

XTREME BOATS

LIGHTER, STRONGER, FASTER
FOR THE HIGHEST PERFORMANCE

TOTAL PERFORMANCE REPORT

WWW.XTREMEBOATS.COM

850-547-9500

TEST DAY DATA

Test Date	Dec-12
Test Conductor(s)	BH
Boat Weight As Tested	1100
Air Temperature	48F
Elevation	160
Wind Velocity	18
Fresh/Salt Water	Fresh
Weight of Persons during Test	180



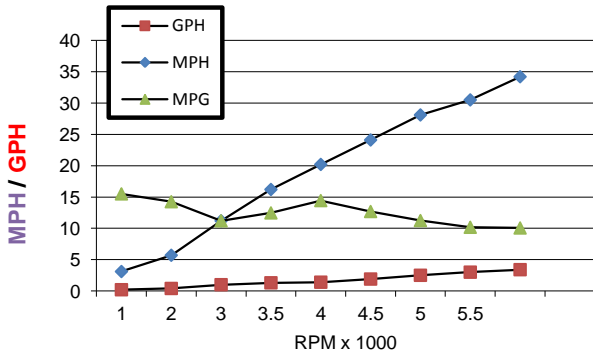
PERFORMANCE SUMMARY

Top Speed (MPH @ RPM)	34.2
Acceleration 0 - 10 MPH (Seconds)	N/A
Acceleration 0 - 20 MPH (Seconds)	N/A
Best Fuel Efficiency (MPG @ MPH)	14.4 @ 20.2 MPH

ENGINE SPECIFICATIONS

Engine	Mercury 40	ELPT
Horsepower	40	
Cylinders	3	
Gear Ratio	2.00	

PERFORMANCE CURVE



PERFORMANCE DATA

RPM x 1000	SPEED MPH	FUEL GPH	FUEL MPG
1	3.1	0.2	15.5
2	5.7	0.4	14.3
3	11.2	1	11.2
3.5	16.2	1.3	12.5
4	20.2	1.4	14.4
4.5	24.1	1.9	12.7
5	28.1	2.5	11.2
5.5	30.5	3	10.2
6	34.2	3.4	10.1

BOAT SPECIFICATIONS

Boat Model	Brute 1454 SS
Bottom Style	Modified V w Vented Keels
Material	Welded Aluminum
Length	14'0"
Beam	70"
Bottom Width	54"
Hull Bottom Thickness	0.125" Aluminum (1/8")
Max HP Capacity	40 HP
Fuel Tank	Topside
Steering Type	Stick Steering
Dry Boat Weight	495
Transom Height	22"

PROPELLER SPECIFICATIONS

Brand	Mercury
Model	Vengeance
Material	SS
Diameter/Pitch	10.38/13
Number of Blades	3

Performance Calculations

Propeller Slippage at WOT	8.01%
Hull Factor (Efficiency)	178.94
Higher = More Efficient	

Xtreme Industries 1326 Old Ridge Road Bonifay, FL 32425

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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