

# EVINRUDE

E-TEC

## PERFORMANCE REPORT

BULLETIN #: 1167

BOAT TYPE: Offshore

DATE OF TEST: 9/3/2015

ENGINE 1: E300XUAGA

Engine 2: E300XCUAGA



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



Bluewater Sportfishing Boats, Inc.  
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2016 Bluewater 2850

### BOAT

2016 Bluewater 2850

|                   |                    |
|-------------------|--------------------|
| Material          | Fiberglass         |
| Length            | LOD 28' 6" LOA 31' |
| Beam              | 9' 5"              |
| Weight w/o Engine | 4260 LBS           |
| Maximum HP        | 600 HP             |
| Fuel Capacity     | 245 Gallons        |
| Transom Height    | 25"                |
| Steering          | DPS                |

### ENGINE

Evinrude® E-TEC G2 300 HP Twin

|                 |                    |
|-----------------|--------------------|
| Engine Type     | 74° V-6            |
| Horsepower      | 300                |
| Displacement    | 3.4 Liter          |
| Induction       | E-TEC DI           |
| Operating Range | 5400 - 6000 RPM    |
| Weight          | 569 LBS Dry Weight |
| Gear Ratio      | 1.85:1             |

### PROPELLER

Evinrude® RX4™

|                |               |
|----------------|---------------|
| Material       | Stainless     |
| Diameter/Pitch | 15" X 20"     |
| No. of Blades  | 4             |
| Part Number    | 177322/177323 |

| MOUNTING HEIGHT |     |
|-----------------|-----|
| Hole Position   | #2  |
| Jack Plate      | No  |
| AV Mounting     | N/A |

### PERFORMANCE DATA

| RPM  | MPH   | GPH   | MPG  | RANGE |
|------|-------|-------|------|-------|
| 500  | 3.48  | 0.60  | 5.80 | 1279  |
| 1000 | 6.89  | 1.40  | 4.92 | 1085  |
| 1500 | 9.13  | 3.70  | 2.47 | 544   |
| 2000 | 12.40 | 9.00  | 1.38 | 304   |
| 2500 | 21.40 | 10.90 | 1.96 | 433   |
| 3000 | 28.60 | 12.55 | 2.28 | 502   |
| 3500 | 34.60 | 16.10 | 2.15 | 474   |
| 4000 | 40.50 | 20.25 | 2.00 | 441   |
| 4500 | 45.85 | 23.55 | 1.95 | 429   |
| 5000 | 51.65 | 32.80 | 1.57 | 347   |
| 5500 | 56.65 | 42.40 | 1.34 | 295   |
| 5950 | 60.40 | 47.30 | 1.28 | 282   |

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

### TEST CONDITIONS

|                  |  |
|------------------|--|
| Water Conditions | Calm   |
| Wind Velocity    | NW 5 to 7 MPH MPH                                |
| Air Temperature  | 89° F  |
| Fuel Load        | 47 Gallons                                       |
| Weight           | 2 Men (500 Lbs), 4 Batteries, T-Top, Safety Gear |

### PERFORMANCE SUMMARY

|                      |                                    |
|----------------------|------------------------------------|
| Top Speed            | 60.4 MPH                           |
| Best Fuel Efficiency | 2.28 MPG For 502 Miles @ 28.60 MPH |
| Acceleration         | 2.9 seconds to plane               |



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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