BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
61.3 mph/5957 rpm

Acceleration
0 - 20 mph (seconds)
6.48

Acceleration
0 - 30 mph (seconds)
8.85



Test Date	Air Temperature (˚F)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
November 15, 2022	58	Heavy	15	Brackish

ENGINE

Number of Engines	2
Engine	Verado
Horsepower	300
Cylinders	8
Drive or gear model and ratio	5.44" 1.85
Engine Height (in)	4.0, 4.0
Engine Setback (in)	42.0, 42.0
Engine Length (in)	25, 25

PROPELLER

Mercury Name	Enertia ECO
Material	Stainless Steel
Pitch	20.0, 20.0
Number of Blades	3

BOAT

Boat Brand	Albemarle
Boat Model	27 DC
Boat Type	Cruiser/Walkaround
Boat Material	Fiberglass
Length (ft)	30
Beam (ft)	8.7
Fuel Tank Capacity (gal)	170
Steering Type	Joystick
Dry Boat Weight (lbs)	8,000

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	1.6	1.8	0.9	150
1000	3.7	2.9	1.3	220
1500	8.2	4.8	1.7	287
2000	9.2	8.5	1.1	183
2500	12	12.3	1	165
3000	17.5	15.7	1.1	189
3500	32.6	16.9	2	345
4000	38.1	22.9	1.9	316
4500	43.5	34.5	1.3	214
5000	48.7	42.6	1.1	194
5500	52.8	48.1	1.1	186
6000	59.3	49.3	1.2	204

