PERFORMANCE BULLETIN

Boat Manufactured By:

3515 SE Lionel Terrace • Stuart, FL 34997
(772) 600-7121
www.stuartboatworks.com



STUART 27

Length	26' 10"
Beam	8' 9"
Dry Weight (Boat Mfr. Pub)	4,300 lbs
Maximum HP	700 hp
Fuel Capacity	140 gal
Weight as Tested	6,462 lbs

LF300XSB2 / F300XSB2

Horsepower	300 hp
Induction	EFI/VCT/DOHC
Displacement	4.2L
Weight (Estimated)	611 - 611 lbs
Gear Ratio	1.75:1

ENGINE MOUNTING HEIGHT

Mounting Hole Position	#3

PROPELLER(S)

Series	Saltwater Series II
Diameter x Pitch	15 x 21
Yamaha Part #	6CF-45972-20-00 / 6CE-45972-20-00
Propeller Material	Stainless Steel

TEST CONDITIONS

Number of People	3
Air / Water Temperature (Fahrenheit)	78° F / 68° F
Elevation (in feet above sea level)	0'
Wind Velocity	0-5 MPH

COMMENTS

Test weight includes 60 gallons of fuel, 6 batteries, Seakeeper, Trolling motor, safety and test equipment.

YPB#: PB_SBW_27_TW_LF300XSB2_01-30-2025_OCC

Engine: *Yamaha LF300XSB2 / F300XSB2*

Boat: *Stuart 27*

Configuration: *Twin*

Test Date: *30-Jan-2025*



PERFORMANCE DATA

RPM	MPH	GPH	MPG
1000	6.0	2.8	2.18
1500	8.3	4.5	1.84
2000	10.6	7.8	1.36
2500	17.8	10.7	1.67
3000	**29.0**	**12.9**	**2.26**
3500	35.5	17.3	2.06
4000	41.4	23.9	1.74
4500	46.8	30.5	1.53
5000	52.3	40.6	1.29
5500	57.7	52.9	1.09
5900	**60.0**	**53.1**	**1.13**

0-20 MPH: 3.78 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.