

# EVINRUDE

E-TEC

## PERFORMANCE REPORT

**BULLETIN #:** 1127      **ENGINE:** E90HGL      **BOAT TYPE:** Bay-Flats      **DATE OF TEST:** 7/10/2014



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

# ALUMA

*Craft*

Alumacraft Boats  
315 W. Saint Julien St.  
St Peter, MN 56082  
877-314-7756  
[www.alumacraft.com](http://www.alumacraft.com)

2015 Alumacraft Bay 1860

BOAT	
2015 Alumacraft Bay 1860	
Material	Aluminum
Length	18'
Beam	90"
Weight w/o Engine	865 LBS
Maximum HP	115 HP
Fuel Capacity	20 Gallons
Transom Height	21"
Steering	Cable

ENGINE	
2015 Evinrude® E-TEC® 90 H.O.	
Engine Type	60° V-4
Horsepower	90 H.O.
Displacement	105 cu in / 1.7 Liter
Induction	E-TEC DFI
Operating Range	5500-6000 RPM
Weight	390 LBS Dry Weight
Gear Ratio	2.00 : 1"

PROPELLER	
Evinrude® Viper™	
Material	Stainless
Diameter/Pitch	13 7/8" X 17"
No. of Blades	3
Part Number	763930
MOUNTING HEIGHT	
Hole Position	#2
Jack Plate	No
AV Mounting	N/A

PERFORMANCE DATA				
RPM	MPH	GPH	MPG	RANGE
600	2.35	0.10	23.50	423
1000	4.00	0.40	10.00	180
1500	5.75	0.80	7.19	129
2000	7.30	1.50	4.87	88
2500	14.25	2.30	6.20	112
3000	20.85	3.15	6.62	119
3500	26.30	5.25	5.01	90
4000	31.05	5.60	5.54	100
4500	34.85	7.10	4.91	88
5000	39.00	8.45	4.62	83
5500	43.00	10.45	4.11	74
6000	47.80	10.90	4.39	79

TEST CONDITIONS	
Water Conditions	Med Chop
Wind Velocity	10 MPH
Air Temperature	87° F
Fuel Load	10 Gallons
Weight	1 Person/ 3 Batteries/ Trolling Motor

PERFORMANCE SUMMARY	
Top Speed	47.8 MPH
Best Fuel Efficiency	6.62 MPG For 119 Miles @ 20.85 MPH
Acceleration	3 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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