

BOAT HOUSE BULLETIN®



A Factual Report from Mercury Marine

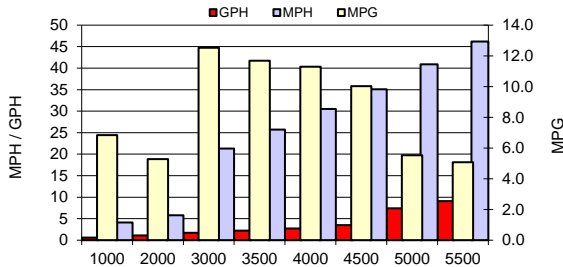
TEST CONDITIONS

Test Date	5/16/2018
Test Conductor	BC
Boat Weight as Tested (lbs)	2106 lbs.
Air Temperature (degrees F)	89
Elevation (ft)	937
Sea State (calm / smooth / slight / moderate)	Calm
Wind Velocity range (mph)	0-5
Fresh/Salt Water	Fresh
Fuel Level at Testing (gal)	Full

PERFORMANCE SUMMARY

Top Speed (mph @ rpm)	49.8 @ 6100
Acceleration 0 - 20 mph (seconds)	5.7
Acceleration 0 - 30 mph (seconds)	9
Best Fuel Economy (mpg @ rpm)	11.7 @ 3500 RPPM

PERFORMANCE CURVE



PERFORMANCE DATA

RPM	SPEED	FUEL CONSUMPTION	FUEL CONSUMPTION	RANGE	SOUND
RANGE	MPH	GPH	MPG	MILES	dB-A
1000	4.1	0.6	6.8		
2000	5.8	1.1	5.3		
3000	21.3	1.7	12.5		
3500	25.7	2.2	11.7		
4000	30.5	2.7	11.3		
4500	35.1	3.5	10.0		
5000	40.9	7.4	5.5		
5500	46.2	9.1	5.1		
6000	48.9	10.1	4.8		
Top RPM 6100	49.8	10.9	4.6		

ENGINE SPECIFICATIONS

Number of Engines	1
Engine	115 Pro XS
Horsepower	115
Cylinders	4
Drive or gear model and ratio	2.08:1

BOAT SPECIFICATIONS

Region/s sold	
Manufacturer	Crestliner
Website	www.crestliner.com
Boat Model	VT 18C
Boat Type	Aluminum - console
Material	Aluminum
Length (in)	18'5"
Beam (in)	92.25"
Max hp Capacity	115HP
Fuel Tank Capacity (gal)	21 Gallons
Steering Type	Hydraulic
Dry Boat Weight (lbs)	1126 lbs.
Mounting Bolt Hole (outboard)	2nd Hole

PROPELLER SPECIFICATIONS

Part Number	48-16990A46
Part Number	
Part Number	
Part Number	
Mercury Name	Laser II
Material	SS
Diameter/Pitch	13.25 x 20
Number of Blades	3

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

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ENGINE:
Single 90 hp FourStroke

BOAT:
Crestliner - VT 18 C

PROP:
SpitFire® X7



TEST CONDITIONS

Test Date	2016-05-09
Test Conductor	BC
Elevation	915 ft
Sea State	Smooth
Air Temperature	75 °F
Wind Velocity	5 - 10 MPH 4 - 9 kts
Water Type	Fresh
Fuel Level at Testing	21 gallons

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

PROPELLER SPECIFICATIONS

Part Number	8M0055550
Mercury Name	SpitFire® X7
Material	X7 Alloy
Diameter / Pitch	12.7 / 19.0
Number of Blades	4

BOAT SPECIFICATIONS

Manufacturer	Crestliner
Website	http://www.crestliner.com/
Boat Model	VT 18 C
Boat Type	Aluminum - console
Material	Aluminum
Length	18 ft 5 in
Beam	7 ft 8 in
Max HP Capacity	115
Fuel Tank Capacity	21.0 gallons
Steering Type	Cable
Dry Boat Weight	1126 pounds
Mounting Bolt Hole	2



ENGINE:
Single 90 hp FourStroke

BOAT:
Crestliner - VT 18 C

PROP:
SpitFire® X7



PERFORMANCE SUMMARY

Best Fuel Economy (MPG@RPM)	7.4 @ 3000
Top Speed (MPH@RPM)	42.3 @ 5400
Acceleration 0 - 20 MPH (seconds)	5.3
Acceleration 0 - 30 MPH (seconds)	7.4

RPM Range	Speed (MPH)	Fuel (GPH)	Fuel (MPG)	Range (miles)	Sound (dBA)
1000	4.5	0.6	7.5	-	-
2000	7.5	1.8	4.2	-	-
3000	20.8	2.8	7.4	-	-
3500	26.2	3.6	7.3	-	-
4000	32.1	5.3	6.1	-	-
4500	36.8	6.9	5.3	-	-
5000	41.8	8.1	5.2	-	-
5400	42.3	9.8	4.3	-	-

PERFORMANCE CURVE

