



BULLETIN #: PE1065

ENGINE: E90DHLAFA

BOAT TYPE: Pontoon

DATE OF TEST: 9/5/13



Bombardier Recreational Products Inc.  
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Sturtevant, WI 52177  
[www.evinrude.com](http://www.evinrude.com)



Triton Industries, Inc.  
7800 Northport Dr.  
Lansing, MI 48917  
517-322-3822

[www.manitouboats.com](http://www.manitouboats.com)



### 2013 Manitou 22 Aurora

BOAT	
2013 Manitou 22 Aurora	
Material:	Aluminum
Length:	22' 11"
Beam:	8' 6"
Weight w/o Engine:	2155 Lbs
Maximum HP:	90 HP
Fuel Capacity:	24 Gallons
Transom Height:	20" Shaft
Steering:	Cable

ENGINE	
Evinrude® 90 HO ETEC®	
Engine Type:	60° V4
Horsepower:	Factory Tuned
Displacement:	105.4 Cu In
Induction:	ETEC DFI
Operating Range:	5500-6000 RPM
Weight:	390 LBS Dry Weight
Gear Ratio:	2.00:1

PROPELLER	
BRP™	
Material:	Aluminum
Diameter/Pitch:	14 X 11"
No. of Blades:	3
Part Number:	763301
MOUNTING HEIGHT	
Hole Position:	#1
Jack Plate:	N/A
AV Mounting:	N/A

PERFORMANCE DATA				
RPM	MPH	GPH	MPG	RANGE
600	1.5	0.10	15.0	324
1000	2.8	0.30	9.3	202
1500	4.7	0.60	7.8	169
2000	6.3	1.10	5.7	124
2500	8.2	1.55	5.3	114
<b>3000</b>	<b>11.3</b>	<b>2.25</b>	<b>5.0</b>	<b>108</b>
3500	14.4	4.30	3.3	72
4000	17.4	5.65	3.1	66
4500	19.4	6.55	3.0	64
5000	21.9	7.80	2.8	61
5550	24.5	9.05	2.7	58
6000	26.7	10.90	2.4	53
Range (Miles) Based On 90% Fuel Capacity				

TEST CONDITIONS	
Water Conditions:	Medium Chop
Wind Velocity:	10 MPH
Air Temperature:	85° F
Fuel Load:	1/4 Full
Weight:	1 Man, Fuel, Safety/Test Gear

PERFORMANCE SUMMARY
Top Speed: <b>26.7 MPH</b>
Best Fuel Efficiency: <b>5.0 MPG with a range of 108 Miles @ 11.3 MPH</b>
Acceleration: <b>3.5 seconds to plane</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 NMEA 2000 I-Command. Test performed and certified by BRP OEM Applications Engineering.

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