PERFORMANCE BULLETIN

Boat Manufactured By:

ALUMACraft

315 West St. Julien Street • St. Peter, MN 56082

(507) 931-1050

www.alumacraft.com



ALUMACRAFT NAVIGATOR 165

Length	16' 11"
Beam	7' 2"
Dry Weight (Boat Mfr. Pub)	1,179 lbs
Maximum HP	90 hp
Fuel Capacity	17 gal
Weight as Tested	3,476 lbs

VF90LB

Horsepower	90 hp
Induction	EFI/VCT/DOHC
Displacement	2.8L
Weight (Estimated)	353 lbs
Gear Ratio	2.15:1

ENGINE MOUNTING HEIGHT

Mounting Hole Position	#2

PROPELLER(S)

Series	Talon GP
Diameter x Pitch	13 x 18
Yamaha Part #	6FP-45949-00-00
Propeller Material	Aluminum

TEST CONDITIONS

Number of People	2
Air / Water Temperature (Fahrenheit)	75° F / 68° F
Elevation (in feet above sea level)	997'
Wind Velocity	5-10 MPH

COMMENTS

Test weight includes 12 gallons of fuel, 3 batteries, bow mount trolling motor, safety and test equipment.

YPB#: PB_ALM_Navigator 165_VF90LB_7-9-2026_ALM

Engine: *Yamaha VF90LB*

Boat: *Alumacraft Navigator 165*

Configuration: *Single*

Test Date: *9-Jul-2026*



PERFORMANCE DATA

RPM	MPH	GPH	MPG
1000	3.9	0.4	9.75
1500	5.8	0.8	7.19
2000	6.9	1.1	6.23
2500	8.3	1.8	4.61
3000	15.7	2.4	6.66
3500	**21.1**	**2.9**	**7.40**
4000	25.7	3.6	7.14
4500	30.3	4.6	6.66
5000	34.6	5.9	5.91
5500	38.2	7.8	4.90
6000	**41.8**	**9.8**	**4.27**

0-20 MPH: 4.53 seconds

NOTICE TO CONSUMER

The information and data contained in this Performance Bulletin is approximate and subject to many different factors and variables. It is provided as a guideline only and should not be relied upon as representative of actual performance. Your boat's performance may be different than the information contained in this Performance Bulletin due to various factors, including your boat's actual weight, wind and water conditions, temperature, humidity, elevation, bottom paint, boat options affecting wind/water drag and/or boat weight, and operator ability. Please confirm the specifications and performance data on your specific boat/engine combination with your dealer prior to purchase. Please also keep in mind that the data contained in this Performance Bulletin may or may not have been performed using Yamaha PowerMatched components. Yamaha reserves the right to change the specifications and performance data of this Performance Bulletin or engine without notice. This document contains many of Yamaha's valuable trademarks. It may also contain trademarks belonging to other companies. Any references to other companies or their products are for identification purposes only, and are not intended to be an endorsement.