



BOAT HOUSE BULLETIN®

A FACTUAL REPORT FROM MERCURY MARINE

150 hp OptiMax - Stratos 285XL

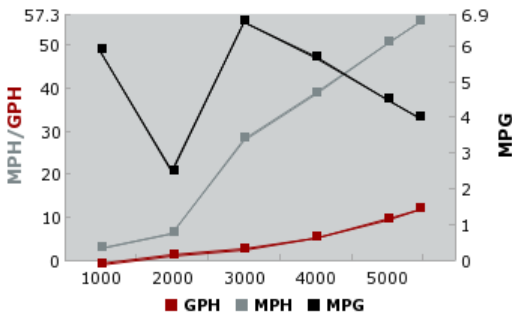
TEST CONDITIONS

Test Date	2007-07-18
Test Conductor	Buterbaugh / Lambert
Elevation (feet)	645
Air Temperature	90 °F
Wind Velocity	0-5 MPH
Water Type	Fresh
Fuel Level at Testing	36 gallons

PERFORMANCE SUMMARY

Top Speed (MPH@RPM)	57.3 @ 5440
Acceleration 0 - 20 MPH (seconds)	4.46
Acceleration 0 - 30 MPH (seconds)	6.92

RPM	Range	Speed (MPH)	Fuel (GPH)	Fuel (MPG)
1000		4.5	0.74	6.1
2000		7.9	2.95	2.7
3000		29.9	4.36	6.9
4000		40.6	6.87	5.9
5000		52.3	11.23	4.7
5440		57.3	13.52	4.2



ENGINE SPECIFICATIONS

Engine	Mercury 150 OptiMax
Horsepower	150
Cylinders	6
Shaft Length	20 inches

BOAT SPECIFICATIONS

Manufacturer	Stratos
Website	www.stratosboats.com
Boat Model	285XL
Bottom Style/Paint	V-Bottom
Material	Fiberglass
Length	18' 6"
Beam	7' 7"
Transom Height	22 1/2 inches
Max HP Capacity	150
Fuel Tank Capacity	36 gallons
Steering Type	Hydraulic
Dry Boat Weight	1500 pounds
Mounting Bolt Hole	#3

PROPELLER SPECIFICATIONS

Part Number	825864A47
Mercury Name	Tempest
Diameter/ Pitch	14 5/8" x 23"
Number of Blades	3
Material	Stainless Steel