BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
41.6 mph/5776 rpm

Acceleration
0 - 20 mph (seconds)
3.69

Acceleration
0 - 30 mph (seconds)
7.06



Test Date	Elevation (ft)	Sea State	Fresh/Salt Water
August 14, 2021	700	Choppy	Freshwater

ENGINE

Number of Engines	1
Engine	FourStroke
Horsepower	250
Cylinders	8
Drive or gear model and ratio	HD Straight 1.75
Engine Height (in)	-1.5
Engine Setback (in)	5
Engine Length (in)	20

PROPELLER

Mercury Name	Enertia
Material	Stainless Steel
Pitch	15
Number of Blades	3

BOAT

Boat Brand	Barletta
Boat Model	Cabrio 24 UE
Boat Type	Pontoon
Boat Material	Aluminum
Length (ft)	25.2
Beam (ft)	8.6
Fuel Tank Capacity (gal)	34
Steering Type	Power Steering
Dry Boat Weight (lbs)	3,194

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	2.7	0.8	3.3	112
1000	4.7	1.3	3.5	118
1500	6.5	2.2	3	102
2000	8	3.2	2.5	84
2500	12.1	4.1	3	100
3000	16.3	5.2	3.1	106
3500	19.7	7.3	2.7	92
4000	24.5	10	2.5	84
4500	29.8	12.7	2.3	80
5000	33.5	15.4	2.2	74
5500	37.6	20.4	1.8	62

