

# Yamaha Performance Bulletin

YPB#: PB\_NST\_203SCSportDeck\_F150TXR\_2011-06-27\_DCK

Test Date:

6/27/11



## Nautic Star® 203SC Sport Deck®

Length	20'
Beam	8' 6"
Dry Weight (Boat Mfr. Published)	2,100 lbs.
Maximum HP	150 hp
Fuel Capacity	47 gals.
Weight as Tested (Approximate)	3,150 lbs.

**NauticStar**

Boat Manufactured By:

Nautic Star • P.O. Box 26 • Amory, MS 38821  
662-256-5636 • www.nauticstarboats.com

## Yamaha F150TXR

Horsepower	150
Displacement	163 cu. in.
Weight (Catalog Published)	487 lbs.
Gear Ratio	2.00

## Engine Mounting Height

Mounting Hole Position	#1
Anti-Ventilation Plate Height	1/2" Above Bottom

## Propeller

Series	Reliance Series
Diameter/Pitch	14-1/4 x 18
Part #	68F-45978-00-00
Propeller Material	Polished Stainless Steel

## Test Conditions

Number of People	2
Air / Water Temperature (Fahrenheit)	97° / 87°
Elevation	405'
Wind Velocity	5-10 MPH

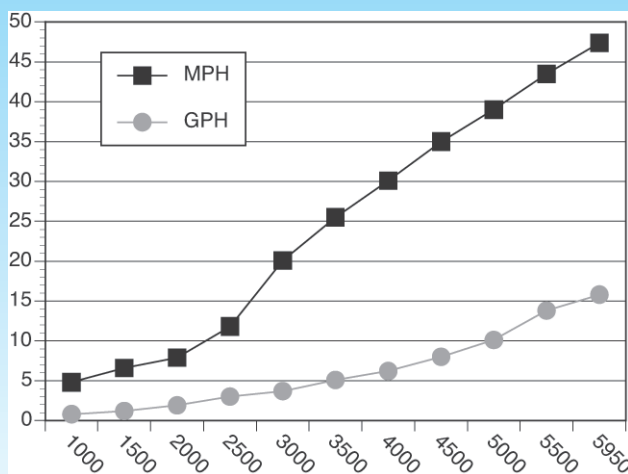
**Comments:** Test weight includes 1/2 tank of fuel, 1 battery, safety and test equipment. Fuel consumption data gathered with Yamaha Command Link® fuel management system. Zero-to-30 speed data gathered with aftermarket speedometer. Other speed data gathered with GPS receiver.

**Note 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.

## Performance Data

RPM	MPH	GPH	MPG
1000	4.8	0.8	5.88
1500	6.6	1.2	5.50
2000	7.9	1.9	4.16
2500	11.8	3.0	3.93
<b>3000</b>	<b>20.1</b>	<b>3.7</b>	<b>5.43</b>
3500	25.5	5.1	5.00
4000	30.1	6.2	4.86
4500	35.0	8.0	4.58
5000	39.0	10.1	3.86
5500	43.5	13.8	3.15
<b>5950</b>	<b>47.4</b>	<b>15.8</b>	<b>3.00</b>

Seconds to Plane **3.35**  
Seconds 0-30 MPH **5.57**



Test performed and verified by Yamaha Application Engineers.

### For More Information:

Yamaha Motor Corporation, U.S.A. • OEM Division, Marine Group  
1270 Chastain Road NW • Kennesaw, GA 30144 • (800) 88-YAMAHA  
For other Performance Bulletins, visit [www.yamaha-motor.com](http://www.yamaha-motor.com).

© 2009 Yamaha Motor Corporation, U.S.A. All rights reserved.