BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
49.8 mph/6024 rpm

Acceleration
0 - 20 mph (seconds)
3.21

Acceleration
0 - 30 mph (seconds)
5.08



Test Date	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
October 6, 2020	75	715	Calm	5	Freshwater

ENGINE

Number of Engines	1
Engine	FourStroke
Horsepower	250
Cylinders	8
Drive or gear model and ratio	Standard 1.75
Engine Height (in)	25
Engine Length (in)	25

PROPELLER

Mercury Name	Enertia
Material	Stainless Steel
Pitch	16
Number of Blades	3

BOAT

Boat Brand	Bayliner
Boat Model	Trophy T22 CC
Boat Type	Center Console
Boat Material	Fiberglass
Length (ft)	22
Beam (ft)	8
Fuel Tank Capacity (gal)	65
Steering Type	Hydraulic Steering
Dry Boat Weight (lbs)	4,000

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	2.6	0.7	3.5	230
1000	5.4	1.1	4.8	313
1500	7.2	2	3.6	231
2000	8.7	3.2	2.7	177
2500	12.9	4.1	3.2	207
3000	19.3	5.2	3.7	240
3500	25.7	6.6	3.9	252
4000	31.7	8.6	3.7	238
4500	36.2	11	3.3	215
5000	40.8	13.5	3	197
5500	45.2	18.2	2.5	161
6000	49.8	22.5	2.2	144

