

# BOAT HOUSE BULLETIN®



A Factual Report from Mercury Marine

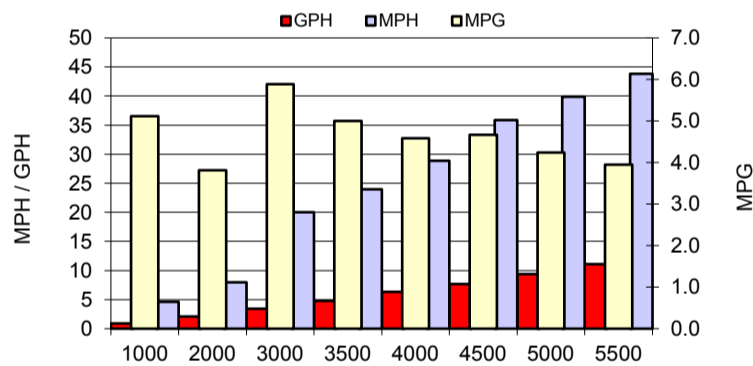
## TEST CONDITIONS

Test Date	6/12/2018
Test Conductor	JN/
Boat Weight as Tested (lbs)	2465
Air Temperature (degrees F)	80
Elevation (ft)	1332
Sea State (calm / smooth / slight / moderate)	Moderate
Wind Velocity range (mph)	10
Fresh/Salt Water	Fresh
Fuel Level at Testing (gal)	20

## PERFORMANCE SUMMARY

Top Speed (mph @ rpm)	<a href="#">48@6000</a>
Acceleration 0 - 20 mph (seconds)	3.4
Acceleration 0 - 30 mph (seconds)	5.5
Best Fuel Economy (mpg @ rpm)	<a href="#">5.9@3000</a>

## PERFORMANCE CURVE



## PERFORMANCE DATA

RPM	SPEED	FUEL CONSUMPTION	FUEL CONSUMPTION	RANGE	SOUND
RANGE	MPH	GPH	MPG	MILES	dB-A
1000	4.6	0.9	5.1		
2000	8	2.1	3.8		
3000	20	3.4	5.9		
3500	24	4.8	5.0		
4000	28.9	6.3	4.6		
4500	35.9	7.7	4.7		
5000	39.9	9.4	4.2		
5500	43.8	11.1	3.9		
6000	48	13.7	3.5		
Top RPM					

## ENGINE SPECIFICATIONS

Number of Engines	1
Engine	ProXS
Horsepower	150
Cylinders	6
Drive or gear model and ratio	2.08

## BOAT SPECIFICATIONS

Region/s sold	
Manufacturer	Crestliner
Website	Crestliner.com
Boat Model	1750 Super Hawk
Boat Type	Aluminum - console
Material	Aluminum
Length (in)	17'9"
Beam (in)	94"
Max hp Capacity	175
Fuel Tank Capacity (gal)	28
Steering Type	Hydraulic
Dry Boat Weight (lbs)	1450
Mounting Bolt Hole (outboard)	2

## PROPELLER SPECIFICATIONS

Part Number	825860A47
Part Number	
Part Number	
Part Number	
Mercury Name	Tempest
Material	Stainless
Diameter/Pitch	14.625x 19
Number of Blades	3

**A FACTUAL REPORT FROM MERCURY MARINE  
Boat House Bulletin Review**

**ENGINE:**  
**150 hp FourStroke**

**BOAT:**  
**Crestliner - 1750 Super Hawk**

**PROP:**  
**Black Max®**

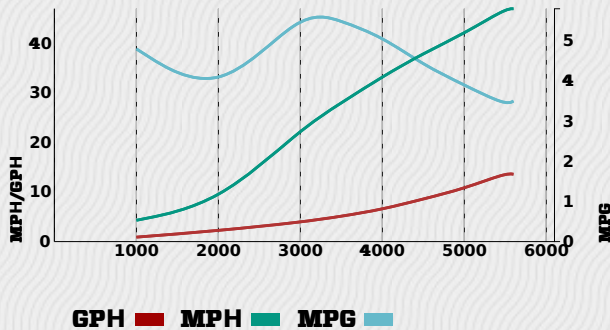


**PERFORMANCE SUMMARY**

Best Fuel Economy (MPG@RPM)	<b>5.8 @ 3000</b>
Top Speed (MPH@RPM)	<b>47.0 @ 5600</b>
Acceleration 0 - 20 MPH (seconds)	<b>3.6</b>
Acceleration 0 - 30 MPH (seconds)	<b>5.5</b>

