

PERFORMANCE SUMMARY

Top Speed

(mph @ rpm)

60.3 mph/6402 rpm

Acceleration

0 - 20 mph (seconds)

5.1

Acceleration

0 - 30 mph (seconds)

8



Test Date

January 26, 2021

Boat Weight as Tested (lb)

32,200

Air Temperature (°F)

65

Elevation (ft)

75

Sea State

Calm

Wind Velocity Range (mph)

7

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)	5.0, 6.8, 5.0
Engine Setback (in)	44.0, 44.0, 44.0
Engine Length (in)	25, 35, 25

PROPELLER

Mercury Name	Verado 12
Material	Stainless Steel
Pitch	31, 27.5, 31
Number of Blades	4/3

BOAT

Boat Brand	Tiara
Boat Model	48 LS
Boat Type	Sport Yacht/Yacht
Boat Material	Fiberglass
Length (ft)	48.3
Beam (ft)	14.1
Fuel Tank Capacity (gal)	660
Steering Type	Joystick
Dry Boat Weight (lbs)	28,376

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
700	2.6	4.4	0.6	396
1000	6	6.5	0.9	613
1500	8.4	10.1	0.8	548
2000	10	16.2	0.6	406
2500	10.9	24.6	0.4	293
3000	23.2	43.5	0.5	352
3500	28.1	52.7	0.5	352
4000	34.6	58	0.6	394
4500	39.2	69.4	0.6	373
5000	45.6	87.6	0.5	343
5500	51.8	120.9	0.4	283
6000	56.9	139	0.4	270
6402	60.1	149.9	0.4	264

Image not found or type unknown

