BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
60 mph/6250 rpm

Acceleration
0 - 20 mph (seconds)
5.2

Acceleration
0 - 30 mph (seconds)
8.2



Test Date	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
January 10, 2019	75	75	Calm	15	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)	0.75, 0.75
Engine Setback (in)	13, 13
Engine Length (in)	20, 20

PROPELLER

Mercury Name	Revolution 4 XP
Material	Stainless Steel
Pitch	18, 18
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	3.3	1.8	1.8	588
1000	5.5	3.6	1.5	494
1500	8.3	6.2	1.3	436
2000	9.5	10.2	0.9	303
2500	10.8	15.1	0.7	232
3000	16.9	21.3	0.8	259
3500	24.3	25.1	1	314
4000	34.4	30.8	1.1	363
4500	40.8	39.3	1	337
5000	46.5	54.3	0.9	279
5500	52.2	71.8	0.7	236
6000	59.3	89.3	0.7	216
6250	60	89.7	0.7	217

