PERFORMANCE BULLETIN

Boat Manufactured By:

TIDEWATER boats
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TIDEWATER 3100 CAROLINA BAY

Length	31' 1"
Beam	10' 2"
Dry Weight (Boat Mfr. Pub)	7,200 lbs
Maximum HP	800 hp
Fuel Capacity	220 gal
Weight as Tested	9,808 lbs

F350XSA2 / LF350XSA2

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

ENGINE MOUNTING HEIGHT

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

PROPELLER(S)

Series	Saltwater Series II
Diameter x Pitch	14-3/4 x 23
Yamaha Part #	6CE-45974-20-00 / 6CF-45974-20-00
Propeller Material	Stainless Steel

TEST CONDITIONS

Number of People	3
Air / Water Temperature (Fahrenheit)	51° F / 50° F
Elevation (in feet above sea level)	250'
Wind Velocity	0-5 MPH

COMMENTS

Test weight includes 60 gallons of fuel, 7 batteries, optional twin Power Pole, safety and test equipment.

YPB#: PB_TIO_3100 Carolina Bay _TW_F350XSA2_1-24-2024_BAY

Engine: *Yamaha F350XSA2 / LF350XSA2*

Boat: *Tidewater 3100 Carolina Bay*

Configuration: *Twin*

Test Date: *24-Jan-2024*



PERFORMANCE DATA

RPM	MPH	GPH	MPG
1000	6.1	2.7	2.25
1500	8.3	5.0	1.66
2000	9.7	8.3	1.17
2500	15.5	12.7	1.22
3000	26.3	15.0	1.75
3500	**33.0**	**16.3**	**2.02**
4000	41.3	22.6	1.83
4500	48.0	27.5	1.75
5000	53.0	36.4	1.46
5500	61.6	56.9	1.08
6100	**66.7**	**61.3**	**1.09**

0-30 MPH: 10.25 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.