

# Performance Bulletin

YPB#: 02-236-SCT-B

Test Date: 9-21-02



F90 TLRB

### Boat: 175 Dorado

Length:	17' 5"
Beam:	7' 5"
Weight:	1,050 lbs.
Max H.P.:	130
Fuel Capacity:	34 gals.
Weight As Tested:	2,143 lbs.

### Engine: F90TLRB

Horsepower:	90
Displacement:	97 cu. in.
Weight:	370 lbs.
Gear Ratio:	2.31
Mounting Height:	#2
Propeller (Dia/Pitch):	13 x 19 S/S
Propeller Part #:	688-45970-03-98

### Performance Data

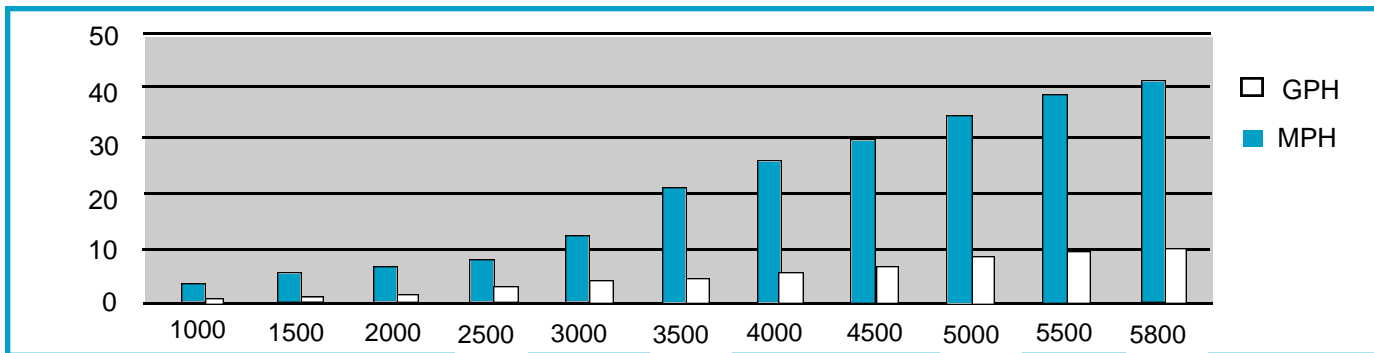
RPM	MPH	GPH	MPG	Db
1000	3.8	.5	7.60	61
1500	5.4	1.0	5.40	68
2000	6.7	1.7	3.94	70
2500	7.8	2.8	2.79	73
3000	12.4	4.2	2.95	80
3500	21.3	4.5	4.73	81
4000	26.0	5.3	4.91	80
4500	29.6	6.8	4.35	83
5000	34.6	8.5	4.07	85
5500	38.7	9.5	4.07	88
5800	40.5	10.1	4.01	90
Seconds to Plane:		3.84		

### Test Conditions

No. of People:	2
Air Temperature:	86°
Water Temp:	84°
Elevation:	Sea Level
Wind Velocity:	5-10 mph

**Comments:** Test weight includes 1/2 tank of fuel, one battery, safety and test gear.

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