

XTREME BOATS

LIGHTER, STRONGER, FASTER
FOR THE HIGHEST PERFORMANCE

TOTAL PERFORMANCE REPORT

WWW.XTREMEBOATS.COM

850-547-9500

TEST DAY DATA

Test Date	Nov-12
Test Conductor(s)	BH/AF
Boat Weight As Tested	1455
Air Temperature	55F
Elevation	160
Wind Velocity	5
Fresh/Salt Water	Fresh
Weight of Persons during Test	325



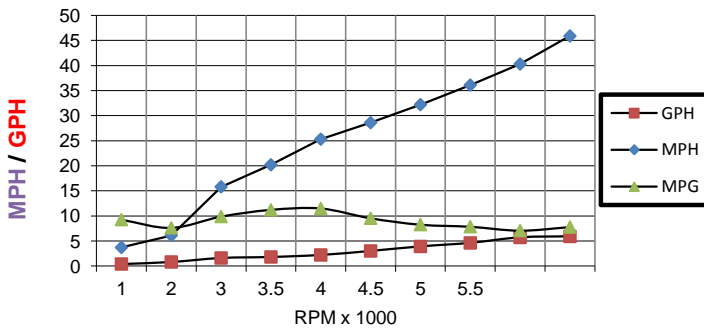
PERFORMANCE SUMMARY

Top Speed (MPH @ RPM)	45.9 @ 6300
Acceleration 0 - 20 MPH (Seconds)	6.3
Acceleration 0 - 30 MPH (Seconds)	9.6
Best Fuel Efficiency (MPG @ MPH)	11.5 @ 25.3 MPH

ENGINE SPECIFICATIONS

Engine	Mercury 60	ELPT
Horsepower	60	
Cylinders	4	
Gear Ratio	1.83	

PERFORMANCE CURVE



BOAT SPECIFICATIONS

Boat Model	Brute 1654 SC
Bottom Style	Modified V w Vented Keels
Material	Welded Aluminum
Length	16'0"
Beam	72"
Bottom Width	54"
Hull Bottom Thickness	0.125" Aluminum (1/8")
Max HP Capacity	60HP
Fuel Tank	Topside
Steering Type	Stick Steering
Dry Boat Weight	645
Transom Height	22"

PERFORMANCE DATA

RPM x 1000	SPEED MPH	FUEL GPH	FUEL MPG
1	3.7	0.4	9.3
2	6.1	0.8	7.6
3	15.8	1.6	9.9
3.5	20.2	1.8	11.2
4	25.3	2.2	11.5
4.5	28.6	3	9.5
5	32.2	3.9	8.3
5.5	36.1	4.6	7.8
6	40.3	5.7	7.1
6.3	45.9	5.9	7.8

PROPELLER SPECIFICATIONS

Brand	Mercury
Model	Vengeance
Material	SS
Diameter/Pitch	10.38/15
Number of Blades	3

Performance Calculations

Propeller Slippage at WOT	12.27%
Hull Factor (Efficiency)	202.89
Higher = More Efficient	

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Results on individual boats may vary depending on many factors, including weather and the condition of propeller, lower unit and boat bottom.

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