BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
58.2 mph/5934 rpm

Acceleration
0 - 20 mph (seconds)
5.3

Acceleration
0 - 30 mph (seconds)
8.1



Test Date	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
February 27, 2018	80	75	Calm	5	Freshwater

ENGINE

Number of Engines	2
Engine	FourStroke
Horsepower	225
Cylinders	6
Drive or gear model and ratio	Standard 1.85
Engine Height (in)	2, 2
Engine Setback (in)	10.5, 10.5
Engine Length (in)	25, 25

PROPELLER

Mercury Name	Enertia
Material	Stainless Steel
Pitch	21, 21
Number of Blades	3

BOAT

Boat Brand	Blackfin
Boat Model	242CC
Boat Type	Center Console
Boat Material	Fiberglass
Length (ft)	24
Beam (ft)	8.9
Fuel Tank Capacity (gal)	140
Steering Type	Power Steering
Dry Boat Weight (lbs)	5,700

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	3.3	1.1	2.9	404
1000	5.3	2	2.7	376
1500	7.5	3.6	2.1	294
2000	8.9	5.7	1.6	220
2500	13.7	7.9	1.7	244
3000	23.2	10.2	2.3	320
3500	30	12.9	2.3	325
4000	37	16.7	2.2	311
4500	43.2	21	2.1	288
5000	49	30	1.6	229
5500	55.6	37.5	1.5	208
6000	58.2	38.2	1.5	213

