

A FACTUAL REPORT FROM MERCURY MARINE
Boat House Bulletin Review

ENGINE:
50 hp EFI FourStroke

BOAT:
Crestliner - 1600 Storm

PROP:
SpitFire®

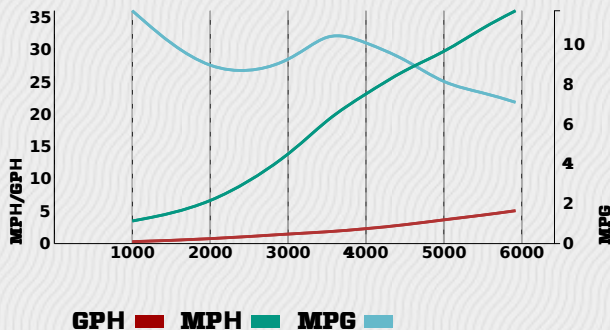


PERFORMANCE SUMMARY

Best Fuel Economy (MPG@RPM)	10.8 @ 3500
Top Speed (MPH@RPM)	36.1 @ 5920
Acceleration 0 - 20 MPH (seconds)	7.0
Acceleration 0 - 30 MPH (seconds)	10.2

RPM Range	Speed (MPH / kts)	Fuel (GPH)	Fuel (MPG)
1000	3.5 / 3.0	0.3	11.7
2000	5.8 / 5.0	0.7	8.3
3000	13.4 / 11.6	1.5	8.9
3500	19.4 / 16.9	1.8	10.8
4000	23.2 / 20.2	2.3	10.1
4500	27.0 / 23.5	2.9	9.3
5000	29.6 / 25.7	3.7	8.0
5500	33.5 / 29.1	4.4	7.6
5920	36.1 / 31.4	5.1	7.1

PERFORMANCE CURVE



TEST CONDITIONS

Test Date	2015-04-27
Test Conductor	BC
Elevation	915 ft
Air Temperature	61 °F
Wind Velocity	10 MPH 9 kts
Water Type	Fresh

ENGINE SPECIFICATIONS

Engine	50 hp EFI FourStroke
HP / kW	50 / 37
Engine type	Inline 4
Gearcase ratio	1.83:1

BOAT SPECIFICATIONS

Manufacturer	Crestliner
Website	http://www.crestliner.com/
Boat Model	1600 Storm
Boat Type	Multi-species
Material	Aluminum
Length	16 ft
Beam	6 ft 3 in
Max HP Capacity	50
Steering Type	Cable
Dry Boat Weight	610 pounds
Mounting Bolt Hole	3

PROPELLER SPECIFICATIONS

Part Number	8M8026630
Mercury Name	SpitFire®
Pitch	13.0

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