BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
61.5 mph/6784 rpm

Acceleration
0 - 20 mph (seconds)
4.9

Acceleration
0 - 30 mph (seconds)
7.9



Test Date	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
January 13, 2020	57	708	Calm	3	Freshwater

ENGINE

Number of Engines	2
Engine	400R
Horsepower	400
Cylinders	8
Drive or gear model and ratio	HD Camber 1.75
Engine Length (in)	20, 20

PROPELLER

Mercury Name	Revolution 4
Material	Stainless Steel
Pitch	19, 19
Number of Blades	4

BOAT

Boat Brand	Sea Ray
Boat Model	SLX-R 310
Boat Type	Runabout
Boat Material	Fiberglass
Length (ft)	31
Beam (ft)	10
Fuel Tank Capacity (gal)	130
Steering Type	Joystick
Dry Boat Weight (lbs)	10,800

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	2.8	1.5	1.8	240
1000	5.9	2.7	2.2	286
1500	7.9	4.4	1.8	233
2000	9.2	7	1.3	172
2500	12.8	11.2	1.1	148
3000	17.9	14.7	1.2	158
3500	19.9	17.1	1.2	152
4000	27.9	19.3	1.4	187
4500	37.1	23.8	1.6	203
5000	43.3	28.1	1.5	201
5500	48.9	37.4	1.3	170
6000	54.6	49.9	1.1	142
6500	57.1	52.4	0.9	117

