

Boat Manufactured By:



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ALUMACRAFT TROPHY 165

Length	16' 8"
Beam	7' 7"
Dry Weight (Boat Mfr. Pub)	1,280 lbs
Maximum HP	90 hp
Fuel Capacity	17 gal
Weight as Tested	2,353 lbs

F90LA

Horsepower	90 hp
Induction	EFI
Displacement	97 cu. in.
Weight (Estimated)	366 lbs
Gear Ratio	2.27:1

ENGINE MOUNTING HEIGHT

Mounting Hole Position	#2
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PROPELLER(S)

Series	Aluminum Series
Diameter x Pitch	13 x 19
Yamaha Part #	6E5-45941-00-00
Propeller Material	Aluminum

TEST CONDITIONS

Number of People	2
Air / Water Temperature (Fahrenheit)	76° F / 71° F
Elevation (in feet above sea level)	1060'
Wind Velocity	0-5 MPH

COMMENTS

Test weight includes 14 gallons of fuel, 3 batteries, bow-mounted trolling motor, safety and test equipment.

YPB#: PB_ALM_Trophy 165_F90LA_2015-08-04_ALM



Engine: Yamaha F90LA

Boat: Alumacraft Trophy 165

Configuration: Single

Test Date: 3-Aug-2015



PERFORMANCE DATA

RPM	MPH	GPH	MPG
1000	4.0	0.4	10.00
1500	5.5	0.7	7.86
2000	6.5	1.1	5.91
2500	7.7	2.0	3.85
3000	12.0	2.7	4.44
3500	19.5	3.2	6.09
4000	23.9	4.0	5.98
4500	28.4	5.0	5.68
5000	32.2	6.2	5.19
5500	35.9	7.6	4.72
5850	38.2	8.9	4.29
0-20 MPH: 5.12 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.