority_Uls_f32	0.637000024
k_LoSpdVDAuthority_Uls_f32	0
k SysKinRatio MtrDegpHwDeg f32	32.5
k TravelXCDeadband Uls f32	11.3299999
k_TravelXCHwAuthority_Uls_f32	0.0239749998
target_DtrmnElapsedTime_mS_u32_ElapsedTime	463842816
target_GetSystemTime_mS_u32_CurrentTime	824746752
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1394.32996
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	451.588989
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-7.3000019
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	159.455994
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	456.100006
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1 35.8899994
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	
Name Validities Alleged Biological Costs Costs M. Jose	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	2345892861
VobDup AutoCatrDotCad M at Timera	3589476708
	435 300043 + 0.0000
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	425.200012 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.30005 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	

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Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	824746752
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	3796740682
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2000.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.30005 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	824746752
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	3589476708
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	425.200012 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1988.30005 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	451.588989
VehDyn_MinOffset_HwDeg_M_f32	-1394.32996
VehDyn_PinTrqSV_M_str.SV_UIs_f32	17.79356 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.882000029 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1517.32996 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
/ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	539.299988
/ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	186.300003
/ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	12.3000002
/ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	86.3000031
/ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	43128
/ehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58869
/ehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024
/ehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.099976
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.7000001e-006
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.19995
/ehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000688
/ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
/ehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	498
/ehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	196
/ehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	10.1000004
/ehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96
/ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53759
/ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	18715
/ehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	4290967295
/ehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892861
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.19995
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000777799985
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.200012
/ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000818
/ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1

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Name	Input Value
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	539.700012
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	186.600006
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	12.6999998
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.5999985
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	43128
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	58869
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	753.099976
	3.26000008e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000688
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	0
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	464.006012
VehDyn_MinOffset_HwDeg_M_f32	-1312.15796
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-1.60000002
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.00026999999
VehDyn_SLPHwAuth_Uls_M_f32	0.702000022
VehDyn_SLPHwPos_HwDeg_M_f32	-1394.20996
k_HiSpdVDAuthority_UIs_f32	1
k_LoSpdVDAuthority_Uls_f32	0.800000012
k_SysKinRatio_MtrDegpHwDeg_f32	96.5
k_TravelXCDeadband_Uls_f32	28.6100006
k_TravelXCHwAuthority_Uls_f32	0.038674999
target_DtrmnElapsedTime_mS_u32_ElapsedTime	309385728
target_GetSystemTime_mS_u32_CurrentTime	2269150976
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target VehDyn Per1 VehicleSpeed Kph f32
target VehDyn Per1 CcwEOT HwDeg f32.value	-1319.20996
target VehDyn Per1 CwEOT HwDeg f32.value	582.473022
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-7.11999989
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-900.450012
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1947.64001
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.60000002
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	156.550003
Name	Expected Value
	•
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2138628886
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.099976 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.19995 ± 0.009
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt Igc	1
, , , , , , , , , , , , , , , , , , , ,	
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2269150976
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-1988.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-753.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	2269150976
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2138628886

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Name	Expected Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	753.099976 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1482.19995 ± 0.0009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	582.473022
VehDyn_MinOffset_HwDeg_M_f32	-1319.20996
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-1.60149491 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.800000012 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1600 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Гest Step 3.8 (Repeat Count = 1)	
Name	Input Value
OtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
ehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
ehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	2.0999999
ehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	86.0999985
ehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.099999
ehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	25.1000004
ehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	20423
ehDyn AutoCntrDetSpd M str.Timer2Thresh mS u16	31368
ehDyn AutoCntrDetSpd M str.Timer1 mS u32	164464918
ehDyn AutoCntrDetSpd M str.Timer2 mS u32	2345892861
ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-753.400024
'ehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	2.9699997e-006
ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1900.30005
'ehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000742000004
ehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	1
ehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	1
ehDyn AutoCntrDetSpd M str.Filter1Initialized Cnt lgc	1
ehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt lgc	0
ehDyn AutoCntrHiSpd M str.MtrVel MtrRadpS f32	75.1999969
ehDyn AutoCntrHiSpd M str.VehSpd kph f32	18
ehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	5.69999981
ehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	100
ehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	16683
ehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	22497
ehDyn AutoCntrHiSpd M str.Timer1 mS u32	3796740682
ehDyn AutoCntrHiSpd M str.Timer2 mS u32	3796740682
ehDyn AutoCntrHiSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	1900.19995
ehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.Sv_ois_i32	0.000541999994
ehDyn AutoChtrHiSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	753.400024
ehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000872000004
ehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
	0
ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	
ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	2.9000001
ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	86.8000031
ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	4.9000001
ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	25.7999992
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	20423
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	31368
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	164464918
ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892861

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Name	Input Value
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.400024
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	4.33999994e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.30005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000742000004
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	0
VehDyn_MaxOffset_HwDeg_M_f32	598.789978
VehDyn_MinOffset_HwDeg_M_f32	-1131.68994
VehDyn_PinTrqSV_M_str.SV_Uls_f32	8.89999962
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000368000008
VehDyn_SLPHwAuth_Uls_M_f32	0.296999991
VehDyn_SLPHwPos_HwDeg_M_f32	-1117.18994
k_HiSpdVDAuthority_Uls_f32	1
k LoSpdVDAuthority Uls f32	0
k SysKinRatio MtrDegpHwDeg f32	53.2999992
TravelXCDeadband Uls f32	67.4899979
k TravelXCHwAuthority Uls f32	0.0717500001
target DtrmnElapsedTime mS u32 ElapsedTime	1568734208
target GetSystemTime mS u32 CurrentTime	800969984
target Rte Inst Ap VehDyn.VehDyn Per1 CcwEOT HwDeg f32	target VehDyn Per1 CcwEOT HwDeg f32
target Rte Inst Ap VehDyn.VehDyn Per1 CwEOT HwDeg f32	target VehDyn Per1 CwEOT HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target Rte Inst Ap VehDyn.VehDyn Per1 MotorVelCRF MtrRadpS f32	target VehDyn Per1 MotorVelCRF MtrRadpS f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
target Rte Inst Ap VehDyn.VehDyn Per1 TorqueCmdCRF MtrNm f32	target VehDyn Per1 TorqueCmdCRF MtrNm f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target VehDyn Per1 VehicleSpeedValid Cnt Igc
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeed Kph f32	target VehDyn Per1 VehicleSpeed Kph f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1150.18994
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	876.961975
target VehDyn Per1 HwTorque HwNm f32.value	-9.25
target VehDyn Per1 MotorVelCRF MtrRadpS f32.value	-158.710007
target VehDyn Per1 RelHwPos HwDeg f32.value	1988.09998
target VehDyn Per1 TorqueCmdCRF MtrNm f32.value	8.19999981
target VehDyn Per1 VehicleSpeedValid Cnt Igc.value	0
target VehDyn Per1 VehicleSpeed Kph f32.value	35.8199997
Name	Expected Value
	1
VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	164464918





