

Performance Bulletin

YPB#: PB_NST_1800NauticBay_F90TLR_6-27-06_BAY

Test Date: 6/27/06



Note: Boat shown with optional out-board motor.

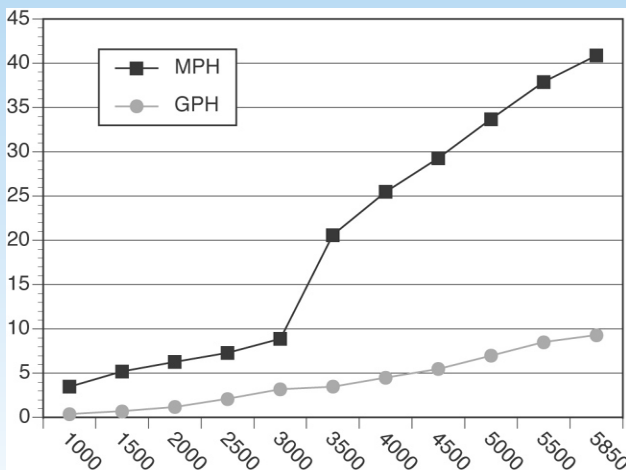


F90TLR

Performance Data

| RPM | MPH | GPH | MPG |
|-------------|-------------|------------|-------------|
| 1000 | 3.5 | 0.4 | 8.75 |
| 1500 | 5.2 | 0.7 | 7.43 |
| 2000 | 6.3 | 1.2 | 5.25 |
| 2500 | 7.3 | 2.1 | 3.48 |
| 3000 | 8.9 | 3.2 | 2.78 |
| 3500 | 20.6 | 3.5 | 5.89 |
| 4000 | 25.5 | 4.5 | 5.67 |
| 4500 | 29.3 | 5.5 | 5.33 |
| 5000 | 33.7 | 7.0 | 4.81 |
| 5500 | 37.9 | 8.5 | 4.46 |
| 5850 | 40.9 | 9.3 | 4.40 |

Seconds to Plane **4.92**



Test performed and certified by Yamaha Application Engineers.

Boat Manufactured By:

Nautic Star Boats • 500 Waterway Drive • Amory, MS 38821
(662) 256-5636 • www.nauticstarboats.com

Nautic Star 1800 Nautic Bay

| | |
|--------------------------------|------------|
| Length | 18' 2" |
| Beam | 7' 8" |
| Dry Weight (published) | 1,200 lbs. |
| Max HP | 115 |
| Fuel Capacity | 35 gals. |
| Weight as Tested (approximate) | 2,194 lbs. |

Yamaha F90TLR

| | |
|-----------------|---------------------------|
| Horsepower | 90 |
| Fuel Induction | Electronic Fuel Injection |
| Displacement | 97 cu. in. |
| Weight | 369 lbs. |
| Gear Ratio | 2.31 |
| Mounting Height | #2 |

Propeller

| | |
|----------------|--------------------|
| Series | Performance Series |
| Diameter/Pitch | 13-1/4 x 18 |
| Yamaha Part # | MAR-GYT3B-V4-18 |

Test Conditions

| | |
|-------------------|---------|
| Number of People | 2 |
| Air Temperature | 90° F |
| Water Temperature | 82° F |
| Elevation | 229 ft. |
| Wind Velocity | 0-5 MPH |

Comments:

Test weight includes 1/2 tank of fuel, one battery, safety and test equipment.

Note:

Data may vary due to changes in weather, elevation, options and equipment, load and boat bottom conditions. Fuel data gathered with Yamaha's Command Link® fuel management system. Speed data gathered with GPS receiver.

Outboard Manufactured By:

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.