BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
73.9 mph/6414 rpm

Acceleration
0 - 20 mph (seconds)
5.1

Acceleration
0 - 30 mph (seconds)
8.1

MERCURY
GO BOLDLY.®

Test Date	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
October 24, 2022	85	75	Calm	5	Freshwater

ENGINE

Number of Engines	4
Engine	Verado
Horsepower	400
Cylinders	10
Drive or gear model and ratio	V10 AMS 2.08
Engine Height (in)	5.2, 5.2, 5.2, 5.2
Engine Setback (in)	35.0, 35.0, 35.0, 35.0
Engine Length (in)	30, 30, 30, 30

PROPELLER

Mercury Name	Revolution X
Material	Stainless Steel
Pitch	27.0, 27.0, 27.0, 27.0
Number of Blades	4

BOAT

Boat Brand	Freeman
Boat Model	47
Boat Type	Catamaran
Boat Material	Fiberglass
Length (ft)	47
Beam (ft)	14
Fuel Tank Capacity (gal)	1000
Steering Type	Joystick
Dry Boat Weight (lbs)	14,700

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
650	4.3	4.1	1	1043
1000	6.7	7.7	0.9	870
1500	9.5	13.3	0.7	716
2000	12.6	23.5	0.5	534
2500	16.9	25.5	0.7	661
3000	22.3	33.7	0.7	661
3500	35.4	42.5	0.8	831
4000	43.8	50.1	0.9	874
4500	51.3	60.8	0.8	843
5000	57.3	82.4	0.7	694
5500	63.9	102.5	0.6	623
6000	70.3	125.1	0.6	561
6414	73.9	133.5	0.6	553

