BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
55.92 mph/6118 rpm

Acceleration
0 - 20 mph (seconds)
5.93

Acceleration
0 - 30 mph (seconds)
9.84



Test Date	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
August 4, 2021	70	480	Calm	2	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 LS
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	4	2.8	1.4	572
1000	6.1	4.2	1.5	582
1500	7.4	6.1	1.2	491
2000	9.5	9.4	1	403
2500	11.1	14.4	0.8	308
3000	19.4	29.3	0.7	266
3500	25.4	36.7	0.7	277
4000	32.4	44.9	0.7	288
4500	39.2	52.2	0.8	301
5000	44.5	57.2	0.8	311
5500	50.1	81.5	0.6	246
6000	55.9	97	0.6	231

