PERFORMANCE BULLETIN

Boat Manufactured By:

AVID BOATS

504 Waterway Drive • Amory, MS 38821

(662) 597-2023

www.avid-boats.com



AVID 21 FS

Length	20' 7"
Beam	8' 2"
Dry Weight (Boat Mfr. Pub)	1,488 lbs
Maximum HP	150 hp
Fuel Capacity	34 gal
Weight as Tested	2,678 lbs

F150XB

Horsepower	150 hp
Induction	EFI/DOHC
Displacement	2.7L
Weight (Estimated)	489 lbs
Gear Ratio	2.00:1

ENGINE MOUNTING HEIGHT

Mounting Hole Position	#2
Ventilation Plate Height	3/4" Above Boat Bottom

PROPELLER(S)

Series	Reliance® Series
Diameter x Pitch	13-3/4 x 19
Yamaha Part #	68F-45974-20-00
Propeller Material	Polished Stainless Steel

TEST CONDITIONS

Number of People	2
Air / Water Temperature (Fahrenheit)	90° F / 87° F
Elevation (in feet above sea level)	240'
Wind Velocity	0-5 MPH

COMMENTS

Test weight includes 17 gallons of fuel, 2 batteries, 2 Power Poles, safety and test gear.

YPB#: PB_AVID_21FS_F150XB_09-23-2019_BAY

Engine: *Yamaha F150XB*

Boat: *Avid 21 FS*

Configuration: *Single*

Test Date: *22-Sep-2019*



PERFORMANCE DATA

RPM	MPH	GPH	MPG
1000	4.3	0.7	6.07
1500	6.1	1.2	5.08
2000	7.5	2.1	3.57
2500	10.6	3.4	3.12
3000	**21.4**	**3.8**	**5.63**
3500	27.5	5.0	5.49
4000	32.7	6.6	4.98
4500	37.0	8.2	4.51
5000	42.6	9.9	4.32
5500	46.1	12.4	3.72
6100	**51.2**	**16.1**	**3.19**

**Time to Plane: 3.62 seconds
 0-30 MPH: 5.40 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.