

# Performance Bulletin

YPB#: PB\_WAR\_V177BTFalconXST\_F90TLRD\_9-7-04\_WLY

Test Date: 9/7/04

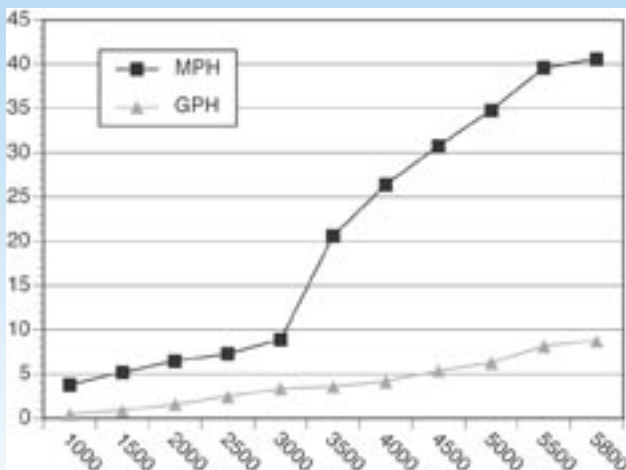


F90TLRD

## Performance Data

RPM	MPH	GPH	MPG
1000	3.8	0.5	7.60
1500	5.2	0.9	5.78
2000	6.5	1.6	4.06
2500	7.3	2.5	2.92
3000	8.9	3.4	2.62
3500	20.6	3.6	5.72
<b>4000</b>	<b>26.4</b>	<b>4.2</b>	<b>6.29</b>
4500	30.8	5.4	5.70
5000	34.8	6.3	5.52
5500	39.6	8.2	4.83
<b>5800</b>	<b>40.6</b>	<b>8.8</b>	<b>4.61</b>

Seconds to Plane 6.05



Test performed and certified by Yamaha Application Engineers.

**Boat Manufactured By:**

Warrior Boats • 400 Highway 55 West • Maple Lake, MN 55358  
(320) 963-5005 • www.warrior-boats.com

## Boat: V177 BT Falcon XST

Length	17' 7"
Beam	83"
Dry Weight (published)	1,540 lbs.
Max HP	130
Fuel Capacity	36 gals.
Weight as Tested (approximate)	2,745 lbs.

## Engine: F90TLRD

Horsepower	90
Fuel Induction	Electronic Fuel Injection
Displacement	97 cu. in.
Weight	369 lbs.
Gear Ratio	2.31
Mounting Height	#3
Propeller (Dia/Pitch)	13-1/4 x 18 S/S
Propeller Part #	MAR-GYT3B-V4-18

## Test Conditions:

Number of People	2
Air Temperature	63° F
Water Temperature	63° F
Elevation	1,050 ft.
Wind Velocity	5-10 MPH

**Comments:**

Test weight includes 20 gallons of fuel, bow livewell 3/4 full, stern bait-well full, one cranking 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](http://www.yamaha-motor.com).