



# PURSUIT ENGINEERING

## Boat Performance Test

**Test Title:** 3480 CC With Yamaha 250 Four Strokes  
**Boat Model:** 3480 Center Console  
**Hull #:** SSUH4115L405  
**Engine Model/HP:** F250TXRD / LF250TXRD  
**Propeller:** 15-1/4 X 19 SWS (1)  
**Gear Ratio:** 2  
**Weight as Tested:** Dry=9300 Fuel=2,318 Water=251  
 Gear=100 People=675 **Total=12,644 lbs.**  
**Load:** Fuel-371 gal. Water-30 gal.  
 4-People, Hardtop, No Bottom Paint

**Test Date:** Feb. 1, 2005  
**Tested By:** Eric Hess, Craig Feinauer  
 Vito P. Marv S. - From Yamaha  
**Test Location:** ICW - Fort Pierce  
**Air Temp:** 65°  
**Water Temp:** 64°  
**Wind MPH/Direction:** 5-10 North  
**Water Cond:** Lt. Chop  
**Fuel Capacity:** 375 Gallons  
**Operating range:** 5000-6000

RPM	TRIM	Direction: N				Direction: S				Averages			
		BARS*	MPH	GPH	dB	RUN °	MPH	GPH	dB	RUN °	MPH	GPH	dB
600	1	4.6	1.4	55	0	4.6	1.4	56	0	4.6	1.4	55.5	0
1000	1	4.8	2.4	67	1	6.7	2.9	64	1	5.8	2.7	65.5	1
1500	1	7.5	3.8	68	2	8.7	3.6	66	2	8.1	3.7	67	2
2000	1	9.1	6.0	73	3	10.1	5.5	71	3	9.6	5.8	72	3
2500	1	10.1	8.8	74	5	11.2	8.8	74	5	10.7	8.8	74	5
3000	1	13.5	11.3	78	6	15.4	12.0	78	6	14.5	11.7	78	6
3500	1	17.6	15.0	81	6	19.0	14.4	82	6	18.3	14.7	81.5	6
4000	1	28.5	20.0	81	5	30.4	20.0	81	5	29.5	20.0	81	5
4500	3	33.7	24.0	84	5	35.3	24.0	84	5	34.5	24.0	84	5
5000	3	39.1	27.7	85	5	40.1	27.7	86	5	39.6	27.7	85.5	5
5500	3	43.1	32.7	86.5	5	43.9	36.0	86	5	43.5	34.4	86.3	5
6000	4	46.7	40.0	87.5	5	48.7	45.0	88	5	47.7	42.5	87.8	5

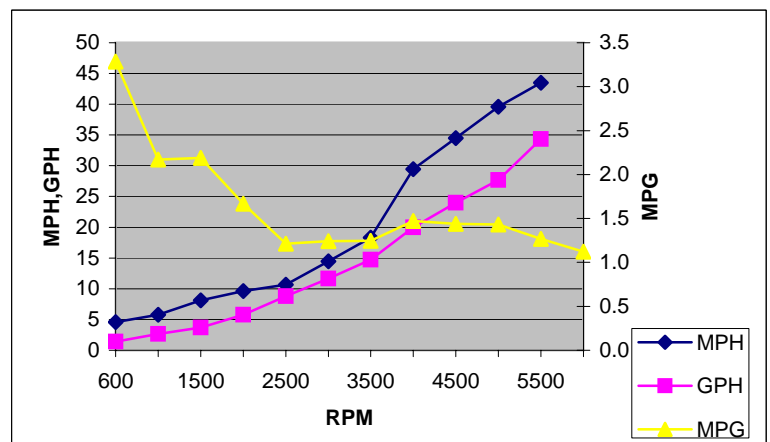
\*Trim readings were recorded using the LCD Bars on the Yamaha Trim Gauge.

Engine Mtg. Hole 3rd. - Engines Toe IN/OUT = 1/4" Out - Engine Centers = 29"

0 to 30 mph Acceleration = N/ 11.0 N/ 10.7 S/ 10.4 S/ 10.2 --- Avg. 10.6 sec.

## Fuel Economy Data

RPM	MPH	MPG	RANGE*	%SLIP
600	4.6	3.29	1109	11.7
1000	5.8	2.17	732	15.6
1500	8.1	2.19	739	16.7
2000	9.6	1.67	563	18.7
2500	10.7	1.21	409	21.1
3000	14.5	1.24	419	18.7
3500	18.3	1.24	420	17.2
4000	29.5	1.47	497	12.2
4500	34.5	1.44	485	11.7
5000	39.6	1.43	483	11.4
5500	43.5	1.27	427	11.4
6000	47.7	1.12	379	11.3



\*Range based on 90% of total fuel capacity