

# Performance Bulletin

YPB#: 02-34-WAR-A

Test Date: 5-15-02



**F115 TXRA**

**Boat: V177 XST Backtroller Eagle**

Length:	17' 4"
Beam:	83"
Weight:	1,346 lbs.
Max H.P.:	130
Fuel Capacity:	36 gals.
Weight As Tested:	2,755 lbs.

**Engine: F115TXRA**

Horsepower:	115
Displacement:	106.2 cu. in.
Weight:	412 lbs.
Gear Ratio:	2.15:1
Mounting Height:	#3
Propeller (Dia/Pitch):	13 1/2 x 19 Pro Series
Propeller Part #:	62A-45974-10-00

## Performance Data

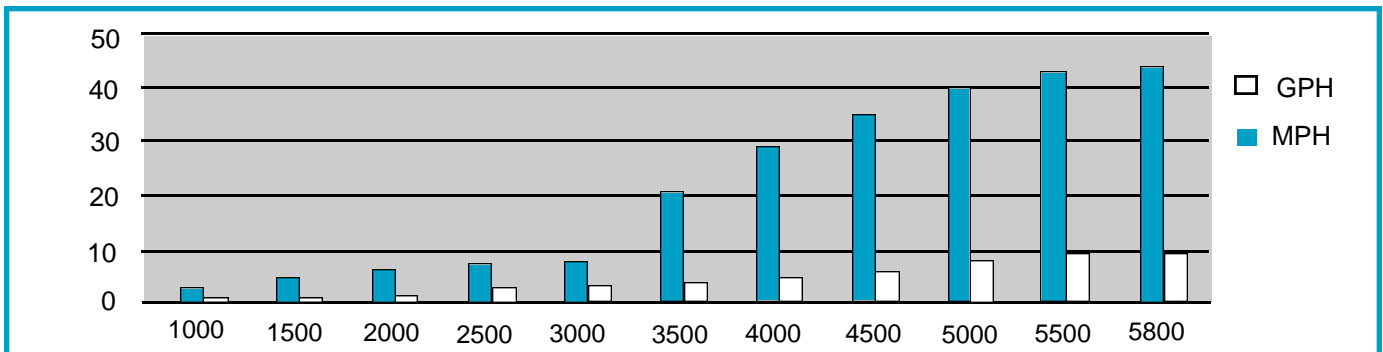
RPM	MPH	GPH	MPG	Db
1000	3.1	0.6	5.17	66
1500	5	1.0	5.00	69
2000	6.7	1.5	4.47	74
2500	7.6	2.7	2.81	76
3000	8.4	3.7	2.27	80
3500	20.45	4.0	5.11	82
4000	29.3	4.9	5.98	88
4500	35.3	6.2	5.69	90
5000	39.9	7.7	5.18	91
5500	42.9	9.4	4.56	92
5800	44.1	9.9	4.45	93
Seconds to Plane:		6.38		

## Test Conditions

No. of People:	2
Air Temp:	63°
Water Temp:	54°
Elevation:	1,050 ft.
Wind Velocity:	10-15 MPH

**Comments:** Tested weight includes 32 gallons of gas, one transom mount trolling motor, 3 group 27 series batteries, stern baitwell full 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