BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
50.8 mph/5991 rpm

Acceleration
0 - 20 mph (seconds)
3.6

Acceleration
0 - 30 mph (seconds)
5.7



Test Date	Elevation (ft)	Sea State	Fresh/Salt Water
November 6, 2019	121	Calm	Freshwater

ENGINE

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

PROPELLER

Mercury Name	Enertia
Material	Stainless Steel
Pitch	17
Number of Blades	3

BOAT

Boat Brand	Nautic Star
Boat Model	2302 Legacy
Boat Type	Center Console
Boat Material	Fiberglass
Length (ft)	22.3
Beam (ft)	8
Fuel Tank Capacity (gal)	85
Steering Type	Hydraulic Steering
Dry Boat Weight (lbs)	2,700

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	3.1	0.8	4	342
1000	5.1	1.3	3.8	324
1500	7.1	2.1	3.3	285
2000	8.6	3.4	2.5	211
2500	11.9	4.3	2.8	234
3000	16.3	5.3	3.1	263
3500	25.2	6.5	3.9	328
4000	31.8	9.3	3.4	290
4500	35.8	11.8	3	258
5000	40.6	14.6	2.8	237
5500	45.1	20.5	2.2	187
6000	50.8	23.3	2.2	185

