

HONDA MARINE

Performance Report



Avalon & Tahoe Mfg

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2025 Avalon Catalina 2585 CRB

Material:	Aluminum
Length:	25'
Beam:	8.5'
Weight w/o Engine:	3100 lbs.
Max HP:	800
Fuel Capacity in Gallons:	150
Transom Height:	25"
Steering:	Optimus EPS
Jack Plate:	No
Mounting Hole:	#4 #4

Test Conditions

Elevation (ft):	712
Wind Velocity (mph):	6
Air Temperature (°F):	73
Water Conditions:	Moderate Chop
Fuel Load in Gallons:	120
Number of People:	2 People
Test Date	07/16/24

Propeller

Lexor HP3

Material:	Stainless Steel
Diameter/Pitch:	16 x 21
No. of Blades:	3
Part Number:	58180-ZVP-601
Part Number:	58130-ZVP-601
Prop Vent Hole:	NA

Performance Data

RPM	MPH	GPH	MPG	RANGE*
650	4.0	1.4	2.9	385.1
1000	6.0	2.7	2.2	300.7
1500	9.5	5.2	1.8	247.9
2000	18.2	7.2	2.5	340.0
2500	24.6	10.5	2.3	316.6
3000	31.5	14.8	2.1	286.0
3500	37.8	19.8	1.9	257.5
4000	43.9	27.3	1.6	217.1
4500	49.5	35.0	1.4	191.2
5000	54.4	43.3	1.3	169.4
5500	60.2	59.5	1.0	136.6
5969	64.5	132.9	0.5	65.5

Acceleration (0-20 MPH) - 4.6 Seconds

* - Fuel range (Miles) data based on 90% of fuel capacity

Engine

Twin Honda BF350A

Engine Type:	60° V-8 VTEC
Horsepower:	350
Displacement:	5.0L
Operating Range:	5000-6000
Weight:	765
Gear Ratio:	1.79:1
Control Type:	IST



Data presented should be used as a guide. Actual results may vary due to changes in weather, water conditions, elevation and load. Honda reserves the right to change the specifications on this report or it's engines without notice

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