BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
58.4 mph/5282 rpm

Acceleration
0 - 20 mph (seconds)
6.38

Acceleration
0 - 30 mph (seconds)
8.97

Test Date	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
April 25, 2024	45	876	Calm	6	Freshwater

ENGINE

Number of Engines	2
Engine	Race
Horsepower	520
Cylinders	8
Drive or gear model and ratio	Bravo Three 1.81
Engine Height (in)	5.0, 5.0
Engine Setback (in)	6.5, 6.5

PROPELLER

Mercury Name	Bravo 3 XR
Material	Stainless Steel
Pitch	23.0, 23.0
Number of Blades	4

BOAT

Boat Brand	Formula
Boat Model	350 CBR
Boat Type	Yacht
Boat Material	Fiberglass
Length (ft)	35
Beam (ft)	10.9
Fuel Tank Capacity (gal)	252
Steering Type	Joystick
Dry Boat Weight (lbs)	14,975

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	4.4	3.2	1.4	346
1000	7	6.4	1.1	275
1500	8.7	10.9	0.8	200
2000	9.7	16.6	0.6	147
2500	21.7	22.3	1	244
3000	32.2	26.3	1.2	309
3500	38.9	33.7	1.2	290
4000	44.7	45	1	250
4500	49.9	53.9	0.9	233
5000	55.3	73.2	0.8	190
5282	58.3	83.3	0	0

