

Performance Bulletin

YPB#: PB_DYS_Polar1810Bay_F115TLRC_6-2-04_BAY

Test Date:

6/2/04



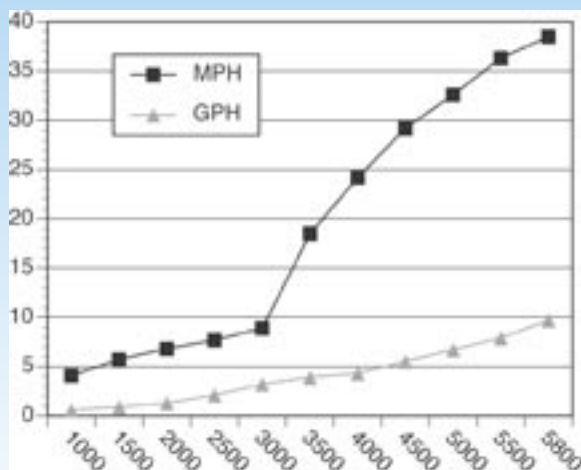
F115TLRC

Performance Data

| RPM | MPH | GPH | MPG |
|-------------|-------------|------------|-------------|
| 1000 | 4.1 | 0.6 | 6.83 |
| 1500 | 5.7 | 0.9 | 6.71 |
| 2000 | 6.8 | 1.3 | 5.23 |
| 2500 | 7.7 | 2.1 | 3.73 |
| 3000 | 8.9 | 3.2 | 2.78 |
| 3500 | 18.5 | 3.9 | 4.79 |
| 4000 | 24.2 | 4.3 | 5.68 |
| 4500 | 29.2 | 5.5 | 5.30 |
| 5000 | 32.6 | 6.7 | 4.90 |
| 5500 | 36.3 | 7.9 | 4.62 |
| 5800 | 38.5 | 9.7 | 3.98 |

Seconds to Plane

5.47



Test performed and certified by Yamaha Application Engineers.

Boat Manufactured By:

Dynasty Boats • P.O. Box 310 • Vinemont, AL 35179
(256) 739-4182 • www.polarboats.com

Boat:

Polar 1810 Bay

| | |
|--------------------------------|------------|
| Length | 18' 4" |
| Beam | 96" |
| Dry Weight (published) | 1,800 lbs. |
| Max HP | 135 |
| Fuel Capacity | 49 gals. |
| Weight as Tested (approximate) | 2,883 lbs. |

Engine:

F115TLRC

| | |
|-----------------------|---------------------------|
| Horsepower | 115 |
| Fuel Induction | Electronic Fuel Injection |
| Displacement | 106.2 cu. in. |
| Weight | 401 lbs. |
| Gear Ratio | 2.15 |
| Mounting Height | #2 |
| Propeller (Dia/Pitch) | 13-1/2 x 19 |
| Propeller Part # | 6E5-45941-00-EL |

Test Conditions:

| | |
|-------------------|-----------|
| Number of People | 2 |
| Air Temperature | 78° F |
| Water Temperature | 70° F |
| Elevation | Sea Level |
| Wind Velocity | 0-5 MPH |

Comments:

Test weight includes 3/4 tank of fuel, one battery, two people, 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 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.