BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
47.2 mph/6320 rpm

Acceleration
0 - 20 mph (seconds)
5.69

Acceleration
0 - 30 mph (seconds)
8.74

MERCURY
GO BOLDLY.®

Test Date	Air Temperature (˚F)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
February 23, 2024	55	Calm	5	Brackish

ENGINE

Number of Engines	2
Engine	Verado
Horsepower	400
Cylinders	10
Drive or gear model and ratio	V10 AMS 2.08
Engine Height (in)	3.0, 3.0
Engine Setback (in)	13.0, 13.0
Engine Length (in)	25, 25

PROPELLER

Mercury Name	Revolution X
Material	Stainless Steel
Pitch	18.0, 18.0
Number of Blades	4

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)	15,860

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	4.3	1.9	2.3	1043
1000	5.1	3.2	1.6	725
1500	6	5.4	1.1	508
2000	9.1	8.1	1.1	515
2500	11.3	10.9	1	478
3000	17	13.9	1.2	552
3500	24	21	1.2	529
4000	28	25.3	1.1	506
4500	33.1	32	1	473
5000	36.9	45	0.8	368
5500	40.1	56	0.8	368
6000	44.5	67	0.8	368
6350	47.2	71	0.8	345

