



BULLETIN #: PE916

ENGINE: E50DPLAA

BOAT TYPE: Aluminum

DATE OF TEST: 6/10/12



Bombardier Recreational Products Inc.  
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Sturtevant, WI 53177  
[www.evinrude.com](http://www.evinrude.com)



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### 2013 Alumacraft MV 1650 CC

| BOAT                              |                   |
|-----------------------------------|-------------------|
| <b>2013 Alumacraft MV 1650 CC</b> |                   |
| Material:                         | Aluminum          |
| Length:                           | 16'               |
| Beam:                             | 74"               |
| Weight w/o Engine:                | 690 LBS Dry       |
| Maximum HP:                       | 60 HP             |
| Fuel Capacity:                    | 6 Gallon Portable |
| Transom Height:                   | 21"               |
| Steering:                         | Cable             |

| ENGINE                            |                    |
|-----------------------------------|--------------------|
| <b>2013 Evinrude® 50 HP ETEC®</b> |                    |
| Engine Type:                      | In Line 2 Cyl      |
| Horsepower:                       | 50 HP @ 5750 RPM   |
| Displacement:                     | 52.7 cu in         |
| Induction:                        | ETEC DFI           |
| Operating Range:                  | 5500-6000 RPM      |
| Weight:                           | 240 LBS Dry Weight |
| Gear Ratio:                       | 2.67:1             |

| PROPELLER       |              |
|-----------------|--------------|
| <b>BRP</b>      |              |
| Material:       | Aluminum     |
| Diameter/Pitch: | 13 1/2 x 15" |
| No. of Blades:  | 3            |
| Part Number:    | 765182       |
| MOUNTING HEIGHT |              |
| Hole Position:  | #2           |
| Jack Plate:     | N/A          |
| AV Mounting:    | N/A          |

| PERFORMANCE DATA |             |             |             |           |
|------------------|-------------|-------------|-------------|-----------|
| RPM              | MPH         | GPH         | MPG         | RANGE     |
| 850              | 3.0         | 0.10        | 29.5        | 159       |
| 1000             | 3.4         | 0.10        | 33.5        | 181       |
| 1500             | 4.9         | 0.30        | 16.3        | 88        |
| 2000             | 6.3         | 0.60        | 10.4        | 56        |
| 2500             | 8.0         | 1.10        | 7.3         | 39        |
| 3000             | 13.4        | 1.50        | 8.9         | 48        |
| <b>3500</b>      | <b>18.4</b> | <b>1.70</b> | <b>10.8</b> | <b>58</b> |
| 4000             | 22.6        | 2.20        | 10.3        | 55        |
| 4500             | 25.8        | 2.60        | 9.9         | 53        |
| 5000             | 28.6        | 3.25        | 8.8         | 47        |
| 5500             | 31.3        | 4.05        | 7.7         | 42        |
| 5675             | 32.6        | 4.40        | 7.4         | 40        |

Range (Miles) Based On 90% Fuel Capacity

| TEST CONDITIONS   |   |
|-------------------|---|
| Water Conditions: | Light Chop  |
| Wind Velocity:    | 5-10 MPH  |
| Air Temperature:  | 90° F   |
| Fuel Load:        | Full  |
| Weight:           | 2 Men, Fuel, Safety/Test Gear<br>Trolling Motor and 2 Batteries |

| PERFORMANCE SUMMARY   |
|---|
| Top Speed: <b>32.6 MPH</b>  |
| Best Fuel Efficiency: <b>10.8 MPG with a range of 58 Miles @ 18.4 MPH</b> |
| Acceleration: <b>3.9 seconds to plane</b>                                 |

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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