

EVINRUDE®

PERFORMANCE REPORT

BULLETIN #: PE287

ENGINE: E75DPL

DATE OF TEST: 10/31/03



Bombardier Recreational Products
10101 Science Drive
Sturtevant, WI 53177
www.evinrude.com



Sylvan
PO Box 65
New Paris, IN 46553
www.sylvanmarine.com

2004 Sylvan 1600 Avenger



BOAT	
2004 SYLVAN 1600 AVENGER	
Material:.....	Aluminum
Length:.....	16'
Beam:.....	7' 5"
Weight w/o Engine:..	970 Lbs Dry
Maximum HP:.....	90 HP
Fuel Capacity:.....	24 Gallons
Transom Height:.....	20" Shaft
Steering:.....	Mechanical

ENGINE	
2004 EVINRUDE® E-TEC™ 75HP	
Engine Type:.....	INLINE 3 CYL 2 STROKE
Horsepower:.....	75 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 7/8" x 15"
No. of Blades:...	3
Part Number:...	176571
MOUNTING HEIGHT	
Hole Position:...	#2
Jack Plate:.....	NA
AV Mounting:....	N/A

PERFORMANCE DATA				
RPM	MPH	GPH	MPG	RANGE
700	2.7	0.17	15.2	329
1000	3.8	0.34	10.9	235
1500	5.4	0.63	8.5	183
2000	6.6	1.50	4.4	95
2500	8.3	2.38	3.5	75
3000	18.6	2.80	6.7	144
3500	23.5	3.32	7.1	153
4000	27.7	4.10	6.7	146
4500	32.0	4.52	7.1	153
5000	35.4	5.21	6.8	146
5400	41.1	6.61	6.2	134
Range (Miles) Based On 90% Fuel Capacity				

TEST CONDITIONS	
Water Conditions:	Medium Chop
Wind Velocity:.....	10 MPH
Air Temperature:..	80° F
Fuel Load:.....	24 Gallons Full
Weight:.....	1 Man (200 lbs.) Full Fuel, Test Gear 50 lbs.

PERFORMANCE SUMMARY	
Top Speed:	41.1 MPH
Acceleration:	NA
Best Fuel Efficiency:	7.1 MPG with a range of 153 Miles @ 32.0 MPH



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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