

# Performance Bulletin

YPB#: 02-162-AVN-B

Test Date: 10-1-02



F90 TLRB

**Boat: SeaSport 490 DL**

Length:	16' 1"
Beam:	7' 8 1/2"
Weight:	911 lbs.
Max H.P.:	100
Fuel Capacity:	36 gals.
Weight As Tested:	1,901 lbs.

**Engine: F90TLRB**

Horsepower:	90
Displacement:	97 cu. in.
Weight:	356 lbs.
Gear Ratio:	2.31
Mounting Height:	#3
Propeller (Dia/Pitch):	13 1/2 x 19 Pro
Propeller Part #:	62A-45974-10-00

**Performance Data**

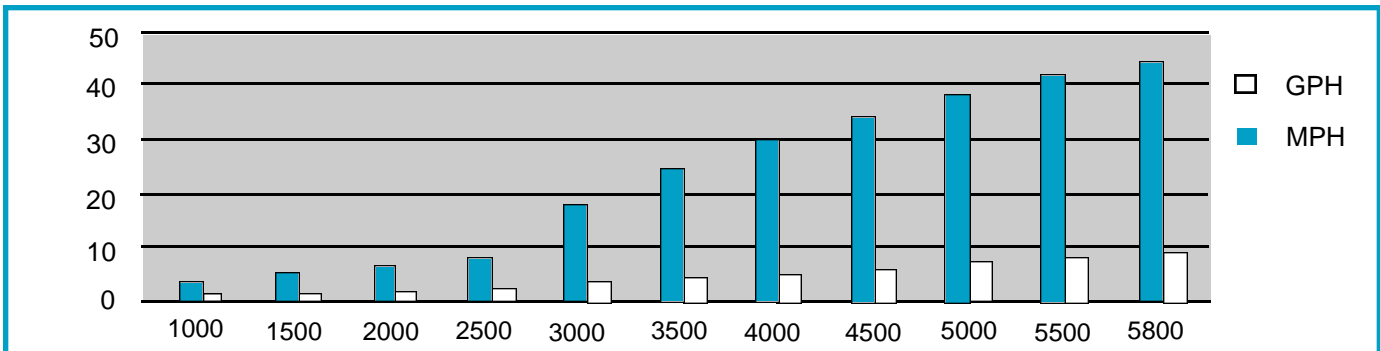
RPM	MPH	GPH	MPG	Db
1000	3.9	.6	6.50	64
1500	5.5	.9	6.11	69
2000	6.7	1.3	5.15	70
2500	8.0	2.5	3.20	72
3000	18.3	3.1	5.90	82
3500	24.8	4.0	6.20	82
4000	29.6	4.6	6.43	83
4500	34.2	6.2	5.52	85
5000	38.3	7.3	5.25	86
5500	42.3	8.2	5.16	89
5800	44.3	9.2	4.82	91
Seconds to Plane:		2.80		

**Test Conditions**

No. of People:	2
Air Temperature:	82°
Water Temp:	75°
Elevation:	Sea Level
Wind Velocity:	0-5 mph

**Comments:** Test weight includes 1/2 tank of fuel, one battery, safety and test gear. The driver is wearing a USCG Type 1 approved PFD.

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