BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
66.3 mph/6730 rpm

Acceleration
0 - 20 mph (seconds)
7.8

Acceleration
0 - 30 mph (seconds)
12.6

MERCURY
GO BOLDLY.®

Test Date	Air Temperature (˚F)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
February 4, 2019	50	Smooth	11	Freshwater

ENGINE

Number of Engines	4
Engine	Verado
Horsepower	400
Cylinders	6
Drive or gear model and ratio	HD Camber 1.75
Engine Length (in)	20, 30, 30, 20

PROPELLER

Mercury Name	Revolution 4 XP
Material	Stainless Steel
Pitch	20, 20, 20, 20
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)	23,700

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	4.1	3.5	1.2	468
1000	5.9	5.2	1.1	454
1500	8.1	9	0.9	362
2000	9.4	15.4	0.6	246
2500	9.7	27.6	0.4	141
3000	18.3	31.5	0.6	232
3500	22.8	38.4	0.6	238
4000	28.2	44.1	0.6	256
4500	36.7	49.8	0.7	295
5000	43.4	58	0.7	300
5500	48.9	69.2	0.7	293
6000	55.5	88.2	0.6	252
6500	62.4	135.4	0.5	200

