BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
71 mph/6409 rpm

Acceleration
0 - 20 mph (seconds)
6.88

Acceleration
0 - 30 mph (seconds)
9.45



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	1
Engine	400R
Horsepower	400
Cylinders	10
Drive or gear model and ratio	5.44" 1.60
Engine Height (in)	5.5
Engine Setback (in)	34
Engine Length (in)	25

PROPELLER

Mercury Name	Bravo I FS
Material	Stainless Steel
Pitch	22
Number of Blades	4

BOAT

Boat Brand	Blazer Bay
Boat Model	25 Bay
Boat Type	Bay Boat
Boat Material	Fiberglass
Length (ft)	25.6
Beam (ft)	8.5
Fuel Tank Capacity (gal)	76
Steering Type	Power Steering
Dry Boat Weight (lbs)	8,000

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	5	1.3	3.8	305
1000	6.1	2.1	3	237
1500	7.7	3.4	2.3	181
2000	9	5.8	1.6	124
2500	14.7	7.2	2	163
3000	29.2	8	3.6	291
3500	35.4	11.1	3.2	256
4000	39.6	12.8	3.1	247
4500	44.7	17.3	2.6	206
5000	53.5	22.1	2.4	193
5500	60.5	27.9	2.2	173
6000	67.5	32.7	2.1	165
6500	70.9	35.3	2	160