Name	Expected Value
VehDyn_PinTrqSV_M_str.SV_Uls_f32	8.8933773 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0.0717500001 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	856.409973 ± 0.1

Т	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 3.9 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	44.7999992
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	166.800003
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.80000019
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	12.8000002
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	5235
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	27074
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	148.5
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.1300001e-006
VehDyn AutoCntrDetSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1438.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000774000015
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	662.200012
VehDyn AutoCntrHiSpd M str.VehSpd kph f32	106.199997
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.1000004
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	96.1999969
VehDyn AutoCntrHiSpd M str.Timer1Thresh mS u16	12258
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	2553156835
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	456.200012
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000561999972
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200
VehDyn AutoCntrHiSpd M str.RelHwPosFilt2SV HwDeg str.K Uls f32	0.000904000015
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	44.0200005
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	166.119995
VehDyn AutoCntrLoSpd M str.FiltPinTrg HwNm f32	4.01999998
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.1199999
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	5235
VehDyn AutoCntrLoSpd M str.Timer2Thresh mS u16	27074
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	4211268631
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420810
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	148.5
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	4.9800009e-005
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV_HwDeg_str.R_0Is_132 VehDyn AutoCntrLoSpd M str.RelHwPosFilt2SV HwDeg str.SV Uls f32	-1438.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFitt2SV_HwDeg_str.K_Uls_f32	0.000774000015
VehDyn AutoCntrLoSpd M str.Filter1Enable Cnt Igc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_igc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_igc	0
	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	1
	1
VehDyn_HiSpdLearnt_Cnt_M_lgc	1
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1

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Name	Input Value
VehDyn_MaxOffset_HwDeg_M_f32	678.661987
VehDyn_MinOffset_HwDeg_M_f32	-1024.74597
VehDyn_PinTrqSV_M_str.SV_Uls_f32	15.1999998
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000384000014
VehDyn_SLPHwAuth_Uls_M_f32	0.057
VehDyn_SLPHwPos_HwDeg_M_f32	-953.030029
k_HiSpdVDAuthority_UIs_f32	0
k_LoSpdVDAuthority_Uls_f32	0.870000005
k_SysKinRatio_MtrDegpHwDeg_f32	32.2999992
k_TravelXCDeadband_Uls_f32	90.5299988
k_TravelXCHwAuthority_UIs_f32	0.0913499966
target_DtrmnElapsedTime_mS_u32_ElapsedTime	4077829376
target_GetSystemTime_mS_u32_CurrentTime	1117112832
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_SensorlessAuthority_Uls_f32	target VehDyn Per1 SensorlessAuthority Uls f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target VehDyn Per1 SensorlessHwPos HwDeg f32
target Rte Inst Ap VehDyn.VehDyn Per1 TorqueCmdCRF MtrNm f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target Rte Inst Ap VehDyn.VehDyn Per1 VehicleSpeedValid Cnt Igc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32 -1050.03003
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1051.474 -8.06000042
target_VehDyn_Per1_HwTorque_HwNm_f32.value	
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	159.100006
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1988.59998
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	126.410004
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	1117112832
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	148.5 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.19995 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	2553156835
Venbyn_Addontiniopa_ivi_striniciz_ino_dsz	2553156835 2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	
	2967684784
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2967684784 456.200012 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	2967684784 456.200012 ± 0.0009 -3200 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc	2967684784 456.200012 ± 0.0009 -3200 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	2967684784 456.200012 ± 0.0009 -3200 ± 0.009 1
VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc	2967684784 456.200012 ± 0.0009 -3200 ± 0.009 1 1 1
VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_Igc	2967684784 456.200012 ± 0.0009 -3200 ± 0.009 1 1
VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784 456.200012 ± 0.0009 -3200 ± 0.009 1 1 1 0 4211268631 2760420810
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	2967684784 456.200012 ± 0.0009 -3200 ± 0.009 1 1 1 0 4211268631
VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2967684784 456.200012 ± 0.0009 -3200 ± 0.009 1 1 1 0 4211268631 2760420810 148.5 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	2967684784 456.200012 ± 0.0009 -3200 ± 0.009 1 1 1 0 4211268631 2760420810 148.5 ± 0.0009 -1438.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	2967684784 456.200012 ± 0.0009 -3200 ± 0.009 1 1 1 0 4211268631 2760420810 148.5 ± 0.0009 -1438.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	2967684784 456.200012 ± 0.0009 -3200 ± 0.009 1 1 1 0 4211268631 2760420810 148.5 ± 0.0009 -1438.19995 ± 0.009 1 0 0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	2967684784 456.200012 ± 0.0009 -3200 ± 0.009 1 1 1 0 4211268631 2760420810 148.5 ± 0.0009 -1438.19995 ± 0.009 1 0 0 1
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	2967684784 456.200012 ± 0.0009 -3200 ± 0.009 1 1 1 0 4211268631 2760420810 148.5 ± 0.0009 -1438.19995 ± 0.009 1 0 0 1
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc VehDyn_Initialize_Cnt_M_lgc	2967684784 456.200012 ± 0.0009 -3200 ± 0.009 1 1 1 0 4211268631 2760420810 148.5 ± 0.0009 -1438.19995 ± 0.009 1 0 0 1
VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_HiSpdLearnt_Cnt_M_Igc VehDyn_Initialize_Cnt_M_Igc VehDyn_LoSpdLearnt_Cnt_M_Igc	2967684784 456.200012 ± 0.0009 -3200 ± 0.009 1 1 1 0 4211268631 2760420810 148.5 ± 0.0009 -1438.19995 ± 0.009 1 0 0 1 1 1 1
VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_Initialize_Cnt_M_Igc VehDyn_LoSpdLearnt_Cnt_M_Igc VehDyn_LoSpdLearnt_Cnt_M_Igc VehDyn_MaxOffset_HwDeg_M_f32	2967684784 456.200012 ± 0.0009 -3200 ± 0.009 1 1 1 0 4211268631 2760420810 148.5 ± 0.0009 -1438.19995 ± 0.009 1 0 0 1 1 1 1 1 1 -937.125977
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_IspdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	2967684784 456.200012 ± 0.0009 -3200 ± 0.009 1 1 1 0 4211268631 2760420810 148.5 ± 0.0009 -1438.19995 ± 0.009 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_Initialize_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_LoSpdLearnt_Cnt_M_lgc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32 VehDyn_PinTrqSV_M_str.SV_UIs_f32	2967684784 456.200012 ± 0.0009 -3200 ± 0.009 1 1 1 0 4211268631 2760420810 148.5 ± 0.0009 -1438.19995 ± 0.009 1 1 1 1 1 1 1 1 1 15 1 15 15 15 15 1910133 ± 0.00009
VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt1SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.ReiHwPosFilt2SV_HwDeg_str.SV_UIs_f32 VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc VehDyn_Initialize_Cnt_M_Igc VehDyn_LoSpdLearnt_Cnt_M_Igc VehDyn_LoSpdLearnt_Cnt_M_Igc VehDyn_MaxOffset_HwDeg_M_f32 VehDyn_MinOffset_HwDeg_M_f32	2967684784 456.200012 ± 0.0009 -3200 ± 0.009 1 1 1 0 4211268631 2760420810 148.5 ± 0.0009 -1438.19995 ± 0.009 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1



