BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
64.4 mph/6427 rpm

Acceleration
0 - 20 mph (seconds)
4.18

Acceleration
0 - 30 mph (seconds)
6.63



Test Date	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
August 5, 2020	90	715	Calm	8	Freshwater

ENGINE

Number of Engines	2
Engine	450R
Horsepower	450
Drive or gear model and ratio	Standard 1.6
Engine Height (in)	0.0, 0.0
Engine Setback (in)	0.0, 0.0
Engine Length (in)	20, 20

PROPELLER

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

BOAT

Boat Brand	Sea Ray
Boat Model	SLX-R 350
Boat Type	Runabout
Boat Material	Fiberglass
Length (ft)	34
Beam (ft)	10
Fuel Tank Capacity (gal)	177
Steering Type	Joystick
Dry Boat Weight (lbs)	12,060

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	3.3	1.6	2	353
1000	6.4	3.5	1.8	325
1500	8.9	6.8	1.3	230
2000	10.5	10.1	1	185
2500	15.1	13.7	1.1	194
3000	21.8	18.5	1.2	208
3500	31.2	21	1.5	262
4000	36.6	25.9	1.4	249
4500	41.6	32.6	1.3	225
5000	46.7	42.4	1.1	194
5500	51.8	55.3	0.9	162
6000	57.4	71.4	0.9	150
6400	64.4	87.4	0.7	130

