

# Yamaha Performance Bulletin

YPB#: PB\_NST\_2500Offshore\_t\_F150TXR\_2-4-09\_OCC

Test Date:

2/4/09



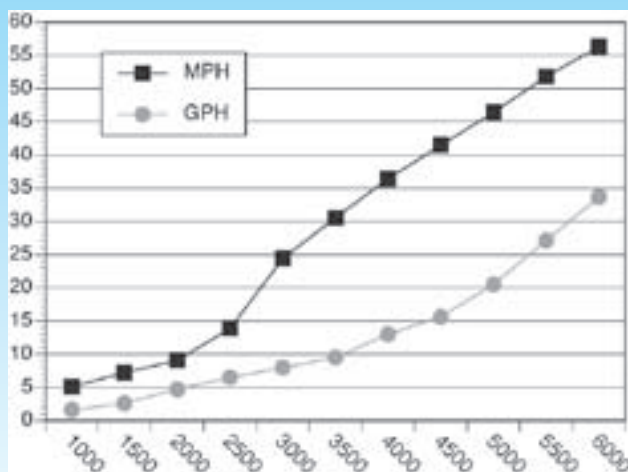
## Nautic Star 2500 Offshore

Length	25'
Beam	8' 6"
Dry Weight (Boat Mfr. Published)	4,000 lbs.
Maximum HP	400 hp
Fuel Capacity	150 gals.
Weight as Tested (Approximate)	5,870 lbs.

## Performance Data

RPM	MPH	GPH	MPG
1000	5.1	1.6	3.19
1500	7.2	2.6	2.77
2000	9.1	4.7	1.94
2500	13.9	6.5	2.14
3000	24.4	8.0	3.05
<b>3500</b>	<b>30.5</b>	<b>9.5</b>	<b>3.21</b>
4000	36.4	13.0	2.80
4500	41.5	15.6	2.66
5000	46.4	20.5	2.26
5500	51.8	27.1	1.91
<b>6000</b>	<b>56.3</b>	<b>33.7</b>	<b>1.67</b>

Seconds to Plane **3.23**  
 Seconds 0-30 MPH **5.19**



Test performed and verified by Yamaha Application Engineers.

### For More Information:

Yamaha Motor Corp., USA • 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).



Boat Manufactured By:  
 Nautic Star • PO Box 26 • Amory, MS 38821  
 (662) 256-5636 • [www.nauticstarboats.com](http://www.nauticstarboats.com)

## Yamaha F150TXR / LF150TXR

Horsepower	150
Displacement	163 cu. in.
Weight (Catalog Published)	475 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	13-3/4 x 21
Yamaha Part #	68F-45976-00-00 / 68G-45976-00-00
Propeller Material	Polished Stainless Steel

## Test Conditions

Number of People	2
Air / Water Temperature (Fahrenheit)	30° / 52°
Elevation	Sea Level
Wind Velocity	5-10 MPH

**Comments:** Test weight includes 1/2 tank of fuel, two batteries, optional T-top, optional leaning post/baitwell, safety and test equipment. Fuel consumption data gathered with Yamaha Command Link® fuel management system. Zero-to-30 speed data gathered with Yamaha speedometer. Other speed data gathered with GPS receiver.

**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.