Test Step 3.10 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AltoCntrDetSnd_M_etr_MtrVol_MtrDedpS_f22	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	34.1399994 86.099985
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	4.400001
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	25.399996
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	20423
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	31368
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	164464918
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	328928812
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.799988
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	3.2800001e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.19995
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00080400001
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCotrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc	1 566
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	216
VehDyn AutoCntrHiSpd M str.FiltPinTrg HwNm f32	1.10000002
VehDyn AutoCntrHiSpd M str.CntrWindow HwDeg f32	88.4000015
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	52282
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1078320779
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	383750110
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.299988
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000592000026
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.19995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000176000001
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_Igc	0 700
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32 VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	86.3000031
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	6.30000019
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	86.1999969
VehDyn AutoCntrLoSpd M str.Timer1Thresh mS u16	5235
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	27074
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	3174948759
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.19995
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	5.57999992e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.3999
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.00080400001
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn_AutoCntrl_oSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCotrl_oSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc VehDyn_HiSpdLearnt_Cnt_M_lgc	0 0
VehDyn Initialize Cnt M Igc	1
VehDyn LoSpdLearnt Cnt M Igc	1
VehDyn_MaxOffset_HwDeg_M_f32	753.541992
VehDyn_MinOffset_HwDeg_M_f32	-924.486023
VehDyn_PinTrqSV_M_str.SV_Uls_f32	3.20000005
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000399000011
VehDyn_SLPHwAuth_Uls_M_f32	0.216000006
VehDyn_SLPHwPos_HwDeg_M_f32	-799.130005
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_Uls_f32	1
k_SysKinRatio_MtrDegpHwDeg_f32	78.3000031
k_TravelXCDeadband_Uls_f32	89.9000015
k_TravelXCHwAuthority_UIs_f32	0.109724998
target_DtrmnElapsedTime_mS_u32_ElapsedTime	1759885568
target_GetSystemTime_mS_u32_CurrentTime	2728878080
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32

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Name	Input Value
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target Rte Inst Ap VehDyn.VehDyn Per1 SensorlessHwPos HwDeg f32	target VehDyn Per1 SensorlessHwPos HwDeg f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-956.130005
target_VehDyn_Per1_CwEOT_HwDeg_f32.value	1215.07898
target_VehDyn_Per1_HwTorque_HwNm_f32.value	-6.03999996
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	753.700012
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	1456.69995
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.5999999
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	500.049988
Name	Expected Value
VehDyn AllowHiSpdAutoCntr Cnt M Igc	0
VehDyn AutoCntrDetSpd M str.Timer1 mS u32	2728878080
VehDyn AutoCntrDetSpd M str.Timer2 mS u32	328928812
VehDyn AutoCntrDetSpd M str.RelHwPosFilt1SV HwDeg str.SV Uls f32	-753.799988 ± 0.0009
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.19995 ± 0.009
VehDyn AutoCntrDetSpd M str.Filter1Enable Cnt lgc	0
VehDyn AutoCntrDetSpd M str.Filter2Enable Cnt lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn AutoCntrDetSpd M str.Filter2Initialized Cnt Igc	1
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1078320779
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	383750110
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-753.299988 ± 0.0009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1900.19995 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn AutoCntrHiSpd M str.Filter2Enable Cnt lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn AutoCntrLoSpd M str.Timer1 mS u32	2728878080
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2345892861
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2500.19995 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-2400.3999 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	-241.621002
VehDyn_MinOffset_HwDeg_M_f32	-924.486023
VehDyn_PinTrqSV_M_str.SV_Uls_f32	3.19633675 ± 0.000009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	1 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	1600 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 3.11 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	200.399994
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	52.4000015
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	14.3999996

