PERFORMANCE BULLETIN

Boat Manufactured By:

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



STUART BOATWORKS STUART 23

Length	23' 3"
Beam	8' 6"
Dry Weight (Boat Mfr. Pub)	3,650 lbs
Maximum HP	350 hp
Fuel Capacity	100 gal
Weight as Tested	4,924 lbs

F150XCA / LF150XCA

Horsepower	150 hp
Induction	EFI/VCT/DOHC
Displacement	2.8L
Weight (Estimated)	487 lbs
Gear Ratio	2.00:1

ENGINE MOUNTING HEIGHT

Mounting Hole Position	#4

PROPELLER(S)

Series	Reliance® Series
Diameter x Pitch	14-1/4 x 17
Yamaha Part #	68F-45972-20-00 / 68G-45972-20-00
Propeller Material	Polished Stainless Steel

TEST CONDITIONS

Number of People	3
Air / Water Temperature (Fahrenheit)	78° F / 76° F
Elevation (in feet above sea level)	0'
Wind Velocity	5-10 MPH

COMMENTS

Test weight includes 50 gallons of fuel, 3 batteries, safety and test equipment.

YPB#: PB_SBW_Stuart_23_TW_F150XCA_03-10-2021_OCC

Engine: *Yamaha F150XCA / LF150XCA*

Boat: *Stuart Boatworks Stuart 23*

Configuration: *Twin*

Test Date: *10-Mar-2021*

PERFORMANCE DATA

RPM	MPH	GPH	MPG
1000	4.7	1.5	3.07
1500	6.9	2.6	2.66
2000	8.5	4.3	1.98
2500	9.3	6.3	1.47
3000	17.0	7.9	2.15
3500	**23.9**	**9.9**	**2.41**
4000	29.7	12.6	2.36
4500	35.0	16.1	2.17
5000	39.4	20.6	1.91
5500	43.6	28.2	1.55
5700	**46.9**	**29.2**	**1.61**

**Time to Plane: 4.45 seconds
 0-20 MPH: 5.55 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.