BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
77 mph/6358 rpm

Acceleration
0 - 20 mph (seconds)
6.44

Acceleration
0 - 30 mph (seconds)
8.71



Test Date	Air Temperature (˚F)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
March 7, 2023	74	Calm	15	Saltwater

ENGINE

Number of Engines	4
Engine	Verado
Horsepower	600
Cylinders	12
Drive or gear model and ratio	V12 AMS 2.5
Engine Height (in)	6.0, 6.0, 6.0, 6.0
Engine Setback (in)	49.0, 52.0, 52.0, 49.0
Engine Length (in)	25, 35, 35, 25

PROPELLER

Mercury Name	Verado 12
Material	Stainless Steel
Pitch	37.0, 37.0, 37.0, 37.0
Number of Blades	4/3

BOAT

Boat Brand	Cape Horn
Boat Model	47CC
Boat Type	Center Console
Boat Material	Fiberglass
Length (ft)	46.8
Beam (ft)	12.5
Fuel Tank Capacity (gal)	720
Steering Type	Joystick
Dry Boat Weight (lbs)	22,000

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
700	5.8	5.9	1	711
1000	7.4	10.4	0.7	514
1500	8.8	18.6	0.5	341
2000	9.9	22	0.4	323
2500	18.8	33.3	0.6	407
3000	28.6	47.8	0.6	430
3500	39.5	65.8	0.6	432
4000	45.8	76.3	0.6	432
4500	52.1	105.4	0.5	355
5000	58.3	123.9	0.5	338
5500	65.4	170.7	0.4	275
6000	71.2	186.1	0.4	275
6400	77	201.5	0.4	275

