

# EVINRUDE

E-TEC

## PERFORMANCE REPORT

BULLETIN #: 1170  
ENGINE 1: E115DGL

BOAT TYPE: Bass

DATE OF TEST: 7/13/2015



BRP US, Inc.  
10101 Science Drive  
Sturtevant, WI 52177  
[www.evinrude.com](http://www.evinrude.com)



Ranger Boats  
96 Ranger Road  
Flippin, AR 72634  
870-453-2222  
[www.rangerboats.com](http://www.rangerboats.com)

2016 Ranger Z175

| BOAT              |            |
|-------------------|------------|
| 2016 Ranger Z175  |            |
| Material          | Fiberglass |
| Length            | 17' 6"     |
| Beam              | 90"        |
| Weight w/o Engine | 1250 LBS   |
| Maximum HP        | 115 HP     |
| Fuel Capacity     | 23 Gallons |
| Transom Height    | 20"        |
| Steering          | Cable      |

| ENGINE                  |                    |
|-------------------------|--------------------|
| Evinrude® E-TEC® 115 HP |                    |
| Engine Type             | 60° V-4            |
| Horsepower              | 115                |
| Displacement            | 105.4 cu in / 1.7L |
| Induction               | E-TEC D.I.         |
| Operating Range         | 5500-6000 RPM      |
| Weight                  | 390 LBS Dry Weight |
| Gear Ratio              | 2.00:1             |

| PROPELLER       |               |
|-----------------|---------------|
| Viper™          |               |
| Material        | Stainless     |
| Diameter/Pitch  | 13 7/8" X 19" |
| No. of Blades   | 3             |
| Part Number     | 763931        |
| Prop Vent Hole  | NA            |
| MOUNTING HEIGHT |               |
| Hole Position   | #2            |
| Jack Plate      | No            |
| AV Mounting     | 0             |

| PERFORMANCE DATA |       |       |       |       |
|------------------|-------|-------|-------|-------|
| RPM              | MPH   | GPH   | MPG   | RANGE |
| 500              | 2.35  | 0.10  | 23.45 | 485   |
| 1000             | 3.86  | 0.30  | 12.87 | 266   |
| 1500             | 5.35  | 0.70  | 7.64  | 158   |
| 2000             | 6.56  | 1.40  | 4.69  | 97    |
| 2500             | 7.54  | 2.35  | 3.21  | 66    |
| 3000             | 12.75 | 3.65  | 3.49  | 72    |
| 3500             | 21.95 | 5.20  | 4.22  | 87    |
| 4000             | 27.70 | 5.75  | 4.82  | 100   |
| 4500             | 32.45 | 7.50  | 4.33  | 90    |
| 5000             | 36.35 | 8.40  | 4.33  | 90    |
| 5500             | 40.55 | 9.15  | 4.43  | 92    |
| 6050             | 44.65 | 10.70 | 4.17  | 86    |

| TEST CONDITIONS  |  |
|------------------|--|
| Water Conditions | Lite Chop                                |
| Wind Velocity    | 0-5 MPH                                  |
| Air Temperature  | 93° F                                    |
| Fuel Load        | 19 Gallons                               |
| Weight           | 1 Person Trolling Motor and 3 Batteries. |

| PERFORMANCE SUMMARY  |                                    |
|----------------------|------------------------------------|
| Top Speed            | 44.7 MPH                           |
| Best Fuel Efficiency | 4.82 MPG For 100 Miles @ 27.70 MPH |
| Acceleration         | 5.5 seconds to plane               |

Fuel Data Range (Miles) Based On 90% Fuel Capacity



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 NMEA 2000 I-Command. Test performed and certified by BRP OEM Applications Engineering.

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