

# SUZUKI PERFORMANCE NOTEBOOK

Shawnee, OK Twin Lakes  
Test Boat: Blue Wave 1902

Suzuki Marine  
Boat Type: Bay Boat

Test Date: 8-17-17  
Test Motor: DF140ATL



| BOAT                  |                   | ENGINE                 |                 | OTHER SPECS            |                 |
|-----------------------|-------------------|------------------------|-----------------|------------------------|-----------------|
| <b>Blue Wave 1902</b> |                   | <b>Suzuki DF140ATL</b> |                 | <b>Propeller</b>       |                 |
| Material              | Fiberglass        | Engine Type            | 4 cyl. In-line  | Material               | Stainless Steel |
| Length                | 19' 2"            | HP                     | 140 hp          | Diameter/Pitch         | 14 X 22         |
| Beam                  | 98"               | Displacement           | 2044 CC         | Number of Blades       | 3               |
| Weight                | 1305 lbs          | Operating Range        | 5600-6200 RPM   | <b>Mounting Height</b> |                 |
| Maximum HP            | 150 HP            | Weight                 | 394 lbs         | Hole Position          | 3rd hole up     |
| Fuel Capacity         | 30 gallons        | Lubrication            | Wet Sump        | Jack Plate             | n/a             |
| Transom Height        | 20"               | Fuel Delivery          | Multi-Point EFI |                        |                 |
| Steering              | SeaStar Hydraulic | Ignition               | Solid State     |                        |                 |

| PERFORMANCE DATA                                    |            |            |            |              | TEST CONDITIONS  |                                |
|---|------------|------------|------------|--------------|------------------|--------------------------------|
| <b>RPM</b>  | <b>MPH</b> | <b>GPH</b> | <b>MPG</b> | <b>RANGE</b> | Water Conditions | Light Chop                     |
| IDLE  | 2.8        | 0.3        | 9.33       | 252          | Wind Velocity    | 10 mph                         |
| 1000  | 4.2        | 0.5        | 8.40       | 227          | Air Temperature  | 85 degrees                     |
| 1500  | 5.6        | 0.8        | 7.00       | 189          | Fuel Load        | 20 gallons                     |
| 2000  | 6.8        | 1.4        | 4.86       | 131          | Weight Onboard   | 1 Person with Full Safety Gear |
| 2500  | 8.4        | 2.2        | 3.82       | 103          |                  |                                |
| 3000  | 17.9       | 2.7        | 6.63       | 179          |                  |                                |
| 3500  | 23.8       | 3.4        | 7.00       | 189          |                  |                                |
| 4000  | 28.1       | 4.2        | 6.69       | 181          |                  |                                |
| 4500  | 31.6       | 5.2        | 6.08       | 164          |                  |                                |
| 5000  | 34.9       | 7.2        | 4.85       | 131          |                  |                                |
| 5500  | 38.7       | 8.5        | 4.55       | 123          |                  |                                |
| 6000  | 42.6       | 10.4       | 4.10       | 111          |                  |                                |
| 6150  | 45.0       | 12.2       | 3.69       | 100          |                  |                                |
| Results may vary. Range based on 90% fuel capacity. |            |            |            |              |                  |                                |

## PERFORMANCE SUMMARY

|                        |                         |
|------------------------|-------------------------|
| Top Speed              | 45 mph                  |
| 0-25 Acceleration      | 6.5 seconds             |
| Optimum Cruising Range | @ 3500 RPM<br>189 Miles |
| Best Cruising          | @ 3500 RPM              |
| Fuel Efficiency        | 7.0 MPG                 |

FOR MORE INFORMATION, CONTACT:

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