PERFORMANCE BULLETIN

Boat Manufactured By:

AVID BOATS

504 Waterway Drive • Amory, MS 38821

(662) 597-2023

www.avid-boats.com



AVID 16 COMMANDER

Length	16' 2"
Beam	6' 8"
Dry Weight (Boat Mfr. Pub)	769 lbs
Maximum HP	60 hp
Fuel Capacity	9 gal
Weight as Tested	1,442 lbs

F50LA

Horsepower	50 hp
Induction	EFI/VCT/DOHC
Displacement	996cc
Weight (Estimated)	247 lbs
Gear Ratio	1.85:1

ENGINE MOUNTING HEIGHT

Mounting Hole Position	#3
Ventilation Plate Height	1" Above Boat Bottom

PROPELLER(S)

Series	Powertech
Diameter x Pitch	10 3/8 x 12
Yamaha Part #	N/A
Propeller Material	Stainless Steel

TEST CONDITIONS

Number of People	2
Air / Water Temperature (Fahrenheit)	78° F / 71° F
Elevation (in feet above sea level)	200'
Wind Velocity	5-10 MPH

COMMENTS

Test weight includes 6 gallons of fuel, 1 battery, safety and test equipment.

YPB#: PB_AVD_16 COMMANDER_F50LA_4-12-24_ALM

Engine: *Yamaha F50LA*

Boat: *Avid 16 Commander*

Configuration: *Single*

Test Date: *12-Apr-2024*



PERFORMANCE DATA

RPM	MPH	GPH	MPG
1000	2.7	0.3	9.00
1500	4.1	0.6	6.83
2000	5.7	0.9	6.33
2500	6.8	1.2	5.63
3000	8.3	1.7	4.85
3500	18.3	1.8	10.17
4000	**23.7**	**2.3**	**10.28**
4500	27.3	2.8	9.73
5000	30.6	3.4	7.53
5500	33.5	4.4	7.60
6100	**36.3**	**5.0**	**7.26**

0-20 MPH: 6.63 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.