

BOAT HOUSE BULLETIN®



A Factual Report from Mercury Marine

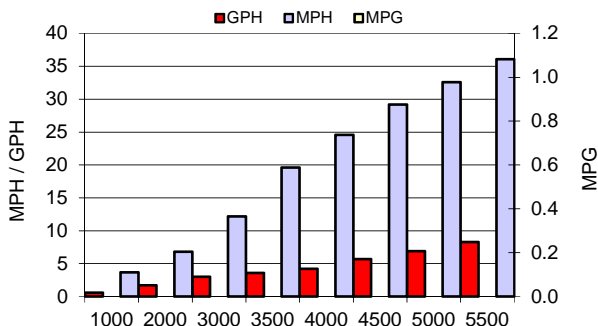
TEST CONDITIONS

Test Date	6/13/2019
Test Conductors	Kenny/Dale
Boat Weight as Tested (pounds)	2298
Air Temperature (degrees Fahrenheit)	55
Elevation (feet)	1330
Wind Velocity (MPH)	5
Fresh/Salt Water	Fresh
Fuel Level at Testing (gallons)	15

PERFORMANCE SUMMARY

Top Speed (MPH @ RPM)	37.3@5860
Acceleration 0 - 20 MPH (Seconds)	4.9
Acceleration 0 - 30 MPH (Seconds)	7.3
Best Fuel Efficiency (MPG @ MPH)	

PERFORMANCE CURVE



PERFORMANCE DATA

RPM	SPEED	FUEL	FUEL
RANGE	MPH	GPH	MPG
1000	3.7	0.6	
2000	6.8	1.7	
3000	12.2	3.0	
3500	19.6	3.6	
4000	24.6	4.2	
4500	29.2	5.7	
5000	32.6	6.9	
5500	36.1	8.3	
5860	37.3	8.5	

ENGINE SPECIFICATIONS

Engine	4 ST
Horsepower	90
Cylinders	4
Gear Ratio	2.07
Model Number	

BOAT SPECIFICATIONS

Crestliner	
Manufacturer	Crestliner
Website	
Boat Model	1650 Super Hawk
Bottom Style/Paint	
Material	Aluminum
Length	16'9"
Beam	86.5"
Transom Height (inches)	25
Transom Angle (degrees)	14
Max HP Capacity	115
Fuel Tank Capacity (gallons)	20
Steering Type	NFB
Dry Boat Weight (pounds)	1230
Mounting Bolt Hole (outboard)	2

PROPELLER SPECIFICATIONS

Part Number (RightHand)	
Part Number (Left Hand)	
Mercury Name	Spitfire
Material	Aluminum
Diameter/Pitch	14.3x15
Number of Blades	4
M/C Bravo Three Propeller	
Part Number (Forward)	
Part Number (Rear)	

MERCURY MARINE PO BOX 1939 FOND DU LAC, WISCONSIN 54936-1939

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800-MERCURY MERCURYMARINE.COM

This data is internal to Brunswick.



ENGINE:
Single 115 hp Pro XS®

BOAT:
Crestliner - 1650 Super Hawk

PROP:
SpitFire®



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	20 gallons
Boat Weight as Tested	1615 lbs

ENGINE SPECIFICATIONS

Number of Engines	Single
Engine	115 hp Pro XS®
HP / kW	115 / 86
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	1650 Super Hawk
Boat Type	Aluminum - console
Material	Aluminum
Length	16 ft 9 in
Beam	7 ft 2.5 in
Max HP Capacity	115
Fuel Tank Capacity	20.0 gallons
Steering Type	Cable
Dry Boat Weight	1230 pounds
Mounting Bolt Hole	1

PROPELLER SPECIFICATIONS

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



ENGINE:
Single 115 hp Pro XS®

BOAT:
Crestliner - 1650 Super Hawk

PROP:
SpitFire®



PERFORMANCE SUMMARY

Best Fuel Economy (MPG@RPM)	7.1 @ 3500
Top Speed (MPH@RPM)	40.6 @ 6300
Acceleration 0 - 20 MPH (seconds)	3.9
Acceleration 0 - 30 MPH (seconds)	6.3

RPM Range	Speed (MPH)	Fuel (GPH)	Fuel (MPG)	Range (miles)	Sound (dBA)
1000	3.9	0.5	7.8	-	-
2000	7.0	1.4	5.0	-	-
3000	15.6	2.5	6.2	-	-
3500	21.3	3.0	7.1	-	-
4000	25.6	4.3	6.0	-	-
4500	28.7	5.4	5.3	-	-
5000	32.6	6.3	5.2	-	-
5500	35.5	7.4	4.8	-	-
6000	39.2	9.8	4.0	-	-
6300	40.6	11.7	3.5	-	-

PERFORMANCE CURVE

