



**ENGINE:**  
**Single 90 hp FourStroke**

**BOAT:**  
**Crestliner - 1650 Fish Hawk WT**

**PROP:**  
**SpitFire®**



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#### TEST CONDITIONS

Test Date	2016-06-13
Test Conductor	JN / KB
Elevation	1330 ft
Sea State	Slight
Air Temperature	75 °F
Wind Velocity	5 - 10 MPH 4 - 9 kts
Water Type	Fresh
Fuel Level at Testing	9 gallons
Boat Weight as Tested	1601 lbs

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#### 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

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#### BOAT SPECIFICATIONS

Manufacturer	Crestliner
Website	<a href="http://www.crestliner.com/">http://www.crestliner.com/</a>
Boat Model	1650 Fish Hawk WT
Boat Type	Aluminum - console
Material	Aluminum
Length	16 ft 8 in
Beam	7 ft 1.75 in
Max HP Capacity	90
Fuel Tank Capacity	20.0 gallons
Steering Type	Cable
Dry Boat Weight	1060 pounds
Mounting Bolt Hole	2

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#### 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)	<b>7.2 @ 3500</b>
Top Speed (MPH@RPM)	<b>38.2 @ 5850</b>
Acceleration 0 - 20 MPH (seconds)	<b>4.5</b>
Acceleration 0 - 30 MPH (seconds)	<b>6.7</b>

RPM Range	Speed (MPH)	Fuel (GPH)	Fuel (MPG)	Range (miles)	Sound (dBA)
1000	4.0	0.5	8.0	-	-
2000	6.6	1.4	4.7	-	-
3000	13.9	2.7	5.1	-	-
3500	21.7	3.0	7.2	-	-
4000	25.8	3.7	7.0	-	-
4500	30.0	5.1	5.9	-	-
5000	33.4	5.8	5.8	-	-
5500	35.8	7.0	5.1	-	-
5850	38.2	8.4	4.5	-	-

**PERFORMANCE CURVE**

