BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
55.5 mph/6002 rpm

Acceleration
0 - 20 mph (seconds)
5.36

Acceleration
0 - 30 mph (seconds)
7.82



Test Date	Air Temperature (˚F)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
August 9, 2023	95	Calm	10	Brackish

ENGINE

Number of Engines	2
Engine	FourStroke
Horsepower	225
Cylinders	6
Drive or gear model and ratio	5.44" 1.75
Engine Height (in)	5.0, 5.0
Engine Setback (in)	34.0, 34.0
Engine Length (in)	25, 25

PROPELLER

Mercury Name	Revolution 4
Material	Stainless Steel
Pitch	19.0, 19.0
Number of Blades	4

BOAT

Boat Brand	Blazer Bay
Boat Model	27 Hybrid
Boat Type	Bay Boat
Boat Material	Fiberglass
Length (ft)	26.6
Beam (ft)	9.1
Fuel Tank Capacity (gal)	110
Steering Type	Hydraulic Steering
Dry Boat Weight (lbs)	9,000

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	5.6	1.4	4	441
1000	6.1	2.5	2.4	264
1500	7.7	4.1	1.9	206
2000	9.2	6.4	1.4	158
2500	15.3	9.4	1.6	177
3000	24	9.9	2.4	265
3500	30	12.9	2.3	255
4000	37.2	15.8	2.4	259
4500	41.4	19.6	2.1	231
5000	45.7	24.2	1.9	207
5500	50.7	31.8	1.6	175
6000	55.5	36.7	1.5	166

