BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
63 mph/6425 rpm

Acceleration
0 - 20 mph (seconds)
6.76

Acceleration
0 - 30 mph (seconds)
10.34



Test Date	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
July 30, 2021	75	886	Calm	12	Freshwater

ENGINE

Number of Engines	2
Engine	Verado
Horsepower	600
Cylinders	12
Drive or gear model and ratio	V12 AMS 2.5
Engine Height (in)	3.3, 3.3
Engine Setback (in)	31.0, 31.0
Engine Length (in)	30, 30

PROPELLER

Mercury Name	Verado 12
Material	Stainless Steel
Pitch	29.0, 29.0
Number of Blades	4/3

BOAT

Boat Brand	Formula
Boat Model	380
Boat Type	Yacht
Boat Material	Fiberglass
Length (ft)	38
Beam (ft)	12
Fuel Tank Capacity (gal)	264
Steering Type	Joystick
Dry Boat Weight (lbs)	22,100

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	2.8	2.6	1.1	290
1000	5.2	4.3	1.2	323
1500	6.8	6.6	1	274
2000	8.2	10.6	0.8	204
2500	8.7	16.4	0.5	140
3000	13.8	28.9	0.5	126
3500	26.6	37.7	0.7	186
4000	34.7	42.6	0.8	215
4500	41.1	47.6	0.9	228
5000	46.5	54.9	0.8	224
5500	52.3	69.8	0.7	198
6000	58.5	90.8	0.6	170
6400	62.5	96.5	0.6	171

