

PERFORMANCE SUMMARY

Top Speed

(mph @ rpm)

50.2 mph/6000 rpm

Acceleration

0 - 20 mph (seconds)

4.1

Acceleration

0 - 30 mph (seconds)

6.6



Test Date

June 7, 2018

Air Temperature (°F)

65

Elevation (ft)

686

Sea State

Slight

Wind Velocity Range (mph)

6

Fresh/Salt Water

Freshwater

ENGINE

Number of Engines	1
Engine	Verado
Horsepower	300
Cylinders	8
Drive or gear model and ratio	HD Camber 1.85
Engine Length (in)	25

PROPELLER

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

BOAT

Boat Brand	Avalon
Boat Model	Catalina 27
Boat Type	Pontoon
Boat Material	Aluminum
Length (ft)	29.25
Beam (ft)	8.5
Fuel Tank Capacity (gal)	45
Steering Type	Power Steering
Dry Boat Weight (lbs)	5,000

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
1000	4.8	1.3	3.7	166
2000	9.8	3	3.3	147
3000	19	5.3	3.6	161
3500	22.7	7.3	3.1	140
4000	26.5	10.1	2.6	118
4500	30.9	12.7	2.4	109
5000	38	14.9	2.6	115
5500	43.6	19.9	2.2	99
6000	50.2	25.4	2	89

