XTREME BOATS

TOTAL PERFORMANCE REPORT

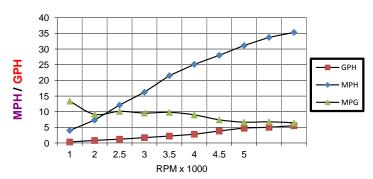
LIGHTER, STRONGER, FASTER FOR THE HIGHEST PERFORMANCE

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TEST DAY DATA	
Test Date	Oct-14
Test Conductor(s)	BSH
Boat Weight As Tested	1395
Air Temperature	66F
Elevation	160
Wind Velocity	8MPH
Fresh/Salt Water	Fresh
Weight of Persons during Test	190 (1 Person)

PERFORMANCE SUMMARY	
Top Speed (MPH @ RPM)	35.3
Acceleration 0 - 10 MPH (Seconds)	N/T
Acceleration 0 - 20 MPH (Seconds)	N/T
Best Fuel Efficiency (MPG @ MPH)	10.0 @ 12.1MPH

PERFORMANCE CURVE



PERFORMANCE DA	TA		
RPM	SPEED	FUEL	FUEL
x 1000	MPH	GPH	MPG
1	4	0.3	13.3
2	7.3	8.0	9.1
2.5	12.1	1.2	10.1
3	16.2	1.7	9.5
3.5	21.5	2.2	9.8
4	25.1	2.8	9.0
4.5	28	3.8	7.4
5	31.1	4.7	6.6
5.5	33.7	5	6.7
6	35.3	5.5	6.4
Plane @ 2,500 RPM	•	•	

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ENGINE SPECIFICATIONS		
Engine	Mercury 60	ELPT
Horsepower	60	
Cylinders	4	
Gear Ratio	1.83	

BOAT SPECIFICATIONS	
Boat Model	River Skiff 1660 SST
Bottom Style	Flat w Prop Tunnel
Material	Welded Aluminum
Length	16'4"
Beam	88"
Bottom Width	60"
Hull Bottom Thickness	0.190" (3/16")
Max HP Capacity	60 HP
Fuel Tank	Topside
Steering Type	Stick Steering
Dry Boat Weight	725
Transom Height	28"

PROPELLER SPECIFICATIONS	
Brand	PowerTech
Model	SWC
Material	Stainless
Diameter/Pitch	10.25/13
Number of Blades	3

Performance Calculations	
Propeller Slippage at WOT	12.50%
Hull Factor (Efficiency)	170.1
Higher = More Efficient	

Specialty Hull Notes	
Maximum Lift at WOT	Cav. Plate 5" Above Tunnel
Maximum Lift for Planing	Cav. Plate 3" Above Tunnel

Xtreme Industries 1326 Old Ridge Road Bonifay, FL 32425