PERFORMANCE SUMMARY

MERCURY

Top Speed (mph @ rpm)	Acceleration 0 - 20 mph	Acceleration 0 - 30 mph (sec)
64.2 / 6561	3.86	6.08

Test Date	Air Temp (degF)	Sea State	Wind (mph)	Fresh/Salt Water	Test Weight (lbs)
04-28-2026	72	Light Chop	7	Brackish	22750

OUTBOARD

Number of Outboards	4
Engine	Verado
Engine Model	5.7L V10
Power (HP)	425
Engine Length (in)	30, 30, 30, 30
Gear Ratio	2.08
Mounting Bolt Hole	4, 4, 4, 4
Engine Height (in)	6.3, 6.3, 6.3, 6.3
Engine Setback (in)	20, 20, 20, 20

PROPELLER

Model	Revolution X
Material	Stainless Steel
Number of Blades	4
Pitch (in)	23, 23, 23, 23

BOAT

Brand	World Cat
Model	40 DC
Year	2026
Type	Catamaran
Material	Fiberglass
Length (ft)	39.9
Beam (ft)	12.9
Fuel Capacity (gal)	464
Steering Type	Joystick
Dry Weight (lbs)	16500

PERFORMANCE

Engine Speed (RPM)	Speed (MPH)	Fuel Rate (GPH)	Economy (MPG)	Range (Miles)
700	5.5	3.6	1.5	711
1000	6.8	6.3	1.1	506
1500	9.4	10.6	0.9	409
2000	11.4	19.3	0.6	274
2500	17.5	22.6	0.8	360
3000	23.8	29.8	0.8	370
3500	31.4	38.5	0.8	378
4000	37.3	47.8	0.8	362
4500	42.6	58.6	0.7	338
5000	48.2	82.8	0.6	270
5500	53.2	116.4	0.5	212
6000	58.3	133.5	0.4	203
6500	63.9	149.3	0.4	199
6600	64.1	147.2	0.4	202

