BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
53.8 mph/5870 rpm

Acceleration
0 - 20 mph (seconds)
8.72

Acceleration
0 - 30 mph (seconds)
14.84



Test Date	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
September 21, 2020	76	875	Calm	5	Freshwater

ENGINE

Number of Engines	3
Engine	Verado
Horsepower	300
Cylinders	8
Drive or gear model and ratio	HD Straight 1.85
Engine Height (in)	2.8, 5.0, 2.8
Engine Setback (in)	31.0, 31.0, 31.0
Engine Length (in)	25, 30, 25

PROPELLER

Mercury Name	Revolution 4 XP
Material	Stainless Steel
Pitch	20.0, 20.0, 20.0
Number of Blades	4

BOAT

Boat Brand	Formula
Boat Model	380 SSC
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	3	2.4	1.3	333
1000	5.4	4.3	1.3	333
1500	7.5	7.1	1.1	278
2000	8.4	11.7	0.7	189
2500	8.5	17.3	0.5	130
3000	10.1	26.4	0.4	101
3500	19.7	31.6	0.6	164
4000	26	36.1	0.7	190
4500	33.2	43	0.8	204
5000	43.8	52.6	0.8	220
5500	49.7	62.2	0.8	211
6000	53.4	70.6	0.8	200