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	63.4000015
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	53970
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	58869
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	3589476708
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	219286216
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.1001
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000407000014
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	1991.09998
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000961999991
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	159
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	68.3000031
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	16.7999992
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	86
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	12258
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	36416
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	1024
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	54822322
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	2800.19995
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	0.000761999981
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1988.30005
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000515999971
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	1
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	412.700012
VehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	106.699997
VehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	10.699998
VehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	12.6999998
VehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	13352
VehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	14442 3589476708
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32 VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	2760420810
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-2400.19995
VehDyn AutoCntrLoSpd M str.RelHwPosFilt1SV HwDeg str.K Uls f32	7.58000024e-005
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-1438.09998
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	0.000961999991
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	1
VehDyn AutoCntrLoSpd M str.Filter2Enable Cnt Igc	0
VehDyn AutoCntrLoSpd M str.Filter1Initialized Cnt Igc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_Igc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	1172.87
VehDyn_MinOffset_HwDeg_M_f32	-363.029999
VehDyn_PinTrqSV_M_str.SV_Uls_f32	1.5
VehDyn_PinTrqSV_M_str.K_Uls_f32	0.000483999989
VehDyn_SLPHwAuth_Uls_M_f32	0.275999993
VehDyn_SLPHwPos_HwDeg_M_f32	62.7099991
k_HiSpdVDAuthority_Uls_f32	0
k_LoSpdVDAuthority_UIs_f32	0.89999976
k_SysKinRatio_MtrDegpHwDeg_f32	63.3199997
k_TravelXCDeadband_Uls_f32	3.38000011
k_TravelXCHwAuthority_UIs_f32	0.212624997
target_DtrmnElapsedTime_mS_u32_ElapsedTime	3304439296
target_GetSystemTime_mS_u32_CurrentTime	824746752
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_VehDyn_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32 target_VehDyn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_venDyn_VenDyn_Per1_SensoriessAutnority_Uis_132 target_Rte_Inst_Ap_vehDyn_VehDyn_Per1_SensoriessHwPos_HwDeg_f32	target_VenDyn_Per1_SensoriessAutnority_Uis_132 target_VenDyn_Per1_SensoriessHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensonesshwPos_nwDeg_i32 target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target VehDyn Per1 TorqueCmdCRF MtrNm f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_vehDyn_Per1_vehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-430.290009

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Name			Input Value	e
target_VehDyn_Per1_HwTorque_HwNm_f32.value			-1.11000001	
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value			-456	
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value			-2400.04004	
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value			-4.5999999	
target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value			0	
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value			230	
Name			Expected Value	Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc			1	
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32			3589476708	
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32			219286216	
$VehDyn_AutoCntrDetSpd_M_str. \Box \hspace{1cm} r \Box$	en	Regc.valuef32	.va□	UPsalue

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Name	Input Value
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	0
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	0
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	0
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	0
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51000006e-006
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51000006e-006
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
/ehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.MtrVel_MtrRadpS_f32	0
/ehDyn_AutoCntrLoSpd_M_str.VehSpd_kph_f32	0
/ehDyn_AutoCntrLoSpd_M_str.FiltPinTrq_HwNm_f32	0
/ehDyn_AutoCntrLoSpd_M_str.CntrWindow_HwDeg_f32	0
/ehDyn_AutoCntrLoSpd_M_str.Timer1Thresh_mS_u16	0
/ehDyn_AutoCntrLoSpd_M_str.Timer2Thresh_mS_u16	0
/ehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0
/ehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32	-3200
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51000006e-006
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200
/ehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51000006e-006
/ehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
/ehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	280
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-18.7999992
VehDyn_PinTrqSV_M_str.K_Uls_f32	2.51000006e-006
VehDyn_SLPHwAuth_Uls_M_f32	0
VehDyn_SLPHwPos_HwDeg_M_f32	-1600
c_HiSpdVDAuthority_Uls_f32	0
C_LoSpdVDAuthority_Uls_f32	0
c_SysKinRatio_MtrDegpHwDeg_f32	1
C_TraveIXCDeadband_Uls_f32	0
c_TravelXCHwAuthority_Uls_f32	0
arget_DtrmnElapsedTime_mS_u32_ElapsedTime	0
arget_GetSystemTime_mS_u32_CurrentTime	0
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CcwEOT_HwDeg_f32	target_VehDyn_Per1_CcwEOT_HwDeg_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_CwEOT_HwDeg_f32	target_VehDyn_Per1_CwEOT_HwDeg_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_HwTorque_HwNm_f32	target_VehDyn_Per1_HwTorque_HwNm_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_MotorVelCRF_MtrRadpS_f32	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_RelHwPos_HwDeg_f32	target_VehDyn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessAuthority_Uls_f32	target_VehDyn_Per1_SensorlessAuthority_Uls_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_SensorlessHwPos_HwDeg_f32	target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
arget_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
arget_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1440.10999
arget_VehDyn_Per1_CwEOT_HwDeg_f32.value	360
arget_VehDyn_Per1_HwTorque_HwNm_f32.value	-10
arget_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1350
arget_VehDyn_Per1_RelHwPos_HwDeg_f32.value	180
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.80000019
arget_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value	0
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value	0
Name	Expected Value
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0
veribyit_Autocritibetopu_ivi_sti. filinetz_into_ubz	-





Name	Expected Value
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200 ± 0.009
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	180
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999
VehDyn_PinTrqSV_M_str.SV_Uls_f32	-18.7999992 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600 ± 0.1

T	
Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	1
Autocenter_f32	1
GetSystemTime_mS_u32	2
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1

