Report Generated by Test Manager

Title: **Branch: 28-hexarotor-UTs-optimWIP**
Author: **Previous Commit Hash: 568728229669cb**
0019de50f947fc78007f5c2cc9
Date: **22-Oct-2025 18:58:45**

Test Environment

Platform: PCWIN64
MATLAB: (R2024a)

Summary - failed test results only

Name	Outcome	Duration (Seconds)
Results: 2025-Oct-22 18:58:04	10 ✅ 2 ❌	37.714
⊟ hexarotor	4 ✅ 1 ❌	11.579
🗀 Vehicle Tests	4 ✅ 1 ❌	11.578
📄 hexMotorModel	❌	0.897
⊟ sensors	3 ✅ 1 ❌	9.789
🗀 Sensor Tests	3 ✅ 1 ❌	9.79
📄 sensors	❌	4.481
⊡ Iteration1	❌	4.48

Results: 2025-Oct-22 18:58:04

Result Type: Result Set
Parent: None
Start Time: 22-Oct-2025 18:58:06
End Time: 22-Oct-2025 18:58:44
Outcome: Total: 12, Passed: 10, Failed: 2

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hexarotor

Test Result Information

Result Type: Test File Result
Parent: [Results: 2025-Oct-22 18:58:04](#)
Start Time: 22-Oct-2025 18:58:06
End Time: 22-Oct-2025 18:58:18
Outcome: Total: 5, Passed: 4, Failed: 1

Test Suite Information

Name: hexarotor

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Vehicle Tests

Test Result Information

Result Type: Test Suite Result
Parent: [hexarotor](#)
Start Time: 22-Oct-2025 18:58:06
End Time: 22-Oct-2025 18:58:18
Outcome: Total: 5, Passed: 4, Failed: 1

Test Suite Information

Name: Vehicle Tests

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hexMotorModel

Test Result Information

Result Type:	Test Case Result
Parent:	[Vehicle Tests](#)
Start Time:	22-Oct-2025 18:58:16
End Time:	22-Oct-2025 18:58:16
Outcome:	Failed
Cause of Failure:	Errors running test case

Test Case Information

Name:	hexMotorModel
Type:	Baseline Test

Simulation

System Under Test Information

Model:	hexMotorModel
Harness:	hexMotorModelTestHarness
Harness Owner:	hexMotorModel
Release:	Current
Simulation Mode:	normal
Override SIL or PIL Mode:	0
Configuration Set:	standardSILConfiguration
Test Sequence Block:	hexMotorModelTestHarness/Test Sequence
Test Sequence Scenario:	Scenario_1
Start Time:	0
Stop Time:	0

Simulation Logs:
No data is logged for the model 'hexMotorModelTestHarness'.

Simulation Error:

An error occurred ('Simulink:blocks:BlockConfiguredToExpectBus') when calling 'sim':

The Signal Conversion block 'hexMotorModelTestHarness/Input Conversion Subsystem/SigConv_6' cannot operate on a non-bus signal when it has been configured to expect a bus signal. Either create a bus signal by using a Bus Creator block or other bus capable block upstream, or set the Output parameter of the block to 'Signal copy' for non-bus signals.

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Test Logs:
No baseline criteria evaluation performed as no baseline data is available for this test.

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sensors

Test Result Information

Result Type:	Test File Result
Parent:	Results: 2025-Oct-22 18:58:04
Start Time:	22-Oct-2025 18:58:18
End Time:	22-Oct-2025 18:58:28
Outcome:	Total: 4, Passed: 3, Failed: 1

Test Suite Information

Name:	sensors

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Sensor Tests

Test Result Information

Result Type: Test Suite Result
Parent: sensors
Start Time: 22-Oct-2025 18:58:18
End Time: 22-Oct-2025 18:58:28
Outcome: Total: 4, Passed: 3, Failed: 1

Test Suite Information

Name: Sensor Tests

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sensors

Test Result Information

Result Type: Test Case Result
Parent: Sensor Tests
Start Time: 22-Oct-2025 18:58:24
End Time: 22-Oct-2025 18:58:28
Outcome: Failed
Cause of Failure: Test failed as iteration failed

Test Case Information

Name: sensors
Type: Baseline Test

Iteration1

Test Result Information

Result Type: Test Iteration Result
Parent: sensors
Start Time: 22-Oct-2025 18:58:24

End Time: 22-Oct-2025 18:58:28
Outcome: Failed
Cause of Failure: Errors running test case

Test Case Information

Name: Iteration1
Type: Baseline Test

Iteration Settings

Test Overrides

Parameter Name	Value
TestSequenceScenario	Scenario_1

Simulation

System Under Test Information

Model: sensors
Harness: sensorsTestHarness
Harness Owner: sensors
Release: Current
Simulation Mode: normal
Override SIL or PIL Mode: 0
Configuration Set: standardSILConfiguration
Test Sequence Block: sensorsTestHarness/Test Sequence
Test Sequence Scenario: Scenario_1
Start Time: 0
Stop Time: 0

Simulation Logs:
No data is logged for the model 'sensorsTestHarness'.

Simulation Error:

An error occurred ('Stateflow:translate:SFcnErrorStatus') when calling 'sim':

Errors occurred during parsing of ['Initialize'](#).

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Test Logs:
No baseline criteria evaluation performed as no baseline data is available for this test.

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