BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
69.2 mph/6360 rpm

Acceleration
0 - 20 mph (seconds)
4.11

Acceleration
0 - 30 mph (seconds)
5.98



Test Date	Air Temperature (˚F)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
January 11, 2023	60	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)	6.0, 6.0
Engine Setback (in)	30.0, 30.0
Engine Length (in)	30, 30

PROPELLER

Mercury Name	Verado 12
Material	Stainless Steel
Pitch	31.0, 31.0
Number of Blades	4/3

BOAT

Boat Brand	Cape Horn
Boat Model	39T
Boat Type	Center Console
Boat Material	Fiberglass
Length (ft)	39
Beam (ft)	11.23
Fuel Tank Capacity (gal)	565
Steering Type	Joystick
Dry Boat Weight (lbs)	15,500

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
700	5.6	4	1.4	804
1000	6.1	4.7	1.3	728
1500	8.4	7.4	1.1	641
2000	9.5	12.3	0.8	433
2500	15.2	16.8	0.9	509
3000	23.6	25.4	0.9	525
3500	35.1	35.2	1	564
4000	40.6	41.6	1	551
4500	46.4	52.8	0.9	496
5000	52.5	60.6	0.9	489
5500	60.2	89.2	0.7	381
6000	66.1	103.1	0.6	362
6400	69.2	106.4	0.6	352

