BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
51 mph/5958 rpm

Acceleration
0 - 20 mph (seconds)
4.84

Acceleration
0 - 30 mph (seconds)
8.24



Test Date	Air Temperature (˚F)	Sea State	Wind Velocity Range (mph)
February 2, 2020	58	Calm	15

ENGINE

Number of Engines	2
Engine	Verado
Horsepower	300
Cylinders	8
Drive or gear model and ratio	HD Camber 1.85
Engine Height (in)	5.8, 5.8
Engine Setback (in)	35.5, 35.5
Engine Length (in)	20, 20

PROPELLER

Mercury Name	Revolution 4
Material	Stainless Steel
Pitch	19.0, 19.0
Number of Blades	4

BOAT

Boat Brand	Formula
Boat Model	310 BR HT
Boat Type	Cruiser/Walkaround
Boat Material	Fiberglass
Length (ft)	34.8
Beam (ft)	9.6
Fuel Tank Capacity (gal)	139
Steering Type	Joystick
Dry Boat Weight (lbs)	12,227

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	3	1.7	1.8	251
1000	5.7	2.4	2.4	334
1500	8	4.1	2	272
2000	9.6	7.2	1.3	185
2500	10.8	10.3	1.1	146
3000	15.5	13.6	1.1	157
3500	20.6	16.5	1.2	172
4000	24.9	19.9	1.3	173
4500	34.4	24.1	1.4	198
5000	40.6	28.9	1.4	195
5500	45.7	40.3	1.1	157
6000	50.6	48	1.1	146

