Report Generated by Test Manager

Title:	**Branch: 28-hexarotor-UTs-optimWIP**
Author:	**Previous Commit Hash: 6dffa6b9f812a51 ec0d197379c522a2ae292628c**
Date:	**19-Oct-2025 14:19:42**

Test Environment

Platform:	PCWIN64
MATLAB:	(R2024a)

Summary - failed test results only

Name	Outcome	Duration (Seconds)
Results: 2025-Oct-19 14:19:25	7 ✅ 5 ❌	14.955
⊟ hexarotor	5 ❌	1.036
🗀 Vehicle Tests	5 ❌	1.036
📄 hexAero	❌	0
📄 hexAddFM	❌	0
📄 hexGroundContact	❌	0
📄 hexMotorModel	❌	0
📄 hexAeroCoefficientsModel	❌	0

Results: 2025-Oct-19 14:19:25

Result Type: Result Set
Parent: None
Start Time: 19-Oct-2025 14:19:27
End Time: 19-Oct-2025 14:19:42
Outcome: Total: 12, Passed: 7, Failed: 5

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hexarotor

Test Result Information

Result Type: Test File Result
Parent: [Results: 2025-Oct-19 14:19:25](#)
Start Time: 19-Oct-2025 14:19:27
End Time: 19-Oct-2025 14:19:28
Outcome: Total: 5, Failed: 5

Test Suite Information

Name: hexarotor

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Vehicle Tests

Test Result Information

Result Type: Test Suite Result
Parent: [hexarotor](#)
Start Time: 19-Oct-2025 14:19:27
End Time: 19-Oct-2025 14:19:28
Outcome: Total: 5, Failed: 5

Test Suite Information

Name: Vehicle Tests

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hexAero

Test Result Information

Result Type:	Test Case Result
Parent:	[Vehicle Tests](#)
Start Time:	19-Oct-2025 14:19:27
End Time:	19-Oct-2025 14:19:27
Outcome:	Failed
Cause of Failure:	Errors running test case

Test Case Information

Name:	hexAero
Type:	Baseline Test

Simulation

System Under Test Information

Model:	hexAero
Harness:	hexAeroTestHarness
Harness Owner:	hexAero
Release:	Current
Simulation Mode:	normal
Override SIL or PIL Mode:	0
Start Time:	0
Stop Time:	0

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

Simulation Error:
An error occurred ('MATLAB:minrhs') when calling 'sim':

Not enough input arguments.

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

hexAddFM

Test Result Information

Result Type: Test Case Result
Parent: [Vehicle Tests](#)
Start Time: 19-Oct-2025 14:19:27
End Time: 19-Oct-2025 14:19:27
Outcome: Failed
Cause of Failure: Errors running test case

Test Case Information

Name: hexAddFM
Type: Baseline Test

Simulation

System Under Test Information

Model: hexAddFm
Harness: hexAddFmTestHarness
Harness Owner: hexAddFm
Release: Current
Simulation Mode: normal
Override SIL or PIL Mode: 0
Start Time: 0

Stop Time: 0

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

Simulation Error:
An error occurred ('MATLAB:minrhs') when calling 'sim':

Not enough input arguments.

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

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hexGroundContact

Test Result Information

Result Type:	Test Case Result
Parent:	Vehicle Tests
Start Time:	19-Oct-2025 14:19:27
End Time:	19-Oct-2025 14:19:27
Outcome:	Failed
Cause of Failure:	Errors running test case

Test Case Information

Name: hexGroundContact
Type: Baseline Test

Simulation

System Under Test Information

Model: hexGroundContact
Harness: hexGroundContactTestHarness
Harness Owner: hexGroundContact
Release: Current
Simulation Mode: normal
Override SIL or PIL Mode: 0
Start Time: 0
Stop Time: 0

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

Simulation Error:
An error occurred ('MATLAB:minrhs') when calling 'sim':

Not enough input arguments.

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

hexMotorModel

Test Result Information

Result Type:	Test Case Result
Parent:	[Vehicle Tests](#)
Start Time:	19-Oct-2025 14:19:28
End Time:	19-Oct-2025 14:19:28
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
Start Time:	0
Stop Time:	0

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

Simulation Error:
An error occurred ('MATLAB:minrhs') when calling 'sim':

Not enough input arguments.

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

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hexAeroCoefficientsModel

Test Result Information

Result Type: Test Case Result
Parent: [Vehicle Tests](#)
Start Time: 19-Oct-2025 14:19:28
End Time: 19-Oct-2025 14:19:28
Outcome: Failed
Cause of Failure: Errors running test case

Test Case Information

Name: hexAeroCoefficientsModel
Type: Baseline Test

Simulation

System Under Test Information

Model: hexAeroCoefficientsModel
Harness: hexAeroCoefficientsModelTestHarness
Harness Owner: hexAeroCoefficientsModel
Release: Current

Simulation Mode: normal
Override SIL or PIL Mode: 0
Start Time: 0
Stop Time: 0

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

Simulation Error:
An error occurred ('MATLAB:minrhs') when calling 'sim':

Not enough input arguments.

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

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