BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
48.3 mph/5943 rpm

Acceleration
0 - 20 mph (seconds)
4.03

Acceleration
0 - 30 mph (seconds)
6.73

Test Date	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
August 20, 2020	74	1260	Calm	7	Freshwater

ENGINE

Number of Engines	1
Engine	Pro XS
Horsepower	300
Cylinders	8
Drive or gear model and ratio	HD Straight 1.75
Engine Length (in)	25

PROPELLER

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

BOAT

Boat Brand	Manitou
Boat Model	Encore RF SHP
Boat Type	Pontoon
Boat Material	Aluminum
Length (ft)	25
Beam (ft)	8.5
Fuel Tank Capacity (gal)	43
Steering Type	Hydraulic Steering
Dry Boat Weight (lbs)	3,420

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	2.9	0.9	3.4	145
1000	4	1.4	2.9	124
1500	7.8	2.3	3.4	147
2000	10.2	3.3	3.1	133
2500	14.2	4.1	3.4	147
3000	20.5	6	3.4	147
3500	25.5	8.3	3.1	132
4000	31.2	11	2.8	121
4500	35.7	13.3	2.7	115
5000	40.3	17.1	2.4	101
5500	45.8	20.3	2.3	96
6000	48	23.2	2.1	89

Image not found or type unknown

