

SUZUKI PERFORMANCE NOTEBOOK

Monticello, AR, Monticello Lake

Suzuki Marine

Test Date: 9-24-17

Test Boat: SeaArk

Boat Type: Aluminum Fishing

Test Motor: DF40ATL



BOAT		ENGINE		OTHER SPECS	
Rebel 15		Suzuki DF40ATL		Propeller	
Material	Aluminium	Engine Type	Inline 3	Material	SS
Length	15'	HP	40 hp	Diameter/Pitch	11.25" X 13"
Beam	67"	Displacement	941 CC	Number of Blades	3
Weight	600 lbs	Operating Range	5000-6000 RPM	Mounting Height	
Maximum HP	40	Weight	229 lbs	Hole Position	2nd hole up
Fuel Capacity	6 gallons	Lubrication	Wet Sump	Jack Plate	N/A
Transom Height	20"	Fuel Delivery	Multi-Point EFI		
Steering	Stick Steering	Ignition	Solid State		

PERFORMANCE DATA					TEST CONDITIONS	
RPM	MPH	GPH	MPG	RANGE	Water Conditions	Light chop
IDLE	3.2	0.1	32.0	173	Wind Velocity	5 to 10 mph
1000	3.5	0.1	35.0	189	Air Temperature	90
1500	5.1	0.3	17.0	92	Fuel Load	4 gal.
2000	6.7	0.6	11.2	60	Weight Onboard	1 Person with Full Safety Gear
2500	10.6	0.9	11.8	64		
3000	15.6	1.2	13.0	70		
3500	20.6	1.5	13.7	74		
4000	24.9	1.9	13.1	71		
4500	29.0	2.5	11.6	63		
5000	32.1	3.1	10.4	56		
5150	32.5	3.3	9.8	53		

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

PERFORMANCE SUMMARY

Top Speed	32.5 mph
0-20 Acceleration	5.1 seconds
Optimum Cruising Range	@ 3500 RPM 74 Miles
Best Cruising	@ 3500 RPM
Fuel Efficiency	13.7 MPG

FOR MORE INFORMATION, CONTACT:

SeaArk Boats
Monticello, AR
(870) 367-5317
www.searkboats.com

Suzuki Marine
www.suzukimarine.com





Boat Information & Test Data



Boat Mfg	SeaArk		
Model	Rebel 15		
Material	Aluminum		
Length	15'		
Beam/Width	67"		
Weight	600 lbs		
Max HP	40		
Fuel Capacity	6 gal.		
Transom Height	20"		
Steering	Stick Steer		
Jack Plate	N/A		
Additional options			
Additional options			
0 to 20 (25) (30) _{MPH}	5.1	5.1	5.1
	Average		5.1

Date	9/23/2017
Location	Monticello, AR
Lake/River/Coastal	Lake Monticello
Conditions	Light chop
Wind	5 to 10 mph
Temperature	90
Fuel Load	4 gal
Boat Load	1 person with Full Safety Gear
Engine Model	DF40ATL
Prop type <small>(3 or 4 blade)</small>	3 blade
Diameter/Pitch	
Material <small>(AL or SS)</small>	AL
Engine Height	2nd hole up

Pass 1		
RPM	MPH	GPH
Idle	2.9	0.1
1000	3.3	0.1
1500	5.1	0.3
2000	6.7	0.6
2500	10.2	0.9
3000	15.3	1.2
3500	20.6	1.5
4000	24.6	2.1
4500	28.9	2.5
5000	32.0	3.1
5150	32.3	3.3

Average	
MPH	GPH
3.2	0.1
3.5	0.1
5.1	0.3
6.7	0.6
10.6	0.9
15.6	1.2
20.6	1.5
24.9	1.9
29.0	2.5
32.1	3.1
32.5	3.3
#VALUE!	#VALUE!
#VALUE!	#VALUE!

Pass 2		
RPM	MPH	GPH
Idle	3.5	0.1
1000	3.7	0.1
1500	5.1	0.3
2000	6.7	0.5
2500	11.0	0.9
3000	15.8	1.2
3500	20.5	1.4
4000	25.1	1.7
4500	29.0	2.4
5000	32.2	3.1
5150	32.7	3.2

Comments:
