

PERFORMANCE SUMMARY

Top Speed

(mph @ rpm)

74.1 mph/6387 rpm
Acceleration

0 - 20 mph (seconds)

4.77
Acceleration

0 - 30 mph (seconds)

6.76

Test Date

February 4, 2021

Boat Weight as Tested (lb)

32,150

Air Temperature (°F)

60

Elevation (ft)

75

Sea State

Calm

Wind Velocity Range (mph)

5

Fresh/Salt Water

Freshwater

ENGINE

Number of Engines	4
Engine	Verado
Horsepower	600
Cylinders	12
Drive or gear model and ratio	V12 AMS 2.5
Engine Height (in)	4.8, 5.5, 5.5, 4.8
Engine Setback (in)	38.0, 38.0, 38.0, 38.0
Engine Length (in)	25, 30, 30, 25

PROPELLER

Mercury Name	Verado 12
Material	Stainless Steel
Pitch	35.0, 37.0, 37.0, 35.0
Number of Blades	4/3

BOAT

Boat Brand	Valhalla
Boat Model	V-46
Boat Type	Offshore Saltwater
Boat Material	Fiberglass
Length (ft)	46.6
Beam (ft)	13.4
Fuel Tank Capacity (gal)	694
Steering Type	Joystick
Dry Boat Weight (lbs)	26,812

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
700	3.1	6	0.5	368
1000	6.1	9.3	0.7	457
1500	8.9	15.1	0.6	408
2000	10.6	25.2	0.4	292
2500	13.9	36.2	0.4	266
3000	28.4	51.7	0.5	381
3500	34.7	60.3	0.6	400
4000	39.9	69.4	0.6	399
4500	48	82.4	0.6	405
5000	55.9	107.2	0.5	362
5500	62.2	137.6	0.5	314
6000	69.3	188	0.4	256
6387	73.8	209.8	0.4	244

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