

# EVINRUDE

E-TEC

## PERFORMANCE REPORT

BULLETIN #: 1154  
ENGINE 1: E90HGL

BOAT TYPE: Aluminum

DATE OF TEST: 8/3/2015



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

**ALUMA**  
*Craft*

Alumacraft Boats  
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2016 Alumacraft Competitor 165 LE

### BOAT

#### 2016 Alumacraft Competitor 165 LE

Material	Aluminum
Length	16' 7"
Beam	7' 3"
Weight w/o Engine	1040 LBS
Maximum HP	90 HP
Fuel Capacity	17 Gallons
Transom Height	20"
Steering	Cable

### ENGINE

#### Evinrude® E-TEC® 90 H.O.

Engine Type	60° V-4
Horsepower	90 H.O.
Displacement	1.7L
Induction	E-TEC DI
Operating Range	5500-6000 RPM
Weight	390 LBS Dry Weight
Gear Ratio	2.00:1

### PROPELLER

#### Evinrude

Material	Aluminum
Diameter/Pitch	13 1/2" x 15"
No. of Blades	3
Part Number	765182

### MOUNTING HEIGHT

Hole Position	#2
Jack Plate	No
AV Mounting	N/A

### PERFORMANCE DATA

RPM	MPH	GPH	MPG	RANGE
600	2.61	0.18	14.47	221
1000	4.25	0.36	11.79	180
1500	6.17	0.81	7.62	117
2000	7.38	1.70	4.34	66
2500	14.06	2.72	5.17	79
3000	22.81	3.52	6.48	99
3500	27.62	5.10	5.42	83
4000	32.26	6.21	5.20	80
4500	35.92	7.67	4.68	72
5000	39.42	9.23	4.27	65
5550	42.85	10.63	4.03	62

### TEST CONDITIONS

Water Conditions	Medium Chop
Wind Velocity	10 MPH
Air Temperature	75° F
Fuel Load	17 Gallons
Weight	1 Man Plus Test Gear

### PERFORMANCE SUMMARY

Top Speed	42.9 MPH
Best Fuel Efficiency	6.48 MPG For 99 Miles @ 22.81 MPH
Acceleration	3.6 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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