BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
51.9 mph/6147 rpm

Acceleration
0 - 20 mph (seconds)
5.02

Acceleration
0 - 30 mph (seconds)
8.15

MERCURY
GO BOLDLY.®

Test Date	Air Temperature (˚F)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
April 13, 2023	57	Choppy	10	Saltwater

ENGINE

Number of Engines	2
Engine	Verado
Horsepower	400
Cylinders	10
Drive or gear model and ratio	V10 AMS 2.08
Engine Height (in)	1.3, 1.3
Engine Setback (in)	10.8, 10.8
Engine Length (in)	30, 30

PROPELLER

Mercury Name	Revolution X
Material	Stainless Steel
Pitch	21, 21
Number of Blades	4

BOAT

Boat Brand	Back Cove
Boat Model	340
Boat Type	Yacht
Boat Material	Fiberglass
Length (ft)	38.11
Beam (ft)	11.9
Fuel Tank Capacity (gal)	250
Steering Type	Joystick
Dry Boat Weight (lbs)	17,000

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	2.6	1.8	1.4	357
1000	6.2	3.3	1.9	468
1500	8.6	5.5	1.6	389
2000	10.9	9.4	1.2	291
2500	14	11.6	1.2	303
3000	18.5	15.6	1.2	296
3500	23.4	20.4	1.1	286
4000	32	26.6	1.2	300
4500	37.1	33.1	1.1	280
5000	41.9	46.7	0.9	224
5500	46.5	58.9	0.8	197
6000	51.2	67.3	0.8	190
6147	51.9	68.3	0.8	188

