



Bombardier Recreational Products
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ALUMACRAFT®

Alumacraft Boats
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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	
2007 Evinrude® 90 HP ETEC®	
Engine Type:	Inline 3 Cyl
Horsepower:	90 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
650	3.1	0.15	20.8	412
1000	4.4	0.37	11.9	235
1500	5.6	1.05	5.4	106
2000	6.6	1.47	4.5	89
2500	11.2	2.29	4.9	97
3000	19.3	3.01	6.4	127
3500	23.5	3.68	6.4	126
4000	27.7	4.87	5.7	113
4500	32.4	5.71	5.7	112
5000	36.6	6.98	5.2	104
5500	40.8	9.04	4.5	89
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.
Bow mount trolling motor	

PERFORMANCE SUMMARY	
Top Speed:	40.8 MPH
Best Fuel Efficiency:	6.4 MPG with a range of 127 miles @ 19.3 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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