

# SUZUKI PERFORMANCE NOTEBOOK

Lake Perris, CA

Suzuki Marine

Test Date: 12-27-10

Test Boat: Alumacraft

Boat Type: Fish & Ski

Test Motor: Suzuki DF50A



BOAT	ENGINE	OTHER SPECS
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<p><b>2010 Alumacraft 165CS</b></p> <p>Material Aluminum                  Length 16' 4"                  Beam 82"                  Weight 895 lbs.                  Maximum HP 75                  Fuel Capacity 20 gallons                  Transom Height 20"                  Steering Rack &amp; Pinion (Cabl</p>	<p><b>Suzuki DF50A Outboard</b></p> <p>Engine Type 3 cyl. In-line                  HP 50                  Displacement 941 cc                  Operating Range 5300-6300                  Weight 231 lbs                  Lubrication Wet Sump                  Fuel Delivery Multi-Point EFI                  Ignition Solid State</p>	<p><b>Propeller</b></p> <p>Material Stainless Steel                  Diameter/Pitch 11.75 x 12                  Number of Blades 3</p> <p><b>Mounting Height</b></p> <p>Hole Position 2nd Hole Up                  Jack Plate N/A</p>
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PERFORMANCE DATA	TEST CONDITIONS
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RPM	MPH	GPH	MPG	RANGE	DB	
IDLE	2.4	0.10	24.00	432	n/a	Water Conditions Smooth Wind Velocity Light Breeze Air Temperature 65 Fuel Load 15 gallons Weight Onboard 2 persons Full Safety Gear
1000	3.1	0.10	31.00	558	n/a	
1500	4.5	0.30	15.00	270	n/a	
2000	5.6	0.50	11.20	202	n/a	
2500	6.5	0.70	9.29	167	n/a	
3000	7.2	1.10	6.55	118	n/a	
3500	10.1	1.50	6.73	121	n/a	
4000	16.2	1.60	10.13	182	n/a	
4500	21.4	2.10	10.19	183	n/a	
5000	24.5	2.90	8.45	152	n/a	
5500	27.8	3.60	7.72	139	n/a	
6000	30.8	4.20	7.33	132	n/a	
6300	32.2	4.50	7.16	129	n/a	

Results may vary. Range based on 90% fuel capacity.

PERFORMANCE SUMMARY
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Top Speed	35.1
0-25 Acceleration	6.4 seconds
Optimum Cruising	183 Miles
Range	@ 4500
Best Cruising	10.57 MPG
Fuel Efficiency	@ 3000 RPM

**FOR MORE INFORMATION, CONTACT:**

Alumacraft Boats  
 315 W. Saint Julien Street  
 St. Peter, MN 56082  
 (877) 930-9222

Suzuki Marine  
 (714) 996-7040  
[www.suzuki.com](http://www.suzuki.com)

