BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
72.6 mph/6559 rpm

Acceleration
0 - 20 mph (seconds)
7.26

Acceleration
0 - 30 mph (seconds)
12.68

Test Date	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
January 22, 2024	67	75	Calm	12	Freshwater

ENGINE

Number of Engines	3
Engine	500R
Horsepower	500
Cylinders	8
Drive or gear model and ratio	Sportmaster 1.60
Engine Height (in)	2.8, 5.0, 2.8
Engine Setback (in)	31.0, 31.0, 31.0
Engine Length (in)	30, 35, 30

PROPELLER

Mercury Name	Ventera
Material	Stainless Steel
Pitch	21.0, 21.0, 21.0
Number of Blades	4

BOAT

Boat Brand	Formula
Boat Model	380 CCS
Boat Type	Yacht
Boat Material	Fiberglass
Length (ft)	38
Beam (ft)	11.5
Fuel Tank Capacity (gal)	298
Steering Type	Joystick
Dry Boat Weight (lbs)	20,500

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	1.1	2.7	0.4	121
1000	6.4	5.8	1.1	327
1500	9	11.3	0.8	235
2000	10.4	20.2	0.5	152
2500	11	34.1	0.3	95
3000	16.3	44.8	0.4	108
3500	23.1	53.3	0.4	129
4000	30.3	59.1	0.5	152
4500	40.6	65.3	0.6	185
5000	48.3	82	0.6	175
5500	56.1	94.4	0.6	177
6000	64	123.1	0.5	154
6400	71.8	149.3	0.5	143