RPM Range	Speed (MPH / kts)	Fuel (GPH)	Fuel (MPG)
1000	4.3 / 3.7	0.9	4.8
2000	7.6 / 6.6	2.2	3.5
3000	22.7 / 19.7	3.9	5.8
3500	28.0 / 24.3	5.1	5.5
4000	33.3 / 28.9	6.5	5.1
4500	38.0 / 33.0	8.6	4.4
5000	42.0 / 36.5	10.7	3.9
5500	47.0 / 40.8	13.8	3.4
5600	47.0 / 40.8	13.6	3.5

**PERFORMANCE CURVE**



**TEST CONDITIONS**

Test Date	<b>2015-06-08</b>
Test Conductor	<b>JN / KB</b>
Elevation	<b>1311 ft</b>
Air Temperature	<b>80 °F</b>
Wind Velocity	<b>10 MPH 9 kts</b>
Water Type	<b>Fresh</b>
Fuel Level at Testing	<b>28 gallons</b>

**ENGINE SPECIFICATIONS**

Engine	<b>150 hp FourStroke</b>
HP / kW	<b>150 / 110</b>
Engine type	<b>Inline 4</b>
Gearcase ratio	<b>1.92:1</b>

**BOAT SPECIFICATIONS**

Manufacturer	<b>Crestliner</b>
Website	<b><a href="http://www.crestliner.com/">http://www.crestliner.com/</a></b>
Boat Model	<b>1750 Super Hawk</b>
Boat Type	<b>Aluminum - console</b>
Material	<b>Aluminum</b>
Length	<b>17 ft 9 in</b>
Beam	<b>7 ft 10 in</b>
Max HP Capacity	<b>175</b>
Fuel Tank Capacity	<b>28.0 gallons</b>
Steering Type	<b>Hydraulic</b>
Dry Boat Weight	<b>1450 pounds</b>
Mounting Bolt Hole	<b>2</b>

## PROPELLER SPECIFICATIONS

Part Number	<b>832830A45</b>
Mercury Name	<b>Black Max®</b>
Pitch	<b>19.0</b>

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**ENGINE:**  
**Single 115 hp Pro XS®**

**BOAT:**  
**Crestliner - 1750 Super Hawk**

**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	10 gallons
Boat Weight as Tested	1985 lbs

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#### 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

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#### BOAT SPECIFICATIONS

Manufacturer	Crestliner
Website	<a href="http://www.crestliner.com/">http://www.crestliner.com/</a>
Boat Model	1750 Super Hawk
Boat Type	Aluminum - console
Material	Aluminum
Length	17 ft 9 in
Beam	7 ft 10 in
Max HP Capacity	175
Fuel Tank Capacity	28.0 gallons
Steering Type	Cable
Dry Boat Weight	1450 pounds

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#### 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 - 1750 Super Hawk**

**PROP:**  
**SpitFire®**



**PERFORMANCE SUMMARY**

Best Fuel Economy (MPG@RPM)	<b>5.9 @ 3500</b>
Top Speed (MPH@RPM)	<b>40.6 @ 6300</b>
Acceleration 0 - 20 MPH (seconds)	<b>4.3</b>
Acceleration 0 - 30 MPH (seconds)	<b>7.3</b>

RPM Range	Speed (MPH)	Fuel (GPH)	Fuel (MPG)	Range (miles)	Sound (dBA)
1000	4.4	0.7	6.3	-	-
2000	6.7	1.2	5.6	-	-
3000	11.4	2.6	4.4	-	-
3500	19.0	3.2	5.9	-	-
4000	23.8	4.3	5.5	-	-
4500	27.8	6.2	4.5	-	-
5000	31.3	6.8	4.6	-	-
5500	35.3	8.4	4.2	-	-
6000	38.5	10.6	3.6	-	-
6300	40.6	11.9	3.4	-	-

**PERFORMANCE CURVE**

