PERFORMANCE BULLETIN

Boat Manufactured By:

COBIA

3207 Industrial 29th Street • Ft. Pierce, FL 34946
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COBIA 305 CC

Length	30' 5"
Beam	10' 6"
Dry Weight (Boat Mfr. Pub)	9,405 lbs
Maximum HP	800 hp
Fuel Capacity	265 gal
Weight as Tested	11,783 lbs

LF350XSA2 / F350XSA2

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	#2

PROPELLER(S)

Series	Saltwater Series II HP
Diameter x Pitch	15 x 21
Yamaha Part #	6KB-45976-00-00 / 6KA-45976-00-00
Propeller Material	Stainless Steel

TEST CONDITIONS

Number of People	3
Air / Water Temperature (Fahrenheit)	83° F / 75° F
Elevation (in feet above sea level)	0'
Wind Velocity	5-10 MPH

COMMENTS

Test weight includes 105 gallons of fuel, 7 batteries, Seakeeper Ride, Seakeeper, Trolling Motor, safety and test equipment.

YPB#: PB_COB_305 CC_TW_LF350XSA2_4-23-25_OCC

Engine: *Yamaha LF350XSA2 / F350XSA2*

Boat: *Cobia 305 CC*

Configuration: *Twin*

Test Date: *23-Apr-2025*



PERFORMANCE DATA

RPM	MPH	GPH	MPG
1000	6.1	2.3	2.63
1500	8.8	4.3	2.07
2000	10.2	7.5	1.36
2500	18.1	11.9	1.52
3000	26.9	15.6	1.72
3500	**34.4**	**19.8**	**1.74**
4000	40.7	26.3	1.55
4500	46.3	32.7	1.41
5000	51.8	43.9	1.18
5500	57.2	57.3	1.00
6000	**58.0**	**60.9**	**0.95**

0-20 MPH: 5.54 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.