

# EVINRUDE®

## PERFORMANCE REPORT

BULLETIN #: PE280

ENGINE: E90DPL

DATE OF TEST: 10/30/03



Bombardier Recreational Products  
10101 Science Drive  
Sturtevant, WI 53177  
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### 2004 Aquasport 175 Osprey



BOAT	
2004 AQUASPORT 175 OSPREY	
Material:.....	Fiberglass
Length:.....	17' 4"
Beam:.....	6' 9"
Weight w/o Engine:..	1740 LBS Dry
Maximum HP:.....	120 HP
Fuel Capacity:.....	33 Gallons
Transom Height:.....	20" Shaft
Steering:.....	Mechanical

ENGINE	
2004 EVINRUDE® E-TEC™ 90HP	
Engine Type:.....	INLINE 3 CYL
Horsepower:.....	90 HP @ 5000 RPM
Displacement:.....	79 Cu. In.
Induction:.....	E-TEC Direct Inj.
Operating Range:..	4500-5500 RPM
Weight:.....	320 LBS Dry Weight
Gear Ratio:.....	2.00:1

PROPELLER	
BMCA SST	
Material:.....	Stainless Steel
Diameter/Pitch:..	13 3/4" x 15"
No. of Blades:...	3
Part Number:...	177034
MOUNTING HEIGHT	
Hole Position:...	#2
Jack Plate:.....	NA
AV Mounting:....	N/A

PERFORMANCE DATA				
RPM	MPH	GPH	MPG	RANGE
700	2.9	0.17	16.9	503
1000	4.3	0.36	11.8	351
1500	6.2	0.66	9.3	276
2000	6.9	1.44	4.8	142
2500	10.3	2.50	4.1	122
3000	18.3	3.24	5.6	168
<b>3500</b>	<b>24.6</b>	<b>3.73</b>	<b>6.6</b>	<b>195</b>
4000	29.1	4.58	6.4	189
4500	33.0	5.38	6.1	182
5000	36.0	6.67	5.4	160
5400	38.9	7.92	4.9	146
Range (Miles) Based On 90% Fuel Capacity				

TEST CONDITIONS	
Water Conditions:	Light Chop
Wind Velocity:.....	10 MPH
Air Temperature:..	75° F
Fuel Load:.....	33 Gallons Full
Weight:.....	1 Man (200 lbs.) Full Fuel, Test Gear 50 lbs.

PERFORMANCE SUMMARY	
Top Speed:	<b>38.9 MPH</b>
Acceleration	<b>NA</b>
Best Fuel Efficiency:	<b>6.6 MPG with a range of 195 Miles @ 24.6 MPH</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 Micro Met Transponder and Max Fuel Flow Meter. Test performed and certified by Bombardier OEM Applications Engineering.  
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