BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
58.8 mph/6295 rpm

Acceleration
0 - 20 mph (seconds)
4.33

Acceleration
0 - 30 mph (seconds)
6.73



Test Date	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
September 9, 2020	82	751	Smooth	5	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)	0.75
Engine Setback (in)	10
Engine Length (in)	20

PROPELLER

Mercury Name	Enertia
Material	Stainless Steel
Pitch	18
Number of Blades	3

BOAT

Boat Brand	Barletta
Boat Model	L24UC
Boat Type	Pontoon
Boat Material	Aluminum
Length (ft)	27.6
Beam (ft)	8.6
Fuel Tank Capacity (gal)	48
Steering Type	Power Steering
Dry Boat Weight (lbs)	3,793

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	2.2	0.8	2.6	125
1000	5	1.7	2.9	139
1500	7.3	3.1	2.3	112
2000	9	4.8	1.9	90
2500	15.7	6.4	2.5	117
3000	20.7	8.6	2.4	115
3500	25.3	10.9	2.3	111
4000	27.4	12.9	2.1	102
4500	38.8	17.9	2.2	104
5000	44.7	23.6	1.9	91
5500	49.7	30.5	1.6	78
6000	55.8	45.2	1.2	59

