BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
57.4 mph/6392 rpm

Acceleration
0 - 20 mph (seconds)
6.96

Acceleration
0 - 30 mph (seconds)
8.96



Test Date	Boat Weight as Tested (lb)	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
January 13, 2022	20,345	68	31	Calm	5	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)	2.5, 2.5
Engine Setback (in)	19.0, 19.0
Engine Length (in)	25, 25

PROPELLER

Mercury Name	Verado 12
Material	Stainless Steel
Pitch	26.0, 26.0
Number of Blades	4/3

BOAT

Boat Brand	World Cat
Boat Model	40 CC
Boat Type	Catamaran
Boat Material	Fiberglass
Length (ft)	39.9
Beam (ft)	12.9
Fuel Tank Capacity (gal)	640
Steering Type	Joystick
Dry Boat Weight (lbs)	14,000

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
700	4	3.1	1.3	821
1000	4.6	4.1	1.1	711
1500	6.8	5.9	1.2	737
2000	7.2	9.7	0.7	478
2500	14.8	19	0.8	497
3000	21.1	23.9	0.9	566
3500	27.9	30.1	0.9	591
4000	33.5	35.7	0.9	599
4500	38.6	44	0.9	561
5000	43.6	57.1	0.8	488
5500	49.4	78.1	0.6	405
6000	54.3	97.6	0.6	355
6400	57.3	106	0.5	345

