

# Performance Bulletin

YPB#: 02-45-PLK-A

Test Date: 4-10-02



**F115 TLRA**

**Boat: HP 180 PB**

Length:	18'
Beam:	85"
Weight:	1,246 lbs.
Max H.P.:	150
Fuel Capacity:	27 gals.
Weight As Tested:	2,245 lbs.

**Engine: F115TLRA**

Horsepower:	115
Displacement:	106.2 cu. in.
Weight:	400 lbs.
Gear Ratio:	2.15:1
Mounting Height:	#2
Propeller (Dia/Pitch):	13 1/2 x 21 Pro Series
Propeller Part #:	62A-45970-10-00

**Performance Data**

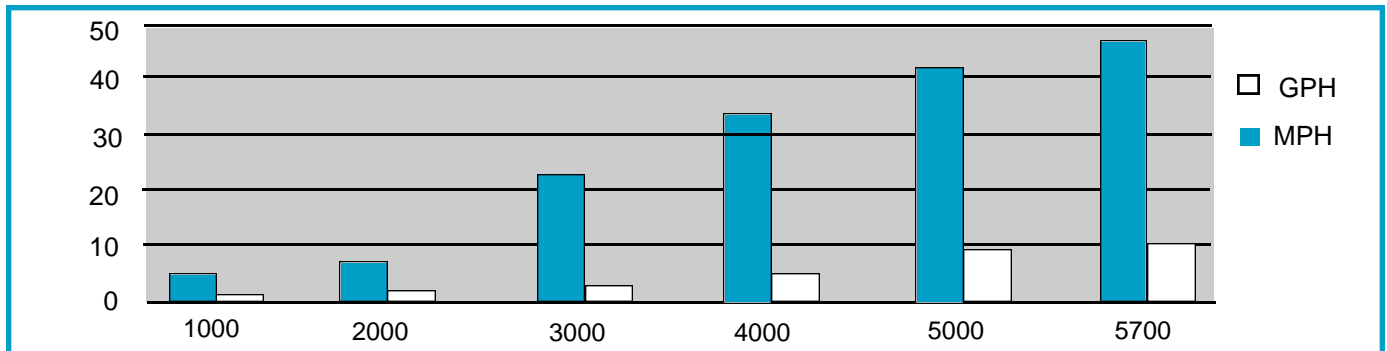
RPM	MPH	GPH	MPG	Db
1000	4.4	0.8	5.50	61
2000	7.6	1.7	4.47	68
3000	22.8	2.9	7.86	80
4000	33.9	4.6	7.37	92
5000	42.8	9.1	4.70	98
5700	46.6	10.0	4.66	102
Seconds to Plane:		4.13		

**Test Conditions**

No. of People:	2
Air Temp:	54°
Water Temp:	40°
Elevation:	610'
Wind Velocity:	5-10 MPH

**Comments:** Tested weight includes 14 gallons of gas, starting battery and gear bag.

Note: Data may vary due to changes in weather, elevation, load and boat bottom conditions. Fuel data gathered with Yamaha Fuel Management System. Speed data gathered with GPS receiver.



Test performed and certified by Yamaha application engineers