BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
56.7 mph/6425 rpm

Acceleration
0 - 20 mph (seconds)
3.73

Acceleration
0 - 30 mph (seconds)
5.99



Test Date	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
March 14, 2023	24	980	Choppy	15	Freshwater

ENGINE

Number of Engines	1
Engine	450R
Horsepower	450
Cylinders	8
Drive or gear model and ratio	HD Straight 1.60
Engine Height (in)	1.5
Engine Setback (in)	12.5
Engine Length (in)	20

PROPELLER

Mercury Name	Enertia
Material	Stainless Steel
Pitch	17
Number of Blades	3

BOAT

Boat Brand	Harris
Boat Model	Grand Mariner 250
Boat Type	Pontoon
Boat Material	Aluminum
Length (ft)	27.4
Beam (ft)	8.5
Fuel Tank Capacity (gal)	50
Steering Type	Power Steering
Dry Boat Weight (lbs)	4,843

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	2.3	0.8	2.8	142
1000	4.6	1.6	2.8	141
1500	7.9	3.3	2.4	118
2000	9.1	5.6	1.6	80
2500	14.1	6.7	2.1	105
3000	18.8	8.8	2.1	107
3500	23	11.5	2	100
4000	29	14.6	2	99
4500	36.3	17.9	2	101
5000	42.5	24.3	1.7	87
5500	47	30.1	1.6	78
6000	52	40.5	1.3	64
6400	55.6	45.2	1.2	61

