

EVINRUDE®

PERFORMANCE REPORT

BULLETIN #: PE285

ENGINE: E90DPLSRC

DATE OF TEST: 10/30/03



Bombardier Recreational Products
10101 Science Drive
Sturtevant, WI 53177
www.evinrude.com



Ranger Boats
PO Box 179
Flippin, Arkansas 72634
Tel: (870) 453-2222
www.rangerboats.com

2004 Ranger 169 Ghost



| BOAT | |
|-----------------------|-------------|
| 2004 RANGER 169 GHOST | |
| Material:..... | Fiberglass |
| Length:..... | 16' 9" |
| Beam:..... | 82" |
| Weight w/o Engine:.. | 975 LBS Dry |
| Maximum HP:..... | 90 HP |
| Fuel Capacity:..... | 29 Gallons |
| Transom Height:..... | 20" Shaft |
| Steering:..... | Hydraulic |

| ENGINE | |
|----------------------------|-----------------------|
| 2004 EVINRUDE® E-TEC™ 90HP | |
| Engine Type:..... | INLINE 3 CYL 2 STROKE |
| Horsepower:..... | 90 HP @ 5000 RPM |
| Displacement:..... | 79 Cu. In. |
| Induction:..... | E-TEC Direct Inj. |
| Operating Range:.. | 4500-5500 RPM |
| Weight:..... | 320 LBS Dry Weight |
| Gear Ratio:..... | 2.00:1 |

| PROPELLER | |
|-------------------|------------------|
| BMCA SST | |
| Material:..... | Stainless Steel |
| Diameter/Pitch:.. | 13 7/8" x 19" |
| No. of Blades:... | 3 |
| Part Number:... | 176573 |
| MOUNTING HEIGHT | |
| Hole Position:... | #2 |
| Jack Plate:..... | Hyd. 6" Set Back |
| AV Mounting:.... | N/A |

| PERFORMANCE DATA | | | | |
|--|-------------|-------------|------------|------------|
| RPM | MPH | GPH | MPG | RANGE |
| 700 | 2.8 | 0.21 | 13.4 | 350 |
| 1000 | 4.6 | 0.36 | 12.8 | 334 |
| 1500 | 5.9 | 0.78 | 7.6 | 198 |
| 2000 | 6.9 | 1.92 | 3.6 | 93 |
| 2500 | 9.3 | 3.15 | 3.0 | 77 |
| 3000 | 21.5 | 3.37 | 6.4 | 166 |
| 3500 | 27.4 | 4.18 | 6.5 | 171 |
| 4000 | 31.9 | 5.45 | 5.8 | 152 |
| 4500 | 37.0 | 6.28 | 5.9 | 154 |
| 5000 | 41.6 | 7.39 | 5.6 | 147 |
| 5625 | 44.7 | 8.20 | 5.4 | 142 |
| Range (Miles) Based On 90% Fuel Capacity | | | | |

| TEST CONDITIONS | |
|---------------------|--|
| Water Conditions: | Heavy Chop |
| Wind Velocity:..... | 15 - 20 MPH |
| Air Temperature:.. | 85° F |
| Fuel Load:..... | 29 Gallons Full |
| Weight:..... | 1 Man (200 lbs.) Full Fuel, Test Gear 50 lbs. |

| PERFORMANCE SUMMARY | |
|-----------------------|---|
| Top Speed: | 44.7 MPH |
| Acceleration: | NA |
| Best Fuel Efficiency: | 6.5 MPG with a range of 171 Miles @ 27.4 MPH |



NOTE: Data may vary due to changes in weather and water conditions, elevation, load and boat bottom conditions, boat, engine and propeller options and conditions, and operator ability. Speed and fuel were calculated by Micro Met Transponder and Max Fuel Flow Meter. Test performed and certified by Bombardier OEM Applications Engineering.
© 2003 Bombardier Motor Corporation of America. All rights reserved.

™ ® Trademarks and Registered Trademarks of Bombardier Motor Corporation of America or its affiliates.

