BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
56.27 mph/6184 rpm

Acceleration
0 - 20 mph (seconds)
5.64

Acceleration
0 - 30 mph (seconds)
9.55



Test Date	Boat Weight as Tested (lb)	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
August 3, 2021	25,000	70	462	Calm	3	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)	3.3, 3.3
Engine Setback (in)	31.0, 31.0
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	Tiara
Boat Model	43 LE
Boat Type	Yacht
Boat Material	Fiberglass
Length (ft)	43
Beam (ft)	13
Fuel Tank Capacity (gal)	400
Steering Type	Joystick
Dry Boat Weight (lbs)	22,832

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	3.2	3	1.1	428
1000	5.6	4.3	1.3	522
1500	7.7	6.1	1.3	508
2000	9.7	9.3	1	415
2500	11.2	14.5	0.8	309
3000	17.3	28.1	0.6	246
3500	25.4	37.5	0.7	270
4000	31.6	46.7	0.7	270
4500	37.4	53.3	0.7	280
5000	43.2	59.5	0.7	290
5500	48.3	78.2	0.6	247
6000	54.3	99.7	0.5	217

