

# EVINRUDE

E-TEC

## PERFORMANCE REPORT

**BULLETIN #:** 1123      **ENGINE:** E40DPGL      **BOAT TYPE:** Pontoon      **DATE OF TEST:** 7/7/2014



BRP US, Inc.  
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2015 Misty Harbor Explorer 1470 EF

BOAT	
2015 Misty Harbor Explorer 1470 EF	
Material	Aluminum
Length	14'
Beam	7'
Weight w/o Engine	680 LBS
Maximum HP	40 HP
Fuel Capacity	6 Gallons
Transom Height	20"
Steering	Cable

ENGINE	
2015 Evinrude® ETEC® 40 HP	
Engine Type	Inline 2 Cylinder
Horsepower	40 HP
Displacement	52.7cu in / 863cc
Induction	E-TEC DFI
Operating Range	5500-6000 RPM
Weight	240 LBS Dry Weight
Gear Ratio	2.9:1

PROPELLER	
Evinrude® Aluminum™	
Material	Aluminum
Diameter/Pitch	13.75x13
No. of Blades	3
Part Number	765181
MOUNTING HEIGHT	
Hole Position	#1
Jack Plate	No
AV Mounting	N/A

PERFORMANCE DATA				
RPM	MPH	GPH	MPG	RANGE
850	1.85	0.10	18.50	100
1000	2.40	0.10	24.00	130
1500	3.55	0.30	11.83	64
2000	4.75	0.45	10.56	57
2500	6.00	0.60	10.00	54
<b>3000</b>	<b>6.95</b>	<b>1.10</b>	<b>6.32</b>	<b>34</b>
3500	8.40	1.50	5.60	30
4000	10.50	1.90	5.53	30
4500	13.40	2.40	5.58	30
5000	15.65	2.60	6.02	33
5500	18.00	3.20	5.63	30
5750	19.40	3.90	4.97	27

TEST CONDITIONS	
Water Conditions	Slight chop
Wind Velocity	5 MPH
Air Temperature	80° F
Fuel Load	3 Gallons
Weight	2 men & test gear

PERFORMANCE SUMMARY	
Top Speed	19.4 MPH
Best Fuel Efficiency	6.32 MPG For 34 Miles @ 6.95 MPH
Acceleration	5 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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