Test Step 3.13 (Repeat Count = 1)	
Name	Input Value
DtrmnElapsedTime_mS_u32(ElapsedTime)	target_DtrmnElapsedTime_mS_u32_ElapsedTime
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_VehDyn	target_Rte_Inst_Ap_VehDyn
VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc	0
VehDyn_AutoCntrDetSpd_M_str.MtrVel_MtrRadpS_f32	0
VehDyn_AutoCntrDetSpd_M_str.VehSpd_kph_f32	0
VehDyn_AutoCntrDetSpd_M_str.FiltPinTrq_HwNm_f32	0
VehDyn_AutoCntrDetSpd_M_str.CntrWindow_HwDeg_f32	0
VehDyn_AutoCntrDetSpd_M_str.Timer1Thresh_mS_u16	0
VehDyn_AutoCntrDetSpd_M_str.Timer2Thresh_mS_u16	0
VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32	0
VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.K_Uls_f32	2.51000006e-006
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200
VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.K_Uls_f32	2.51000006e-006
VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.MtrVel_MtrRadpS_f32	0
VehDyn_AutoCntrHiSpd_M_str.VehSpd_kph_f32	0
VehDyn_AutoCntrHiSpd_M_str.FiltPinTrq_HwNm_f32	0
VehDyn_AutoCntrHiSpd_M_str.CntrWindow_HwDeg_f32	0
VehDyn_AutoCntrHiSpd_M_str.Timer1Thresh_mS_u16	0
VehDyn_AutoCntrHiSpd_M_str.Timer2Thresh_mS_u16	0
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32	0
VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200

