BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
69.9 mph/6596 rpm

Acceleration
0 - 20 mph (seconds)
7.12

Acceleration
0 - 30 mph (seconds)
10.7



Test Date	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
July 24, 2023	75	869	Calm	3	Freshwater

ENGINE

Number of Engines	4
Engine	400R
Horsepower	400
Cylinders	10
Drive or gear model and ratio	V10 AMS 2.08
Engine Height (in)	3.0, 4.5, 4.5, 3.0
Engine Setback (in)	26.0, 25.2, 25.2, 26.0
Engine Length (in)	20, 30, 30, 20

PROPELLER

Mercury Name	Revolution X
Material	Stainless Steel
Pitch	19.0, 19.0, 19.0, 19.0
Number of Blades	4

BOAT

Boat Brand	Formula
Boat Model	400 SSC
Boat Type	Yacht
Boat Material	Fiberglass
Length (ft)	40
Beam (ft)	12
Fuel Tank Capacity (gal)	400
Steering Type	Joystick
Dry Boat Weight (lbs)	23,740

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	3	4.1	0.7	285
1000	6	7.4	0.8	326
1500	8	12.9	0.6	247
2000	8.5	21.4	0.4	158
2500	10.2	31.3	0.3	130
3000	20.5	37.1	0.6	220
3500	31.7	42.5	0.7	298
4000	38.9	49.8	0.8	312
4500	44.8	59.9	0.7	299
5000	51.1	75.1	0.7	272
5500	57.2	98.3	0.6	232
6000	62.9	108.8	0.6	231
6500	69.8	135.9	0.5	205

