

# SUZUKI PERFORMANCE NOTEBOOK

Kentucky Lake, TN  
Test Boat: Ranger

Suzuki Marine  
Boat Type: Bass Boat

Test Date: 3/19/2008  
Test Motor: Suzuki DF250SS



| BOAT  |                  | ENGINE                             |                 | OTHER SPECS            |                 |                            |                     |
|---|------------------|------------------------------------|-----------------|------------------------|-----------------|----------------------------|---------------------|
| <b>2008 Ranger Z520</b>                             |                  | <b>Suzuki DF250SS V-6 Outboard</b> |                 | <b>Propeller</b>       |                 |                            |                     |
| Material  | Fiberglass       | Engine Type                        | 4-Stroke V-6    | Material               | Stainless Steel |                            |                     |
| Length  | 20' 9"           | HP                                 | 250             | Diameter/Pitch         | 14.5 X 30       |                            |                     |
| Beam  | 95"              | Displacement                       | 4.0 Liter       | Number of Blades       | 4               |                            |                     |
| Weight  | 1825 lb.s        | Operating Range                    | 5300-6300       | <b>Mounting Height</b> |                 |                            |                     |
| Maximum HP  | 250              | Weight                             | 580 lbs         | Hole Position          | Adjustable      |                            |                     |
| Fuel Capacity                                       | (2) 26 Gallons   | Lubrication                        | Wet Sump        | Jack Plate             | Yes             |                            |                     |
| Transom Height                                      | 23" (adjustable) | Fuel Delivery                      | Multi-Point EFI |                        |                 |                            |                     |
| Steering  | Hydraulic        | Ignition                           | Solid State     |                        |                 |                            |                     |
| PERFORMANCE DATA                                    |                  |                                    |                 |                        |                 | TEST CONDITIONS            |                     |
| <b>RPM</b>  | <b>MPH</b>       | <b>GPH</b>                         | <b>MPG</b>      | <b>RANGE</b>           | <b>DB</b>       | Water Conditions           | Light chop          |
| IDLE  | 3.2              | 0.5                                | 6.40            | 301                    | n/a             | Wind Velocity              | 3 to 5 mph          |
| 1000  | 5.0              | 1.1                                | 4.55            | 214                    | n/a             | Air Temperature            | 55 degrees          |
| 1500  | 6.6              | 2.1                                | 3.14            | 148                    | n/a             | Fuel Load                  | 40 gallons          |
| 2000  | 7.8              | 3.9                                | 2.00            | 94                     | n/a             | Weight Onboard             | 2 persons           |
| 2500  | 9.1              | 6.3                                | 1.44            | 68                     | n/a             |                            | Tournament load     |
| 3000  | 25.8             | 5.9                                | 4.37            | 206                    | n/a             |                            | 3/4 full live wells |
| 3500  | 31.7             | 7.8                                | 4.06            | 191                    | n/a             | <b>PERFORMANCE SUMMARY</b> |                     |
| 4000  | 38.4             | 11.7                               | 3.28            | 154                    | n/a             | Top Speed                  | 76.5                |
| 4500  | 45.6             | 12.8                               | 3.56            | 167                    | n/a             | 0-30 Acceleration          | 7.4 seconds         |
| 5000  | 55.1             | 16.6                               | 3.32            | 156                    | n/a             | Optimum Cruising           | 206 Miles           |
| 5500  | 59.2             | 17.1                               | 3.46            | 163                    | n/a             | Range                      | @ 3000              |
| 6000  | 71.0             | 23.3                               | 3.05            | 143                    | n/a             | Best Cruising Fuel         | 4.37 MPG            |
| 6250  | 76.5             | 24.5                               | 3.12            | 147                    |                 | Efficiency                 | @ 3000              |
| Results may vary. Range based on 90% fuel capacity. |                  |                                    |                 |                        |                 |                            |                     |

FOR MORE INFORMATION, CONTACT:

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