

PERFORMANCE SUMMARY

Top Speed

(mph @ rpm)

58.8 mph/6391 rpm

Acceleration

0 - 20 mph (seconds)

4.66

Acceleration

0 - 30 mph (seconds)

7.16



Test Date

January 26, 2021

Boat Weight as Tested (lb)

21,000

Air Temperature (°F)

75

Elevation (ft)

75

Sea State

Calm

Wind Velocity Range (mph)

5

Fresh/Salt Water

Freshwater

ENGINE

Number of Engines	2
Engine	Verado
Horsepower	600
Cylinders	12
Drive or gear model and ratio	V12 AMS 2.5
Engine Height (in)	4.3, 4.3
Engine Setback (in)	41.0, 41.0
Engine Length (in)	25, 25

PROPELLER

Mercury Name	Verado 12
Material	Stainless Steel
Pitch	27.5, 27.5
Number of Blades	4/3

BOAT

Boat Brand	Sea Ray
Boat Model	SLX 400 Outboard
Boat Type	Yacht
Boat Material	Fiberglass
Length (ft)	41.9
Beam (ft)	12.2
Fuel Tank Capacity (gal)	375
Steering Type	Joystick
Dry Boat Weight (lbs)	18,500

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
700	3.6	3.1	1.2	450
1000	5.3	4.4	1.2	453
1500	7.5	6.8	1.1	410
2000	9.4	10.7	0.9	328
2500	10.4	16.5	0.6	238
3000	21.4	28.1	0.8	286
3500	29.2	35.7	0.8	307
4000	35.2	40.3	0.9	328
4500	40.3	48.3	0.8	313
5000	44.9	55.1	0.8	306
5500	50.2	73.3	0.7	256
6000	55.2	92.6	0.6	223
6391	58.8	103.3	0.6	213

