

Yamaha Performance Bulletin

YPB#: PB_SDC_FX19_F90TLR_2010-11-09_FLT

Test Date: 11/9/10



Note: Boat shown with optional out-board power.



Spyder FX19

Length	19' 1"
Beam	6' 11"
Dry Weight (Boat Mfr. Published)	1,020 lbs.
Maximum HP	150 hp
Fuel Capacity	31 gals.
Weight as Tested (Approximate)	1,942 lbs.

S P Y D E R

Boat Manufactured By:
Composite Research • 6131 Sundance Rd • Blackshear, GA 31516
912-449-0033 • www.spyder-boats.com

Yamaha F90TLR

Horsepower	90
Displacement	97 cu. in.
Weight (Catalog Published)	369 lbs.
Gear Ratio	2.31

Engine Mounting Height

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

Propeller

Series	Performance 3-Blade Series
Diameter/Pitch	13-1/4 x 16
Yamaha Part #	MAR-GYT3B-V4-16
Propeller Material	Polished Stainless Steel

Test Conditions

Number of People	2
Air / Water Temperature (Fahrenheit)	65° / 64°
Elevation	Sea Level
Wind Velocity	5-10 MPH

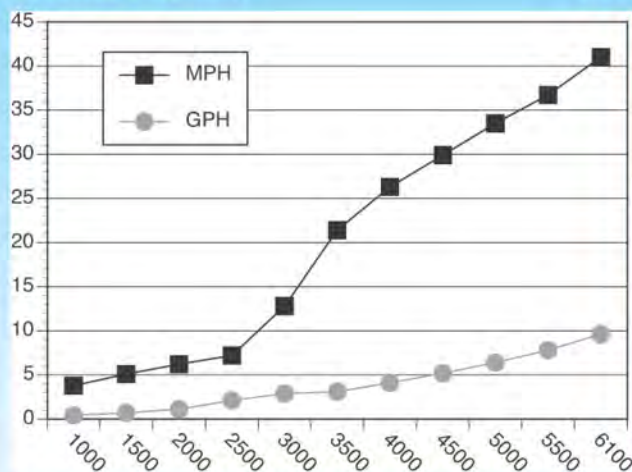
Comments: Test weight includes 1/2 tank of fuel, 1 battery, safety and test equipment. Fuel consumption data gathered with Yamaha Command Link® fuel management system. Zero-to-20 speed data gathered with Yamaha speedometer. Other speed data gathered with GPS receiver.

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. 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	3.8	0.4	9.50
1500	5.1	0.7	7.29
2000	6.2	1.1	5.64
2500	7.2	2.1	3.43
3000	12.8	2.9	4.41
3500	21.4	3.1	6.90
4000	26.3	4.1	6.42
4500	29.9	5.2	5.75
5000	33.5	6.4	5.23
5500	36.7	7.8	4.71
6100	41.0	9.6	4.27

Seconds to Plane	3.30
Seconds 0-20 MPH	5.65



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.

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