BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
50.5 mph/5968 rpm

Acceleration
0 - 20 mph (seconds)
4.55

Acceleration
0 - 30 mph (seconds)
7.6



Test Date	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
October 31, 2022	80	75	Calm	3	Freshwater

ENGINE

Number of Engines	1
Engine	Verado
Horsepower	300
Cylinders	8
Drive or gear model and ratio	HD Straight 1.85
Engine Height (in)	0.75
Engine Setback (in)	13.75
Engine Length (in)	30

PROPELLER

Mercury Name	Enertia
Material	Stainless Steel
Pitch	19
Number of Blades	3

BOAT

Boat Brand	Trophy
Boat Model	T24 CC
Boat Type	Center Console
Boat Material	Fiberglass
Length (ft)	24
Beam (ft)	8.5
Fuel Tank Capacity (gal)	100
Steering Type	Power Steering
Dry Boat Weight (lbs)	4,466

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	2.7	0.7	3.8	377
1000	4.9	1.3	3.7	369
1500	6.8	2.1	3.2	323
2000	8.4	3.4	2.5	251
2500	10.3	4.9	2.1	208
3000	16.5	6.4	2.6	256
3500	23.1	8.2	2.8	281
4000	28.4	10.3	2.8	275
4500	26.7	13.1	2	204
5000	33.4	16.3	2.1	205
5500	45.6	21	2.2	216
5968	50.3	23.1	2.2	217

