

Boat Manufactured By:



TIDEWATER 2500 CAROLINA BAY

Length	25' 2"
Beam	9' 2"
Dry Weight (Boat Mfr. Pub)	3,550 lbs
Maximum HP	400 hp
Fuel Capacity	74 gal
Weight as Tested	4,963 lbs

F350XSA2

Horsepower	350 hp
Induction	EFI/VCT/DOHC
Displacement	4.3L
Weight (Estimated)	629 lbs
Gear Ratio	1.75:1

ENGINE MOUNTING HEIGHT

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

PROPELLER(S)

Series	Saltwater Series II HP
Diameter x Pitch	15 x 20
Yamaha Part #	6KA-45974-00-00
Propeller Material	Stainless Steel

TEST CONDITIONS

Number of People	1
Air / Water Temperature (Fahrenheit)	88° F / 85° F
Elevation (in feet above sea level)	177'
Wind Velocity	0-5 MPH

COMMENTS

Test weight includes 74 gallons of fuel, 2 batteries, 10" jack plate, twin Power Poles, safety and test equipment.

YPB#: PB_TIO_2500 Carolina Bay_F350XSA2_8-19-2024_BAY



Engine: Yamaha F350XSA2

Boat: Tidewater 2500 Carolina Bay

Configuration: Single

Test Date: 19-Aug-2024



PERFORMANCE DATA

RPM	MPH	GPH	MPG
1000	5.3	1.3	4.08
1500	7.2	2.4	3.00
2000	8.6	4.3	2.00
2500	12.2	7.2	1.69
3000	26.0	7.8	3.33
3500	33.3	9.3	3.58
4000	39.4	12.3	3.20
4500	44.9	14.9	3.01
5000	50.4	20.0	2.52
5500	56.0	25.5	2.20
6000	60.4	29.7	2.03

**Time to Plane: 8.20 seconds
 0-30 MPH: 12.16 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.