



# PURSUIT ENGINEERING

## Boat Performance Test

**Test Title:** 2570 CC With Yamaha 250 Four Stroke

**Boat Model:** 2570 Center Console

**Hull #:** C5136D505

**Engine Model/HP:** F250TXRD

**Propeller:** 15-1/4 X 17 Saltwater Series

**Gear Ratio:** 2

**Weight as Tested:** Dry=4,710 Fuel=937 Water=167

People=320 Gear=100 **Total=6,234 lbs.**

**Load:** Fuel-150 gal. Water-20 gal.

2-Man Load, T-Top, No Bottom Paint

**Test Date:** April 21, 2005

**Tested By:** Craig Feinauer, Eric Hess

**Test Location:** S.Indian River, Fort Pierce

**Air Temp:** 76°

**Water Temp:** 74°

**Wind MPH/Direction:** 10 / ENE

**Water Cond:** Lt. Chop

**Fuel Capacity:** 150 Gallons

**Operating range:** 5000 - 6000

RPM	Trim*	Direction: N				Direction: S				Averages			
		MPH	GPH	dB	RUN °	MPH	GPH	dB	RUN °	MPH	GPH	dB	RUN °
600	1	3.1	1.0	57.0	0.0	1.1	1.1	60.0	0.0	2.1	1.1	58.5	0.0
1000	1	4.9	1.5	63.0	0.0	3.5	1.7	62.0	0.0	4.2	1.6	62.5	0.0
1500	1	7.1	1.7	68.5	1.0	5.6	1.9	67.0	1.0	6.4	1.8	67.8	1.0
2000	1	8.3	2.7	72.0	2.0	7.1	2.7	70.0	2.0	7.7	2.7	71.0	2.0
2500	1	9.6	4.0	71.5	5.0	7.9	3.7	71.5	5.0	8.8	3.9	71.5	5.0
3000	1	13.7	5.8	76.0	6.0	12.0	5.4	76.0	6.0	12.9	5.6	76.0	6.0
3500	1	20.9	7.2	80.0	6.0	19.0	6.9	77.5	6.0	20.0	7.1	78.8	6.0
4000	2	27.8	8.6	80.0	5.0	26.7	9.1	80.0	5.0	27.3	8.9	80.0	5.0
4500	2	32.3	11.1	81.0	4.0	30.7	11.0	82.0	4.0	31.5	11.1	81.5	4.0
5000	3	36.0	13.5	82.0	3.5	35.1	13.3	81.0	3.5	35.6	13.4	81.5	3.5
5500	4	39.3	15.6	83.0	3.0	39.0	16.4	83.0	3.0	39.2	16.0	83.0	3.0
6000	5	44.0	20.3	87.0	3.0	43.3	20.1	88.0	3.0	43.7	20.2	87.5	3.0

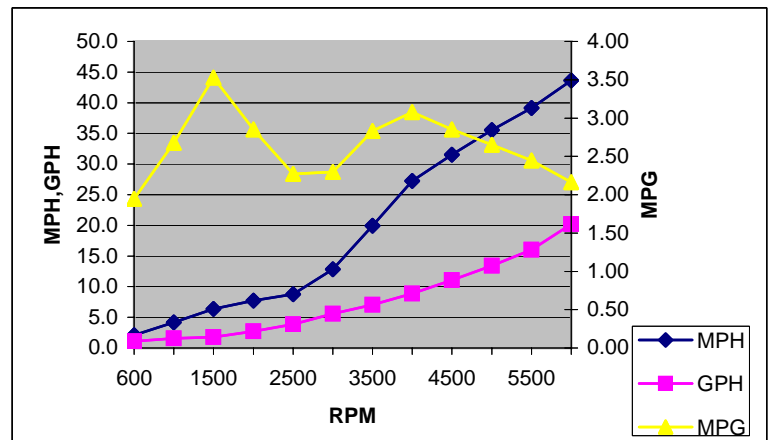
\*Trim angles measured in bars taken from the Yamaha trim meter.

0 to 30 mph Acceleration = N/ 9.84 N/ 9.86 S/ 9.37 S/ 9.46 --- Avg. 9.63sec.

### Fuel Economy Data

RPM	MPH	MPG	RANGE
600	2.1	1.94	263
1000	4.2	2.68	361
1500	6.4	3.53	476
2000	7.7	2.85	385
2500	8.8	2.27	307
3000	12.9	2.29	310
3500	20.0	2.83	382
4000	27.3	3.08	416
4500	31.5	2.85	385
5000	35.6	2.65	358
5500	39.2	2.45	330
6000	43.7	2.16	292

\*Range based on 90% of total fuel capacity



Note: Data may vary due to changes in weather, elevation, options, load and bottom conditions.

Fuel data gathered with Yamaha Fuel Management System. Speed data gathered with GPS.