

PERFORMANCE SUMMARY

Top Speed

(mph @ rpm)

48.9 mph/5763 rpm

Acceleration

0 - 20 mph (seconds)

4.4

Acceleration

0 - 30 mph (seconds)

6.7



Test Date

February 7, 2020

Air Temperature (°F)

64

Sea State

Calm

Wind Velocity Range (mph)

10

Fresh/Salt Water

Saltwater

ENGINE

Number of Engines	2
Engine	FourStroke
Horsepower	200
Cylinders	6
Drive or gear model and ratio	Standard 1.85
Engine Height (in)	1.5, 1.5
Engine Setback (in)	13, 13
Engine Length (in)	25, 25

PROPELLER

Mercury Name	Enertia ECO
Material	Stainless Steel
Pitch	17, 17
Number of Blades	3

BOAT

Boat Brand	World Cat
Boat Model	280 CC-X
Boat Type	Offshore Saltwater
Boat Material	Fiberglass
Length (ft)	27.9
Beam (ft)	9.1
Fuel Tank Capacity (gal)	220
Steering Type	Joystick
Dry Boat Weight (lbs)	7,300

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	2.6	1.1	2.5	542
1000	1.7	2.2	0.8	177
1500	6.7	3.5	1.9	427
2000	9.9	5.6	1.8	387
2500	17.3	7.1	2.4	537
3000	23.1	9.5	2.4	533
3500	28.7	12.9	2.2	489
4000	33.5	16.4	2	449
4500	38.4	20.6	1.9	411
5000	42	27	1.6	342
5500	46.6	34.8	1.3	295
5800	48.5	35.3	1.3	296

