BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
58.5 mph/6394 rpm

Acceleration
0 - 20 mph (seconds)
5

Acceleration
0 - 30 mph (seconds)
8



Test Date	Air Temperature (˚F)	Elevation (ft)	Sea State	Fresh/Salt Water
November 8, 2019	80	75	Calm	Freshwater

ENGINE

Number of Engines	2
Engine	450R
Horsepower	450
Cylinders	8
Drive or gear model and ratio	HD Camber 1.6
Engine Height (in)	1.25, 1.25
Engine Setback (in)	13, 13
Engine Length (in)	20, 20

PROPELLER

Mercury Name	Revolution 4
Material	Stainless Steel
Pitch	17, 17
Number of Blades	4

BOAT

Boat Brand	Solace
Boat Model	345
Boat Type	Center Console
Boat Material	Fiberglass
Length (ft)	34
Beam (ft)	10.5
Fuel Tank Capacity (gal)	325
Steering Type	Joystick
Dry Boat Weight (lbs)	12,660

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	3.1	1.5	2	660
1000	6.1	3.5	1.7	564
1500	8.5	5.8	1.5	472
2000	7.8	9.6	0.8	262
2500	11.3	13.2	0.9	278
3000	15.1	19.1	0.8	257
3500	20.9	23.8	0.9	286
4000	32.7	26.8	1.2	396
4500	39	34.2	1.1	370
5000	44.6	46.6	1	311
5500	49.6	59.5	0.8	271
6000	54.8	79.7	0.7	223
6394	58.5	89.5	0.7	212

