



BULLETIN #: PE917

ENGINE: E25DTELA

BOAT TYPE: Aluminum

DATE OF TEST: 6/10/12



Bombardier Recreational Products Inc.  
10101 Science Drive  
Sturtevant, WI 53177  
[www.evinrude.com](http://www.evinrude.com)



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### 2013 Alumacraft MV 1648 NCS

BOAT	
<b>2013 Alumacraft MV 1648 NCS</b>	
Material:	Aluminum
Length:	16'
Beam:	70"
Weight w/o Engine:	380 LBS Dry
Maximum HP:	30 HP
Fuel Capacity:	6 Gallon Portable
Transom Height:	22"
Steering:	Tiller

ENGINE	
<b>2013 Evinrude® 25 HP ETEC®</b>	
Engine Type:	In Line 2 Cyl
Horsepower:	25 HP @ 5500 RPM
Displacement:	35.2 cu in
Induction:	ETEC DFI
Operating Range:	5500-6000 RPM
Weight:	162 LBS Dry Weight
Gear Ratio:	2.15:1

PROPELLER	
<b>BRP</b>	
Material:	Aluminum
Diameter/Pitch:	10.3 x 12"
No. of Blades:	3
Part Number:	177249
MOUNTING HEIGHT	
Hole Position:	On Transom
Jack Plate:	N/A
AV Mounting:	N/A

PERFORMANCE DATA				
RPM	MPH	GPH	MPG	RANGE
750	2.1	0.07	29.3	158
1000	2.9	0.11	25.9	140
1500	4.1	0.19	21.6	117
2000	5.3	0.31	16.9	91
2500	6.3	0.51	12.4	67
3000	8.0	0.75	10.7	58
3500	12.9	1.01	12.7	69
4000	17.2	1.30	13.2	71
<b>4500</b>	<b>20.4</b>	<b>1.48</b>	<b>13.8</b>	<b>74</b>
5000	23.4	1.88	12.4	67
5500	25.7	2.23	11.5	62
5600	26.2	2.34	11.2	60

Range (Miles) Based On 90% Fuel Capacity

TEST CONDITIONS	
Water Conditions:	Light Chop
Wind Velocity:	0-5 MPH
Air Temperature:	92° F
Fuel Load:	Full
Weight:	2 Men, Fuel, Safety/Test Gear

PERFORMANCE SUMMARY
Top Speed: <b>26.2 MPH</b>
Best Fuel Efficiency: <b>13.8 MPG with a range of 74 Miles @ 20.4 MPH</b>
Acceleration: <b>3.5 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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