

PERFORMANCE SUMMARY

Top Speed

(mph @ rpm)

60.8 mph/5986 rpm

Acceleration

0 - 20 mph (seconds)

8.9

Acceleration

0 - 30 mph (seconds)

14.1



Test Date

August 14, 2018

Air Temperature (°F)

90

Elevation (ft)

75

Sea State

Calm

Wind Velocity Range (mph)

5

Fresh/Salt Water

Freshwater

ENGINE

Number of Engines	4
Engine	Verado
Horsepower	300
Cylinders	8
Drive or gear model and ratio	HD Camber 1.85
Engine Height (in)	3, 4.5, 4.5, 3
Engine Setback (in)	26, 25.5, 25.5, 26
Engine Length (in)	20, 30, 30, 20

PROPELLER

Mercury Name	Revolution 4 XP
Material	Stainless Steel
Pitch	22, 22, 22, 22
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)	24,296

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	2.6	3.2	0.8	0
1000	6	5.8	1	0
1500	8.4	10	0.8	0
2000	10.1	16.8	0.6	0
2500	11.1	25.6	0.4	0
3000	17.5	34	0.5	0
3500	23.2	44	0.5	0
4000	29.1	49.8	0.6	0
4500	38.8	53.8	0.7	0
5000	45.1	65.8	0.7	0
5500	51.3	77.8	0.7	0
6000	60.3	94	0.6	0

