

HONDA MARINE

Performance Report



Avalon
903 Michigan Avenue
Alma, MI 48801

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2022 Avalon Catalina Platinum

Material:	Aluminum
Length:	25'
Beam:	8'5"
Weight w/o Engine:	4000 lbs.
Max HP:	800
Fuel Capacity in Gallons:	100
Transom Height:	25
Steering:	Hydraulic Power Steering
Jack Plate:	No
Mounting Hole:	#3 #3

Test Conditions

Elevation (ft):	810
Wind Velocity (mph):	5
Air Temperature (°F):	51
Water Conditions:	Calm
Fuel Load in Gallons:	35
Weight:	2 Occupant Plus Test Gear

Test Date 05/04/22

Propeller

Solas Lexor	
Material:	Stainless Steel
Diameter/Pitch:	15 3/8 x 18
No. of Blades:	3
Part Number:	58133-ZY3-B18LX
Part Number:	58133-ZY3-A18LX
Prop Vent Hole:	NA

Performance Data

RPM	MPH	GPH	MPG	RANGE*
650	3.20	0.95	3.36	302.38
1000	5.45	1.87	2.92	262.74
1500	7.68	3.06	2.51	225.75
2000	11.49	3.92	2.93	263.94
2500	17.73	6.01	2.95	265.43
3000	23.02	9.56	2.41	216.72
3500	27.47	12.59	2.18	196.31
4000	32.86	17.46	1.88	169.36
4500	36.90	20.89	1.77	158.93
5000	42.44	27.68	1.53	138.00
5500	46.05	31.43	1.47	131.87
6000	50.41	39.88	1.26	113.75
WOT (6307)	52.79	46.13	1.14	102.99

Acceleration (0-20 MPH) - 3.6 Seconds

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

Engine

Twin Honda BF250D

Engine Type:	60° V-6 VTEC
Horsepower:	250
Displacement:	3.6 L
Operating Range:	5300-6300
Weight:	621
Gear Ratio:	2.0:1
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 its engines without notice

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