BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
34.4 mph/5457 rpm

Acceleration
0 - 20 mph (seconds)
5.01

Acceleration
0 - 30 mph (seconds)
9.47



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

ENGINE

Number of Engines	1
Engine	FourStroke
Horsepower	115
Cylinders	4
Drive or gear model and ratio	Standard 2.38
Engine Length (in)	25

PROPELLER

Mercury Name	Black Max
Material	Aluminum
Pitch	19
Number of Blades	3

BOAT

Boat Brand	Bayliner
Boat Model	Trophy T18 Bay
Boat Type	Center Console
Boat Material	Fiberglass
Length (ft)	18
Beam (ft)	7
Fuel Tank Capacity (gal)	30
Steering Type	Hydraulic Steering
Dry Boat Weight (lbs)	2,100

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	2.8	0.4	7	210
1000	3.8	0.6	5.8	175
1500	5.4	1	5.3	158
2000	7.2	1.6	4.5	136
2500	8.6	2.2	3.9	116
3000	13.4	3	4.5	135
3500	20.4	3.7	5.6	167
4000	24.4	5	4.9	147
4500	27.8	6.6	4.2	126
5000	31	8.4	3.7	111
5500	35.9	10.2	3.5	106

