

## Performance Bulletin

YPB#: PB\_DYS\_Polar1900CC\_F90TXR\_9-22-05\_OCC

Test Date: 9/22/05

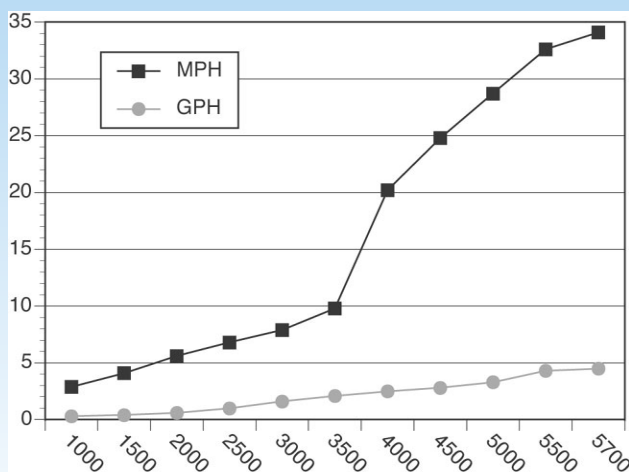


F90TXR

### Performance Data

| RPM         | MPH         | GPH        | MPG         |
|-------------|-------------|------------|-------------|
| 1000        | 2.9         | 0.3        | 9.67        |
| 1500        | 4.1         | 0.4        | 10.25       |
| 2000        | 5.6         | 0.6        | 9.33        |
| 2500        | 6.8         | 1.0        | 6.80        |
| 3000        | 7.9         | 1.6        | 4.94        |
| 3500        | 9.8         | 2.1        | 4.67        |
| 4000        | 20.2        | 2.5        | 8.08        |
| <b>4500</b> | <b>24.8</b> | <b>2.8</b> | <b>8.86</b> |
| 5000        | 28.7        | 3.3        | 8.70        |
| 5500        | 32.6        | 4.3        | 7.58        |
| <b>5700</b> | <b>34.1</b> | <b>4.5</b> | <b>7.58</b> |

Seconds to Plane **3.75**



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 1900 CC

|                                |            |
|--------------------------------|------------|
| Length                         | 19' 1"     |
| Beam                           | 8' 1"      |
| Dry Weight (published)         | 2,050 lbs. |
| Max HP                         | 150        |
| Fuel Capacity                  | 72 gals.   |
| Weight as Tested (approximate) | 3,511 lbs. |

### Engine: F90TXR

|                       |                           |
|-----------------------|---------------------------|
| Horsepower            | 90                        |
| Fuel Induction        | Electronic Fuel Injection |
| Displacement          | 97 cu. in.                |
| Weight                | 380 lbs.                  |
| Gear Ratio            | 2.31                      |
| Mounting Height       | #1                        |
| Propeller (Dia/Pitch) | 13-1/4 x 17 Aluminum      |
| Propeller Part #      | 6E5-45945-01-EL           |

### Test Conditions:

|                   |           |
|-------------------|-----------|
| Number of People  | 2         |
| Air Temperature   | 95° F     |
| Water Temperature | 85° F     |
| Elevation         | Sea Level |
| Wind Velocity     | 5-10 MPH  |

**Comments:**

Test weight includes full tank of fuel, one battery, optional T-top and 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

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