BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
70.1 mph/5995 rpm

Acceleration
0 - 20 mph (seconds)
5.23

Acceleration
0 - 30 mph (seconds)
7.68



Test Date	Boat Weight as Tested (lb)	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
February 15, 2022	15,200	71	3	Calm	10	Saltwater

ENGINE

Number of Engines	4
Engine	Verado
Horsepower	300
Cylinders	8
Drive or gear model and ratio	HD Straight 1.75
Engine Height (in)	0.0, 0.0
Engine Length (in)	25, 25, 25, 25

PROPELLER

Mercury Name	Enertia ECO
Material	Stainless Steel
Pitch	23.0, 23.0, 23.0, 23.0
Number of Blades	3

BOAT

Boat Brand	Freeman
Boat Model	37 VH
Boat Type	Catamaran
Boat Material	Fiberglass
Length (ft)	37.2
Beam (ft)	11.6
Fuel Tank Capacity (gal)	540
Steering Type	Power Steering
Dry Boat Weight (lbs)	11,500

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	4.2	3.3	1.3	691
1000	7.6	5.7	1.3	720
1500	10.2	11.7	0.9	469
2000	15.9	18.3	0.9	469
2500	20.7	22.6	0.9	496
3000	31.3	28.1	1.1	601
3500	40.1	36.4	1.1	595
4000	46.8	44.6	1	566
4500	52.7	55.9	0.9	509
5000	59.5	70.5	0.8	455
5500	67.8	92.4	0.7	396
6000	70	92.1	0.7	399