

A FACTUAL REPORT FROM MERCURY MARINE
Boat House Bulletin Review

ENGINE:
115 hp FourStroke

BOAT:
Crestliner - 1700 Vision

PROP:
SpitFire®

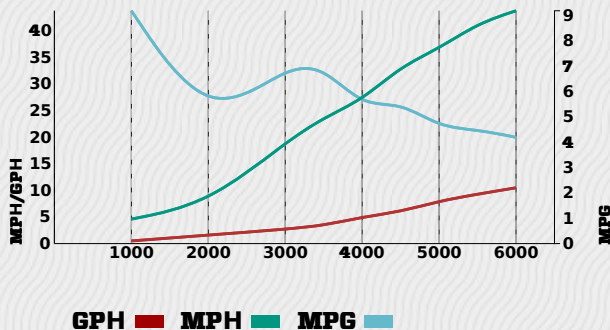


PERFORMANCE SUMMARY

Best Fuel Economy (MPG@RPM)	7.0 @ 3500
Top Speed (MPH@RPM)	43.8 @ 6000
Acceleration 0 - 20 MPH (seconds)	3.9
Acceleration 0 - 30 MPH (seconds)	6.0

RPM Range	Speed (MPH / kts)	Fuel (GPH)	Fuel (MPG)
1000	4.6 / 4.0	0.5	9.2
2000	7.5 / 6.5	1.6	4.7
3000	19.0 / 16.5	2.7	7.0
3500	23.7 / 20.6	3.4	7.0
4000	27.0 / 23.5	5.0	5.4
4500	33.3 / 28.9	6.0	5.6
5000	36.7 / 31.9	8.0	4.6
5500	41.4 / 36.0	9.3	4.5
6000	43.8 / 38.1	10.5	4.2

PERFORMANCE CURVE



TEST CONDITIONS

Test Date	2015-06-08
Test Conductor	JN / KB
Elevation	1311 ft
Air Temperature	80 °F
Wind Velocity	10 MPH 9 kts
Water Type	Fresh
Fuel Level at Testing	20 gallons

ENGINE SPECIFICATIONS

Engine	115 hp FourStroke
HP / kW	115 / 84.6
Engine type	Inline 4
Gearcase ratio	2.07:1

BOAT SPECIFICATIONS

Manufacturer	Crestliner
Website	http://www.crestliner.com/
Boat Model	1700 Vision
Boat Type	Deep V / Multi-species
Material	Aluminum
Length	17 ft 4 in
Beam	7 ft 4 in
Max HP Capacity	115
Fuel Tank Capacity	20.0 gallons
Steering Type	NFB Single Cable
Dry Boat Weight	1190 pounds
Mounting Bolt Hole	1

PROPELLER SPECIFICATIONS

Part Number	8M8026590
Mercury Name	SpitFire®
Pitch	17.0

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ENGINE:
Single 90 hp FourStroke

BOAT:
Crestliner - 1700 Vision

PROP:
SpitFire®



TEST CONDITIONS

Test Date	2017-06-16
Test Conductor	Crestliner
Elevation	1311 ft
Sea State	Slight
Air Temperature	60 °F
Wind Velocity	5 MPH 4 kts
Water Type	Fresh
Fuel Level at Testing	10 gallons
Boat Weight as Tested	1950 lbs

ENGINE SPECIFICATIONS

Number of Engines	Single
Engine	90 hp FourStroke
HP / kW	90 / 67
Engine type	8-valve single overhead cam (SOHC) Inline 4
Gearcase ratio	2.07:1

BOAT SPECIFICATIONS

Manufacturer	Crestliner
Website	http://www.crestliner.com/
Boat Model	1700 Vision
Boat Type	Aluminum - console
Material	Aluminum
Length	17 ft 4 in
Beam	7 ft 4 in
Max HP Capacity	115
Fuel Tank Capacity	20.0 gallons
Steering Type	No Feedback
Dry Boat Weight	1190 pounds
Mounting Bolt Hole	2

PROPELLER SPECIFICATIONS

Part Number	8M8026580
Mercury Name	SpitFire®
Material	Mercalloy
Diameter / Pitch	13.4 / 15.0
Number of Blades	4



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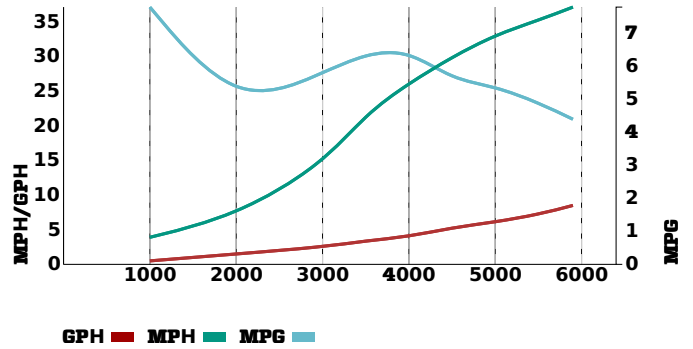


PERFORMANCE SUMMARY

Best Fuel Economy (MPG@RPM)	6.5 @ 4000
Top Speed (MPH@RPM)	37.1 @ 5900
Acceleration 0 - 20 MPH (seconds)	4.6
Acceleration 0 - 30 MPH (seconds)	7.2

RPM Range	Speed (MPH)	Fuel (GPH)	Fuel (MPG)	Range (miles)	Sound (dBA)
1000	3.9	0.5	7.8	-	-
2000	7.0	1.5	4.7	-	-
3000	14.4	2.5	5.8	-	-
3500	21.7	3.4	6.4	-	-
4000	26.1	4.0	6.5	-	-
4500	29.9	5.3	5.6	-	-
5000	33.1	6.1	5.4	-	-
5500	35.2	7.2	4.9	-	-
5900	37.1	8.5	4.4	-	-

PERFORMANCE CURVE



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