

A Factual Report from Mercury Marine

TEST CONDITIONS

Test Date	2/20/17
Test Conductor	Joe Himmelspach
Boat Weight as Tested (lbs)	2,700
Air Temperature (degrees F)	80F
Elevation (ft)	sea level
Sea State (calm / smooth / slight / moderate)	Moderate 12"-18"
Wind Velocity range (mph)	15mph
Fresh/Salt Water	salt
Fuel Level at Testing (gal)	45

ENGINE SPECIFICATIONS

Number of Engines	1
Engine	250 Verado
Horsepower	250
Cylinders	6
Drive or gear model and ratio	1.85:1

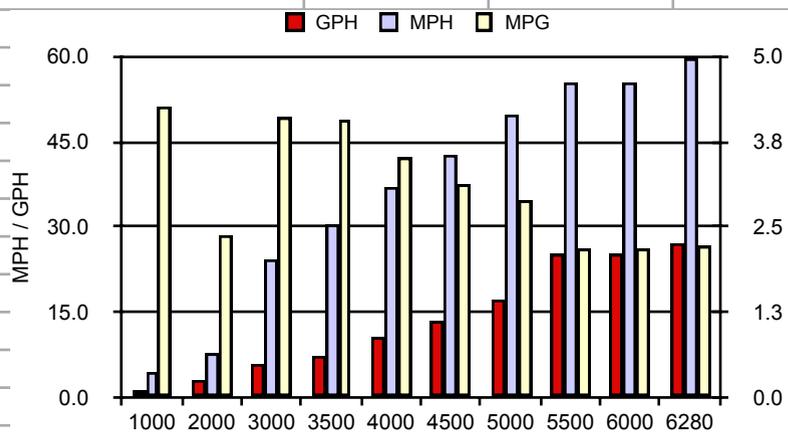
PERFORMANCE SUMMARY

Top Speed (mph @ rpm)	60.0mph @ 6280rpm
Acceleration 0 - 20 mph (seconds)	2.1
Acceleration 0 - 30 mph (seconds)	5.1
Best Fuel Economy (mpg @ rpm)	4.1mpg @ 3000rpm

BOAT SPECIFICATIONS

Region/s sold	USA
Manufacturer	Zodiac
Website	zodiac-nautic.com
Boat Model	Pro 7
Boat Type	RIB
Material	Fiberglass Inflatable
Length (ft)	22'1"
Beam (ft)	8'3"
Max hp Capacity	250
Fuel Tank Capacity (gal)	54
Steering Type	Hydraulic Power Assist
Dry Boat Weight (lbs)	2000
Mounting Hole	4

PERFORMANCE CURVE



PROPELLER SPECIFICATIONS

Part Number	48-899002A46 RH
Part Number	
Part Number	
Part Number	
Mercury Name	Enertia
Material	Stainless Steel
Diameter/Pitch	13.8" / 21"P
Number of Blades	3

PERFORMANCE DATA

RPM	SPEED	FUEL CONSUMPTION	FUEL CONSUMPTION	RANGE	SOUND
RANGE	MPH	GPH	MPG	MILES	dB-A
1000	4.7	1.1	4.3	230.7	
2000	7.9	3.3	2.4	129.3	
3000	24.2	5.9	4.1	221.5	
3500	30.4	7.5	4.1	218.9	
4000	37.1	10.5	3.5	190.8	
4500	42.6	13.6	3.1	169.1	
5000	49.9	17.3	2.9	155.8	
5500	55.3	25.2	2.2	118.4	
6000	55.2	25.3	2.2	117.8	
6280	60.0	26.9	2.2	120.4	

Comments

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

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