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VehDyn, SI-PhiwAuth, Us. M. 192	VehDyn_PinTrqSV_M_str.SV_Uls_f32	-18.7999992
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target_DimmElapsedTime_mS_u32_ElapsedTime		
target_GelSystemTime_mS_u32_CurrentTime 0		
target_Rie_Inst_Ap_VehDyn_Perl_CcvEOT_HwDeg_I32 target_VehDyn_Perl_CcwEOT_HwDeg_I32 target_Rie_Inst_Ap_VehDyn_VehDyn_Perl_wCwEOT_HwDeg_I32 target_VehDyn_Perl_wCwEOT_HwDeg_I32 target_Rie_Inst_Ap_VehDyn_VehDyn_Perl_MctorVelCRF_MtrRadps_I32 target_VehDyn_Perl_MctorVelCRF_MtrRadps_I32 target_Rie_Inst_Ap_VehDyn_VehDyn_Perl_EnelHwPos_HwDeg_I32 target_VehDyn_Perl_MctorVelCRF_MtrRadps_I32 target_Rie_Inst_Ap_VehDyn_VehDyn_Perl_SensoriessAuthority_Uis_I32 target_VehDyn_Perl_MctorVelCRF_MtrRadps_I32 target_Rie_Inst_Ap_VehDyn_VehDyn_Perl_SensoriessAuthority_Uis_I32 target_VehDyn_Perl_SensoriessAuthority_Uis_I32 target_Rie_Inst_Ap_VehDyn_VehDyn_Perl_SensoriessAuthority_Uis_I32 target_VehDyn_Perl_SensoriessAuthority_Uis_I32 target_Rie_Inst_Ap_VehDyn_VehDyn_Perl_SensoriessAuthority_Uis_I32 target_VehDyn_Perl_SensoriessAuthority_Uis_I32 target_Rie_Inst_Ap_VehDyn_VehDyn_Perl_VehIcleSpeedValid_Cn_Uigc target_VehDyn_Perl_SensoriessAuthority_Uis_I32 target_Rie_Inst_Ap_VehDyn_VehDyn_Perl_VehIcleSpeedKph_I132 target_VehDyn_Perl_T_VehIcleSpeed_Kph_I132 target_VehDyn_Perl_CcwEOT_HwDeg_I32_value -1440 10999 target_VehDyn_Perl_Mortor(ERF_MtrRadps_I32_value -1350 target_VehDyn_Perl_VehIcleSpeed_Kph_I32_value -1350 target_VehDyn_Perl_VehIcleSpeed_Kph_I32_value 0 VehDyn_AutoCntrDetSpd_M_st		
larget_Rel_Inst_Ap_VehDyn_VehDyn_Per1_CWEOT_HwDeg_f32 target_Rel_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_Rel_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_Rel_Inst_Ap_VehDyn_VehDyn_Per1_HwTorque_HwNm_f32 target_Rel_Inst_Ap_VehDyn_VehDyn_Per1_RelInwPos_HwDeg_f32 target_Rel_Inst_Ap_VehDyn_VehDyn_Per1_RelInwPos_HwDeg_f32 target_Rel_Inst_Ap_VehDyn_VehDyn_Per1_SensoriessAuthority_Uis_f32 target_Rel_Inst_Ap_VehDyn_VehDyn_Per1_SensoriessAuthority_Uis_f32 target_Rel_Inst_Ap_VehDyn_VehDyn_Per1_SensoriessAuthority_Uis_f32 target_Rel_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MitNin_f32 target_VehDyn_Per1_SensoriessAuthority_Uis_f32 target_Rel_Inst_Ap_VehDyn_VehDyn_Per1_TorqueCmdCRF_MitNin_f32 target_VehDyn_Per1_VehicleSpeed_VehDyn_Per1_SensoriessAuthority_Uis_f32 target_VehDyn_Per1_VehicleSpeed_VehDyn_Per1_VehDyn_		
target_Rie_Inst_Ap_VehDyn.VehDyn.Perl_HwTorque_HwNm_f32 target_VehDyn.Perl_HwTorque_HwNm_f32 target_Rie_Inst_Ap_VehDyn.NehDyn.Perl_MotorVeiCRF_MitRadpS_f32 target_Rie_Inst_Ap_VehDyn.NehDyn.Perl_MotorVeiCRF_MitRadpS_f32 target_Rie_Inst_Ap_VehDyn.Perl_SensorlessAuthority_Uis_f32 target_Rie_Inst_Ap_VehDyn.VehDyn.Perl_SensorlessAuthority_Uis_f32 target_Rie_Inst_Ap_VehDyn.VehDyn.Perl_SensorlessAuthority_Uis_f32 target_VehDyn.Perl_SensorlessAuthority_Uis_f32 target_Rie_Inst_Ap_VehDyn.VehDyn.Perl_SensorlessAuthority_Uis_f32 target_VehDyn.Perl_SensorlessAuthority_Uis_f32 target_Rie_Inst_Ap_VehDyn.VehDyn.Perl_SensorlessAuthority_Uis_f32 target_VehDyn.Perl_SensorlessAuthority_Uis_f32 target_Rie_Inst_Ap_VehDyn.VehDyn.Perl_VehicleSpeed_Vell_G12 target_VehDyn.Perl_SensorlessAuthority_Uis_f32 target_VehDyn.Perl_Derl_CowCDT_HwDep_G12_VehIvIn_f32 target_VehDyn.Perl_VehicleSpeed_Kph_f32 target_VehDyn.Perl_CowCDT_HwDeg_G12_VehU 360 target_VehDyn.Perl_MotorQue_HwMm_f32_value -10 target_VehDyn.Perl_NehicleSpeed_Kph_f32_value -3200 target_VehDyn.Perl_VehicleSpeed_Kph_f32_value -88000019 target_VehDyn.Perl_VehicleSpeed_Kph_f32_value 0 VehDyn.Perl_VehicleSpeed_Kph_f32_value 0 VehDyn.Perl_VehicleSpeed_Kph_f32_value 0 VehDyn.Perl_Veh		· - · · -
larget_Rel_inst_Ap_VehDyn_Per1_MotorVeiCRF_MtrRadpS_f32 target_Rel_inst_Ap_VehDyn_Per1_ReliHwPos_HwDeg_f32 target_Rel_inst_Ap_VehDyn_Ner1_ReliHwPos_HwDeg_f32 target_Rel_inst_Ap_VehDyn_Per1_SensorlessAthwort_Uis_f32 target_Rel_inst_Ap_VehDyn_Per1_SensorlessAthwort_Uis_f32 target_Rel_inst_Ap_VehDyn_Per1_SensorlessAthwort_Uis_f32 target_Rel_inst_Ap_VehDyn_Per1_SensorlessAthwort_Uis_f32 target_Rel_inst_Ap_VehDyn_Per1_VehDyn_Per1_VehDeg_f32 target_Rel_inst_Ap_VehDyn_VehDyn_Per1_VehDeg_f32 target_Rel_inst_Ap_VehDyn_VehDyn_Per1_VehDeg_f32 target_Rel_inst_Ap_VehDyn_VehDyn_Per1_VehDeg_f32 target_VehDyn_Per1_VehDeg_f32		
target_Rel_inst_Ap_VehDyn_Perl_ReliHwPos_HwDeg_i32 target_VehDyn_Perl_SensorlessAuthority_Uis_i32 target_Rel_inst_Ap_VehDyn_VehDyn_Perl_SensorlessAuthority_Uis_i32 target_VehDyn_Perl_SensorlessAuthority_Uis_i32 target_Rel_inst_Ap_VehDyn_VehDyn_Perl_SensorlessAuthority_Uis_i32 target_VehDyn_Perl_SensorlessAuthority_Uis_i32 target_Rel_inst_Ap_VehDyn_VehDyn_Perl_VehicleSpeedValid_Cnt_Uis_c target_VehDyn_Perl_VehicleSpeedValid_Cnt_Uis_c target_Rel_inst_Ap_VehDyn_VehDyn_Perl_VehicleSpeed_Kph_i32 target_VehDyn_Perl_VehicleSpeed_Kph_i32 target_VehDyn_Perl_CowEOT_HwDeg_i32.value -1440.10999 target_VehDyn_Perl_HwTorque_HwMm_i32.value -1350 target_VehDyn_Perl_HwTorque_HwMm_i32.value -1350 target_VehDyn_Perl_RelHwPos_HwDeg_i32.value -3200 target_VehDyn_Perl_TorqueCmdCRF_MtrNm_i32.value -3200 target_VehDyn_Perl_VehicleSpeed_Kph_i32.value 0 target_VehDyn_Perl_VehicleSpeed_Kph_i32.value 0 target_VehDyn_Perl_VehicleSpeed_Kph_i32.value 0 VehDyn_AlutoCntr_Cnt_M_igc 0 VehDyn_AutoCntrDelSpd_M_str.Timerl_mS_u32 0 VehDyn_AutoCntrDelSpd_M_str.Timerl_mS_u32 -3200 ± 0.009 VehDyn_AutoCntrDelSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_Uis_i32 -3200 ± 0.009		
target_Rte_Inst_Ap_VehDyn.VehDyn_Perf_SensorlessAuthority_Uls_f32 target_VehDyn_Perf_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Perf_SensorlessHwPos_HwDeg_f32 target_VehDyn_Perf_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Perf_VehicleSpeedValid_Cnt_igc target_VehDyn_Perf_VehicleSpeedValid_Cnt_igc target_Rte_Inst_Ap_VehDyn.VehDyn_Perf_VehicleSpeed_Kph_f32 target_VehDyn_Perf_VehicleSpeedValid_Cnt_igc target_VehDyn_Perf_CwEOT_HwDeg_f32.value -1440.10999 target_VehDyn_Perf_HwTorque_HwMr_f32.value -10 target_VehDyn_Perf_HwTorque_HwMr_f32.value -1350 target_VehDyn_Perf_HwTorque_HwMr_f32.value -3200 target_VehDyn_Perf_Perf_RelHwPos_HwDeg_f32.value -880000019 target_VehDyn_Perf_VehicleSpeed_Kph_f32.value -880000019 target_VehDyn_Perf_VehicleSpeed_Kph_f32.value 0 target_VehDyn_Perf_VehicleSpeed_Kph_f32.value 0 VehDyn_Perf_VehicleSpeed_Kph_f32.value 0 VehDyn_Perf_VehicleSpeed_Kph_f32.value 0 VehDyn_Perf_VehicleSpeed_Kph_f32.value 0 VehDyn_AutoCntrDetSpd_M_str.Timer_m_s_u32 0 VehDyn_AutoCntrDetSpd_M_str.Timer_m_s_u32 0 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_Uls_f32		
target_Rte_Inst_Ap_VehDyn.VehDyn_Pert_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Pert_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_VehDyn.VehDyn_Pert_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Pert_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn.VehDyn_Pert_VehicleSpeed_Kph_f32 target_VehDyn_Pert_VehicleSpeed_Kph_f32 target_VehDyn_Pert_VehicleSpeed_Kph_f32 target_VehDyn_Pert_VehicleSpeed_Kph_f32 target_VehDyn_Pert_VehicleSpeed_Kph_f32 target_VehDyn_Pert_LWEOT_HwDeg_f32.value target_VehDyn_Pert_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Pert_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Pert_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Pert_MotorVelCRF_MtrRadpS_f32.value target_VehDyn_Pert_TerqueCmdCRF_MtrNm_f32.value target_VehDyn_Pert_VehicleSpeedValid_Cnt_Igc.value target_VehDyn_Pert_VehicleSpeed_Kph_f32.value target_VehDyn_Pert_VehicleSpeed_Kph_f32.value target_VehDyn_Pert_VehicleSpeed_Kph_f32.value target_VehDyn_Pert_VehicleSpeed_Kph_f32.value 0 Name Expected Value VehDyn_AllochtDetSpd_M_str.Timer1_mS_u32 0 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 0 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiltItSV_HwDeg_str.SV_UIs_f32 0 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiltItSV_HwDeg_str.SV_UIs_f32 0 VehDyn_AutoCntrDetSpd_M_str.FilterTenable_Cnt_Igc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_Igc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_Igc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Tenable_Cnt_Igc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2_mS_u32 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc 0 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_Igc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2_MS_usc_str.SV_UIs_f32 -3200 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter2_MS_usc_str.SV_UIs_f32 -3200 ± 0.009 VehDyn_AutoCn		
target_Rte_Inst_Ap_VehDyn.VehDyn_Pert_TorqueCmdCRF_MtrNm_i32 target_VehDyn_Pert_TorqueCmdCRF_MtrNm_i32 target_Rte_Inst_Ap_VehDyn.VehDyn_Pert_VehicleSpeedValid_Cnt_lgc target_VehDyn_Pert_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_VehDyn.VehDyn_Pert_VehicleSpeed_Kph_i32 target_VehDyn_Pert_VehicleSpeed_Kph_i32 target_VehDyn_Pert_CmcCOT_HwDeg_i32_value -1440.10999 target_VehDyn_Pert_HwTorque_HwNn_i32_value -10 target_VehDyn_Pert_MoleCRF_MtrRabg_i32_value -1350 target_VehDyn_Pert_RelHwPos_HwDeg_i32_value -3200 target_VehDyn_Pert_TorqueCmdCRF_MtrNm_i32_value -8,80000019 target_VehDyn_Pert_OrpucCmdCRF_MtrNm_i32_value 0 target_VehDyn_Pert_VehicleSpeedValid_Cnt_lgc_value 0 target_VehDyn_Pert_VehicleSpeed_Kph_i32_value 0 VehDyn_AllowHiSpd_Mstr.Timer1_mS_u32 0 VehDyn_AllowHiSpd_Mstr.Timer1_mS_u32 0 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 0 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_Uis_i32 -3200 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0		
