

A FACTUAL REPORT FROM MERCURY MARINE
Boat House Bulletin Review

ENGINE:
40 hp EFI FourStroke

BOAT:
Crestliner - 1450 Discovery T

PROP:
SpitFire®

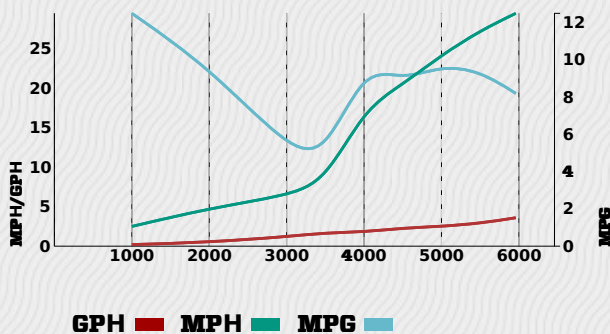


PERFORMANCE SUMMARY

Best Fuel Economy (MPG@RPM)	9.7 @ 5000
Top Speed (MPH@RPM)	29.5 @ 5960
Acceleration 0 - 20 MPH (seconds)	8.2

RPM Range	Speed (MPH / kts)	Fuel (GPH)	Fuel (MPG)
1000	2.5 / 2.2	0.2	12.5
2000	4.8 / 4.2	0.5	9.6
3000	6.4 / 5.6	1.2	5.3
3500	8.2 / 7.1	1.7	4.8
4000	17.4 / 15.1	1.8	9.7
4500	20.5 / 17.8	2.3	8.9
5000	24.2 / 21.0	2.5	9.7
5500	27.3 / 23.7	2.9	9.4
5960	29.5 / 25.6	3.6	8.2

PERFORMANCE CURVE



TEST CONDITIONS

Test Date	2015-06-10
Test Conductor	KB / SM
Air Temperature	65 °F
Wind Velocity	15 MPH 13 kts
Water Type	Fresh
Fuel Level at Testing	6 gallons

ENGINE SPECIFICATIONS

Engine	40 hp EFI FourStroke
HP / kW	40 / 30
Engine type	Inline 3
Gearcase ratio	2.00:1

BOAT SPECIFICATIONS

Manufacturer	Crestliner
Website	http://www.crestliner.com/
Boat Model	1450 Discovery T
Boat Type	Vee
Material	Aluminum
Length	14 ft 9 in
Beam	6 ft 3.5 in
Max HP Capacity	40
Steering Type	Tiller
Dry Boat Weight	755 pounds
Mounting Bolt Hole	2

PROPELLER SPECIFICATIONS

Part Number	8M8026625
Mercury Name	SpitFire®
Pitch	12.0

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