



Bombardier Recreational Products
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ALUMACRAFT

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2007 Alumacraft Navigator 165 CS



BOAT	
2007 Alumacraft Navigator 165 CS	
Material:	Aluminum
Length:	16' 8"
Beam:	91"
Weight w/o Engine:	965 LBS Dry
Maximum HP:	90 HP
Fuel Capacity:	22 Gallons
Transom height:	20" Shaft
Steering:	Cable

ENGINE	
2008 Evinrude® 75 HP ETEC®	
Engine Type:	Inline 3 Cyl
Horsepower:	75 HP @ 5000 RPM
Displacement:	79 Cu. In.
Induction:	ETEC DFI
Operating Range:	4500-5500 RPM
Weight:	320 LBS Dry Weight
Gear Ratio:	2.00:1

PROPELLER	
BRP	
Material:	Stainless Steel
Diameter/Pitch:	13 7/8" x 17"
No. of Blades:	3
Part Number:	176572
MOUNTING HEIGHT	
Hole Position:	#1
Jack Plate:	N/A
AV Mounting:	N/A

PERFORMANCE DATA				
RPM	MPH	GPH	MPG	RANGE
750	3.0	0.15	20.1	399
1000	4.2	0.37	11.3	224
1500	5.7	1.05	5.4	108
2000	6.6	1.46	4.6	90
2500	8.7	2.30	3.8	75
3000	18.4	2.93	6.3	124
3500	23.5	3.75	6.3	124
4000	27.6	4.86	5.7	112
4500	31.6	5.53	5.7	113
5000	36.6	6.71	5.5	108
5400	39.8	8.27	4.8	95
Range (Miles) Based on 90% Fuel Capacity				

TEST CONDITIONS	
Water Conditions:	Medium Chop
Wind Velocity:	10 MPH
Air Temperature:	60° F
Fuel Load:	22 Gallons
Weight:	2 Men (400 lbs.) Fuel, Safety/Test Gear 40 lbs.

PERFORMANCE SUMMARY	
Top Speed:	39.8 MPH
Best Fuel Efficiency:	6.3 MPG with a range of 124 miles @ 23.5 MPH
Acceleration:	3.5 Seconds to Plane



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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