

# SUZUKI PERFORMANCE NOTEBOOK

LAKE CONROE, TEXAS

TEST NO: 2004-051

TEST DATE: 11/18/04

TEST BOAT: Ranger 2300 Bay

TEST MOTOR: Suzuki DF250



## BOAT

**2005 Ranger 2300 Bay**  
 Material      Fiberglass  
 Length        23' 2"  
 Beam          8' 4.5"  
 Weight        2640 Lbs.  
 Maximum HP   300 HP  
 Fuel Capacity   70 Gallons  
 Transom Height 24.5"  
 Steering       Hydraulic

## ENGINE

**SUZUKI DF250 V6 OUTBOARDS**  
 Engine Type   4-Stroke V6  
 HP              250 HP  
 Displacement   220.5 cu.in.  
 Operating Range 5500 – 6100 RPM  
 Weight        580 Lbs.  
 Lubrication    Wet Sump  
 Fuel Delivery   Multipoint EFI  
 Ignition        Solid State

## OTHER SPECS

**PROPELLER**  
 Material        Stainless Steel  
 Diameter/Pitch 16 x 21.5  
 Number of Blades 3  
 Part Number    99105-00800-215

**MOUNTING HEIGHT**  
 Hole Position   4th Hole Up  
 Jack Plate       No

## PERFORMANCE DATA

RPM	MPH	GPH	MPG	RANGE	dB
IDLE	3.0	0.5	6.0	378	62
1000	4.9	1.15	4.3	271	65
1500	7.0	1.65	4.24	267	65
2000	8.3	2.75	3.02	190	69
2500	13.4	4.30	3.10	196	76
3000	23.1	5.45	4.23	266	78
3500	28.3	7.35	3.84	242	79
4000	33.0	9.10	3.63	228	84
4500	38.3	11.80	3.24	204	87
5000	42.3	14.95	2.83	178	86
5500	47.4	19.35	2.45	154	87
6100	51.6	23.40	2.21	139	91

Results may vary.

Range (Miles) Based on 90% Fuel Capacity

## TEST CONDITIONS

Water Conditions   Light Chop  
 Wind Velocity      2 to 3 MPH  
 Air Temperature    65° F  
 Fuel Load          52 Gallons  
 Weight Onboard    2 Persons  
                              50 lb. Gear

## PERFORMANCE SUMMARY

Top Speed            51.6 MPH  
 Time to Plane       3.92 seconds  
 Acceleration       0 to 30 MPH in 6.34 sec.  
 Optimum            266 Miles  
 Cruising Range     @ 3000 RPM  
 Best Fuel            4.23 MPG @ 3000 RPM  
 Efficiency

FOR MORE INFORMATION, CONTACT:

**RANGER BOATS**  
 www.rangerboats.com

**SUZUKI MARINE**  
 Phone: (800) 247-4704  
 www.suzuki.com

