

# Performance Bulletin

YPB#: 02-50-PLK-A

Test Date: 4-10-02



**90 TLRA**

**Boat: Kodiak V169FS**

Length:	16' 9"
Beam:	86"
Weight:	1,184 lbs.
Max H.P.:	115
Fuel Capacity:	27 gals.
Weight As Tested:	1,965 lbs.

**Engine: 90TLRA**

Horsepower:	90
Displacement:	69.6 cu. in.
Weight:	261 lbs.
Gear Ratio:	2.0:1
Mounting Height:	#2
Propeller (Dia/Pitch):	13 x 19 Black Stainless
Propeller Part #:	688-45970-03-98

## Performance Data

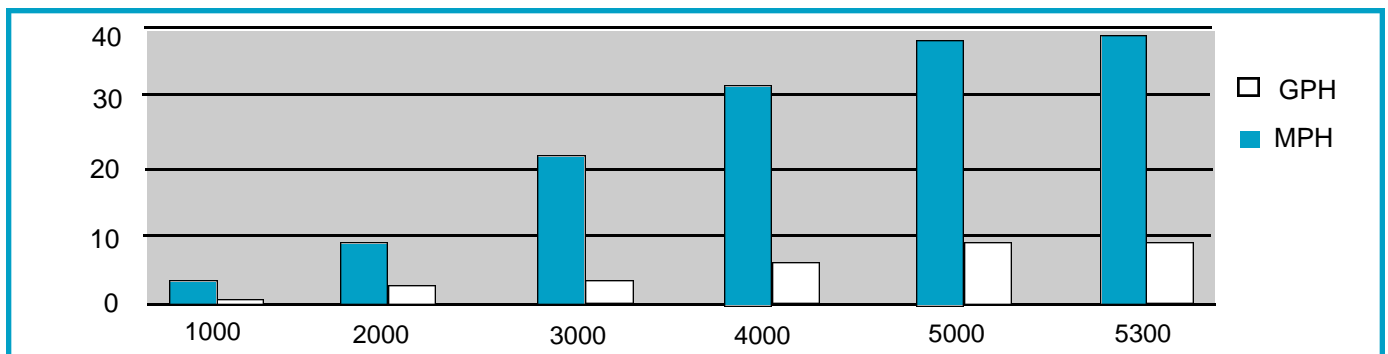
RPM	MPH	GPH	MPG	Db
1000	4.8	0.9	5.33	61
2000	8.7	3.0	2.90	69
3000	21.5	4.1	5.24	78
4000	31.5	6.3	5.00	83
5000	39.4	9.1	4.33	88
5300	40.1	9.3	4.31	91
Seconds to Plane:		3.92		

## Test Conditions

No. of People:	2
Air Temp:	41°
Water Temp:	40°
Elevation:	610'
Wind Velocity:	5-10 MPH

**Comments:** Tested weight includes 3 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