BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
37.5 mph/5699 rpm

Acceleration
0 - 20 mph (seconds)
3.83

Acceleration
0 - 30 mph (seconds)
7.01



Test Date	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
September 16, 2020	76	699	Calm	9	Freshwater

ENGINE

Number of Engines	1
Engine	FourStroke
Horsepower	200
Cylinders	6
Drive or gear model and ratio	Standard 1.85
Engine Height (in)	-1.5
Engine Setback (in)	3.75
Engine Length (in)	20

PROPELLER

Mercury Name	Enertia
Material	Stainless Steel
Pitch	14
Number of Blades	3

BOAT

Boat Brand	Barletta
Boat Model	C24U
Boat Type	Pontoon
Boat Material	Aluminum
Length (ft)	25.2
Beam (ft)	8.6
Fuel Tank Capacity (gal)	34
Steering Type	Hydraulic Steering
Dry Boat Weight (lbs)	3,194

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	1.4	0.6	2.3	78
1000	4.2	1	4.2	144
1500	5.4	1.7	3.2	109
2000	7.4	2.5	3	100
2500	11.9	3	4	137
3000	16.6	4	4.1	139
3500	20.6	5.9	3.5	119
4000	24.4	7.9	3.1	105
4500	28	9.9	2.8	96
5000	31.8	13.1	2.4	82
5500	35.6	17.7	2	68
5800	37.3	18	2.1	70

