PERFORMANCE BULLETIN

Boat Manufactured By:

GRADY-WHITE BOATS

Exceptional attention to detail.

P.O. Box 1527 • Greenville, NC 27835

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www.gradywhite.com



GRADY WHITE 255 FREEDOM

Length	24' 9"
Beam	8' 6"
Dry Weight (Boat Mfr. Pub)	4,459 lbs
Maximum HP	400 hp
Fuel Capacity	135 gal
Weight as Tested	6,589 lbs

F350XSA4

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	#3

PROPELLER(S)

Series	Saltwater Series II
Diameter x Pitch	15-1/2 x 17
Yamaha Part #	6CE-45978-20-00
Propeller Material	Stainless Steel

TEST CONDITIONS

Number of People	2
Air / Water Temperature (Fahrenheit)	83° F / 81° F
Elevation (in feet above sea level)	0'
Wind Velocity	5-10 MPH

COMMENTS

Test weight includes 70 gallons of fuel, 2 batteries, safety and test equipment.

YPB#: PB_GRW_255 Freedom_0_F350XSA4_06-17-2024_ODC

Engine: *Yamaha F350XSA4*

Boat: *Grady White 255 Freedom*

Configuration: *Single*

Test Date: *17-Jun-2024*



PERFORMANCE DATA

RPM	MPH	GPH	MPG
1000	5.4	1.2	4.46
1500	7.3	2.0	3.63
2000	8.8	3.4	2.57
2500	10.7	5.6	1.90
3000	13.6	7.3	1.87
3500	**22.9**	**8.7**	**2.63**
4000	30.4	11.7	2.61
4500	35.1	14.5	2.42
5000	39.6	19.0	2.09
5500	44.2	28.0	1.58
6000	**48.6**	**31.3**	**1.56**

**0-20 MPH: 4.89 seconds
 0-30 MPH: 8.24 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.