

Boat Manufactured By:

POLAR KRAFT

300 East Chicago Street • Syracuse, IN 46567

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www.polarkraft.com

POLAR KRAFT® FRONTIER 166 WT

Length	16' 6"
Beam	7' 9"
Dry Weight (Boat Mfr. Pub)	1,140 lbs
Maximum HP	115 hp
Fuel Capacity	23 gal
Weight as Tested	1,978 lbs

F70LA

Horsepower	70 hp
Induction	EFI
Displacement	60.8 cu. in.
Weight (Estimated)	253 lbs
Gear Ratio	2.33

ENGINE MOUNTING HEIGHT

Mounting Hole Position	#1
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PROPELLER(S)

Series	Aluminum "K" Series
Diameter x Pitch	13 5/8 x 14
Yamaha Part #	6E5-45958-00-00
Propeller Material	Aluminum

TEST CONDITIONS

Number of People	2
Air / Water Temperature (Fahrenheit)	82° F / 74° F
Elevation (in feet above sea level)	865'
Wind Velocity	5-10 MPH

COMMENTS

Test weight includes 12 gallons of fuel, 1 battery, bow-mounted trolling motor, safety and test gear.

YPB#: PB_PLK_Frontier166WT_F70LA_2014-08-18_ALM



Engine: Yamaha F70LA

Boat: Polar Kraft® Frontier 166 WT

Configuration: Single

Test Date: 18-Aug-2014



PERFORMANCE DATA

RPM	MPH	GPH	MPG
1000	3.6	0.3	12
1500	5.1	0.5	10.2
2000	6.3	0.8	7.88
2500	7.2	1.2	6
3000	8.9	1.8	4.94
3500	13.8	2.1	6.57
4000	18.3	2.5	7.32
4500	22.1	3.2	6.91
5000	25.2	3.9	6.46
5500	28.5	4.9	5.82
6000	31.7	5.8	5.47
6200	32.9	6	5.48
0-20 MPH: 6.78			

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.