BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
74.3 mph/6379 rpm

Acceleration
0 - 20 mph (seconds)
4.84

Acceleration
0 - 30 mph (seconds)
6.96



Test Date	Air Temperature (˚F)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
September 23, 2021	83	Calm	5	Saltwater

ENGINE

Number of Engines	2
Engine	Verado
Horsepower	600
Cylinders	12
Drive or gear model and ratio	V12 AMS 2.5
Engine Height (in)	4.1, 4.1
Engine Setback (in)	34.0, 34.0
Engine Length (in)	30, 30

PROPELLER

Mercury Name	Verado 12
Material	Stainless Steel
Pitch	33.0, 33.0
Number of Blades	4/3

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	Joystick
Dry Boat Weight (lbs)	8,900

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	1.1	3	0.4	192
1000	4.5	4	1.1	610
1500	9.2	6.5	1.4	764
2000	11.1	11.3	1	530
2500	23.6	17.9	1.3	712
3000	32.5	26	1.2	675
3500	35.3	31.6	1.1	602
4000	42.1	39.8	1.1	572
4500	53.4	46.6	1.1	618
5000	59	57.4	1	555
5500	62.6	74.8	0.8	452
6000	68.5	93.5	0.7	396
6400	74.3	102.6	0.7	387

