BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
55.8 mph/6287 rpm

Acceleration
0 - 20 mph (seconds)
4.28

Acceleration
0 - 30 mph (seconds)
6.53



Test Date	Air Temperature (˚F)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
July 28, 2022	98	Moderate	15	Brackish

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)	19.0, 19.0
Engine Length (in)	20, 20

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	400DC-X Island
Boat Type	Catamaran
Boat Material	Fiberglass
Length (ft)	39.9
Beam (ft)	12.9
Fuel Tank Capacity (gal)	464
Steering Type	Joystick
Dry Boat Weight (lbs)	16,500

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
700	1.4	3.1	0.5	211
1000	5.9	4.1	1.5	673
1500	7.7	6.3	1.2	567
2000	9.6	9.9	1	447
2500	16.5	17.1	1	446
3000	22.9	24.4	0.9	436
3500	29.1	30.2	1	446
4000	34.1	36.5	0.9	433
4500	39	47.7	0.8	379
5000	44	58.4	0.8	350
5500	49.4	78.6	0.6	291
6000	53.5	96.6	0.6	257
6400	55.8	101.9	0.5	254