target_Rte_Inst_Ap_VehDyn_Pert_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_VehDyn_Pert_VehicleSpeed_Kph_f32 target_VehDyn_Pert_CcwEOT_HwDeg_f32_value target_VehDyn_Pert_CcwEOT_HwDeg_f32_value target_VehDyn_Pert_LwTorque_HwNm_f32_value target_VehDyn_Pert_MotorVelCRF_MtrRadpS_f32_value target_VehDyn_Pert_MotorVelCRF_MtrRadpS_f32_value target_VehDyn_Pert_MotorVelCRF_MtrRadpS_f32_value target_VehDyn_Pert_RelHwPos_HwDeg_f32_value target_VehDyn_Pert_RelHwPos_HwDeg_f32_value target_VehDyn_Pert_RelHwPos_HwDeg_f32_value target_VehDyn_Pert_TorqueCmdCRF_MtrNm_f32_value target_VehDyn_Pert_VehicleSpeedValid_Cnt_Igc_value target_VehDyn_Pert_VehicleSpeedValid_Cnt_Igc_value target_VehDyn_Pert_VehicleSpeed_Kph_f32_value target_VehDyn_Pert_VehicleSpeed_Kph_f32_value target_VehDyn_Pert_VehicleSpeed_Kph_f32_value target_VehDyn_Pert_VehicleSpeed_Kph_f32_value 0 Name Expected Value VehDyn_AluoCntr_Cnt_M_Igc 0 VehDyn_AutoCntrDetSpd_M_str.Timert_mS_u32 0 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32 -3200 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32 -3200 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.FiltertIenable_Cnt_Igc 0 VehDyn_AutoCntrDetSpd_M_str.FiltertIenable_Cnt_Igc 0 VehDyn_AutoCntrDetSpd_M_str.FiltertIenable_Cnt_Igc 0 VehDyn_AutoCntrDetSpd_M_str.FiltertIenable_Cnt_Igc 0 VehDyn_AutoCntrDetSpd_M_str.FiltertIenable_Cnt_Igc 0 VehDyn_AutoCntrDetSpd_M_str.FiltertIenable_Cnt_Igc 0 VehDyn_AutoCntrDetSpd_M_str.FiltertSp_Mstr.Su_UIs_f32 -3200 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.FiltertSp_Mstr.Su_UIs_f32 -3200 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32 -3200 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.FiltertSp_Mstr.Su_UIs_f32 -3200 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.FiltertSp_HwDeg_str.SV_UIs_f32 -3200 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.FiltertSp_Mstr.Su_UIs_f32 -3200 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.FiltertSp_HwDeg_str.SV_UIs_f32 -3200 ± 0.009		
target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32 target_VehDyn_Per1_CowEOT_HwDeg_f32.value -1440.10999 target_VehDyn_Per1_CwEOT_HwDeg_f32.value 360 target_VehDyn_Per1_HwTorque_HwNm_f32.value -10 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value -1350 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value -3200 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value -8.8000019 target_VehDyn_Per1_VehicleSpeedValid_Cnt_Igc.value 0 target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 0 VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc 0 VehDyn_AllowHiSpdAutoCntr_Cnt_M_Igc 0 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 0 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 0 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32 -3200 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFiltSV_HwDeg_str.SV_UIs_f32 -3200 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_Igc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_Igc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_Igc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_Igc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1Ini	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_TorqueCmdCRF_MtrNm_f32	target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32
target_VehDyn_Per1_CcwEOT_HwDeg_f32_value	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeedValid_Cnt_lgc	target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc
target_VehDyn_Perl_CwEOT_HwDeg_f32.value 360 target_VehDyn_Perl_HwTorque_HwNm_f32.value -10 target_VehDyn_Perl_MotorVelCRF_MtrRadpS_f32.value -1350 target_VehDyn_Perl_RelHwPos_HwDeg_f32.value -3200 target_VehDyn_Perl_TorqueCmdCRF_MtrNm_f32.value -8.80000019 target_VehDyn_Perl_VehicleSpeed_Kph_f32.value 0 vehDyn_Perl_VehicleSpeed_Kph_f32.value 0 Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 0 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 0 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -3200 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 0 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 0 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 0	target_Rte_Inst_Ap_VehDyn.VehDyn_Per1_VehicleSpeed_Kph_f32	target_VehDyn_Per1_VehicleSpeed_Kph_f32
target_VehDyn_Per1_HwTorque_HwNm_f32.value -10 target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value -1350 target_VehDyn_Per1_RelHwPos_HwDeg_f32.value -3200 target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value -8.80000019 target_VehDyn_Per1_VehicleSpeedValid_Cnt_lgc.value 0 Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 0 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 0 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -3200 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -3200 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter3_mS_u32 0 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -3200 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_Hobeg_str.SV_UIs_f32 -3200 ± 0.009 <tr< td=""><td>target_VehDyn_Per1_CcwEOT_HwDeg_f32.value</td><td>-1440.10999</td></tr<>	target_VehDyn_Per1_CcwEOT_HwDeg_f32.value	-1440.10999
target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	target_VehDyn_Per1_CwEOT_HwDeg_f32.value	360
target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	target_VehDyn_Per1_HwTorque_HwNm_f32.value	-10
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	target_VehDyn_Per1_MotorVelCRF_MtrRadpS_f32.value	-1350
target_VehDyn_Per1_TorqueCmdCRF_MtrNm_f32.value	target_VehDyn_Per1_RelHwPos_HwDeg_f32.value	-3200
target_VehDyn_Per1_VehicleSpeed_Kph_f32.value 0 Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 0 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 0 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt18V_HwDeg_str.SV_UIs_f32 -3200 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -3200 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -3200 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -3200 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0		-8.80000019
Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 0 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 0 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt18V_HwDeg_str.SV_UIs_f32 -3200 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -3200 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Filter2_m3_u32 0 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 0 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -3200 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -3200 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0		0
Name Expected Value VehDyn_AllowHiSpdAutoCntr_Cnt_M_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Timer1_mS_u32 0 VehDyn_AutoCntrDetSpd_M_str.Timer2_mS_u32 0 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -3200 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -3200 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 0 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 0 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -3200 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -3200 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -3200 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0		
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VehDyn_AutoCntrDetSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -3200 ± 0.009 VehDyn_AutoCntrDetSpd_M_str.Filter1Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 0 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 0 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -3200 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -3200 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0		
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VehDyn_AutoCntrDetSpd_M_str.Filter2Enable_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 0 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 0 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -3200 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -3200 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0		
VehDyn_AutoCntrDetSpd_M_str.Filter1Initialized_Cnt_lgc 0 VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 0 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 0 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -3200 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -3200 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0		
VehDyn_AutoCntrDetSpd_M_str.Filter2Initialized_Cnt_lgc 0 VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 0 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 0 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -3200 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -3200 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0		
VehDyn_AutoCntrHiSpd_M_str.Timer1_mS_u32 0 VehDyn_AutoCntrHiSpd_M_str.Timer2_mS_u32 0 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_UIs_f32 -3200 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_UIs_f32 -3200 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0		
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VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32 -3200 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -3200 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0		
VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32 -3200 ± 0.009 VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0		
VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc 0	VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200 ± 0.009
	VehDyn_AutoCntrHiSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200 ± 0.009
VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc 0	VehDyn_AutoCntrHiSpd_M_str.Filter1Enable_Cnt_lgc	0
	VehDyn_AutoCntrHiSpd_M_str.Filter2Enable_Cnt_lgc	0

