

PERFORMANCE SUMMARY

Top Speed

(mph @ rpm)

63.7 mph/6375 rpm

Acceleration

0 - 20 mph (seconds)

5.28

Acceleration

0 - 30 mph (seconds)

8.11



Test Date

January 15, 2021

Boat Weight as Tested (lb)

31,100

Air Temperature (°F)

70

Elevation (ft)

75

Sea State

Calm

Wind Velocity Range (mph)

8

Fresh/Salt Water

Freshwater

ENGINE

Number of Engines	3
Engine	Verado
Horsepower	600
Cylinders	12
Drive or gear model and ratio	V12 AMS 2.5
Engine Height (in)	3.8, 3.5, 3.8
Engine Setback (in)	36, 39, 36
Engine Length (in)	20, 30, 20

PROPELLER

Mercury Name	Verado 12
Material	Stainless Steel
Pitch	31.0, 29, 31.0
Number of Blades	4/3

BOAT

Boat Brand	Boston Whaler
Boat Model	420 Outrage
Boat Type	Offshore Saltwater
Boat Material	Fiberglass
Length (ft)	42.5
Beam (ft)	13
Fuel Tank Capacity (gal)	700
Steering Type	Joystick
Dry Boat Weight (lbs)	22,000

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
700	4	4.3	0.9	646
1000	5.8	6.9	0.8	591
1500	8.3	10.7	0.8	541
2000	10.1	16.9	0.6	419
2500	10.9	25.5	0.4	299
3000	29.4	60.7	0.5	338
3500	30.5	52.9	0.6	403
4000	36.1	60.4	0.6	418
4500	43.5	66.7	0.7	457
5000	49.2	84.2	0.6	408
5500	55.9	113.9	0.5	344
6000	63.4	152.9	0.4	290
6375	63.7	156	0.4	286

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