

PERFORMANCE SUMMARY

Top Speed

(mph @ rpm)

64.5 mph/6975 rpm

Acceleration

0 - 20 mph (seconds)

7.7

Acceleration

0 - 30 mph (seconds)

11.9



Test Date

May 9, 2019

Air Temperature (°F)

74

Elevation (ft)

472

Sea State

Slight

Wind Velocity Range (mph)

7

Fresh/Salt Water

Freshwater

ENGINE

Number of Engines	4
Engine	400R
Horsepower	400
Cylinders	8
Drive or gear model and ratio	HD Camber 1.75
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
Material	Stainless Steel
Pitch	19, 19, 19, 19
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)	26,700

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	3.3	3.5	0.9	378
1000	5.4	5.2	1	415
1500	8.3	8	1	412
2000	10.3	13.2	0.8	311
2500	11.5	22.3	0.5	207
3000	15	31.8	0.5	189
3500	20.5	40	0.5	205
4000	32	53.1	0.6	241
4500	41.3	65.2	0.6	0
5000	45.3	69.5	0.7	0
5500	49.7	73.2	0.7	271
6000	53.8	108.8	0.5	0
6500	61.5	145.3	0.4	0