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Name	Expected Value
VehDyn_AutoCntrHiSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrHiSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Timer1_mS_u32	0
VehDyn_AutoCntrLoSpd_M_str.Timer2_mS_u32	0
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt1SV_HwDeg_str.SV_Uls_f32	-3200 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.RelHwPosFilt2SV_HwDeg_str.SV_Uls_f32	-3200 ± 0.009
VehDyn_AutoCntrLoSpd_M_str.Filter1Enable_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Enable_Cnt_lgc	1
VehDyn_AutoCntrLoSpd_M_str.Filter1Initialized_Cnt_lgc	0
VehDyn_AutoCntrLoSpd_M_str.Filter2Initialized_Cnt_lgc	0
VehDyn_HiSpdLearnt_Cnt_M_lgc	0
VehDyn_Initialize_Cnt_M_lgc	1
VehDyn_LoSpdLearnt_Cnt_M_lgc	1
VehDyn_MaxOffset_HwDeg_M_f32	360
VehDyn_MinOffset_HwDeg_M_f32	-1440.10999
VehDyn_PinTrqSV_M_str.SV_UIs_f32	-18.7999992 ± 0.00009
target_VehDyn_Per1_SensorlessAuthority_Uls_f32.value	0 ± 0.004
target_VehDyn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600 ± 0.1

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Expected Function	Count
Rte_Call_VehDyn_Per1_CP0_CheckpointReached	1
Autocenter_f32	1
GetSystemTime_mS_u32	2
Rte_Call_VehDyn_Per1_CP1_CheckpointReached	1