BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
79.2 mph/6810 rpm

Acceleration
0 - 20 mph (seconds)
3.8

Acceleration
0 - 30 mph (seconds)
6.8

MERCURY
GO BOLDLY.®

Test Date	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
January 23, 2019	77	75	Moderate	6	Freshwater

ENGINE

Number of Engines	4
Engine	Verado
Horsepower	400
Cylinders	6
Drive or gear model and ratio	HD Straight 1.75
Engine Height (in)	5.25, 5.25, 5.25, 5.25
Engine Setback (in)	29, 29, 29, 29
Engine Length (in)	20, 20, 20, 20

PROPELLER

Mercury Name	Revolution 4
Material	Stainless Steel
Pitch	23, 23, 23, 23
Number of Blades	4

BOAT

Boat Brand	Freeman
Boat Model	37 VH
Boat Type	Catamaran
Boat Material	Fiberglass
Length (ft)	37.1
Beam (ft)	11.5
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	5.2	3.2	1.6	883
1000	6.7	4.6	1.5	784
1500	8.7	8.7	1	539
2000	13.6	14.8	0.9	496
2500	20	17.7	1.1	607
3000	28.8	22.5	1.3	691
3500	37.7	31.6	1.2	644
4000	44.6	38.8	1.2	621
4500	51.3	45.8	1.1	606
5000	57.2	55.3	1	558
5500	64.5	69	0.9	505
6000	70	86	0.8	439
6400	75.5	111.2	0.7	367

