



# PURSUIT ENGINEERING

## Boat Performance Test

**Test Title:** OS 315 With Twin Yamaha 250's  
**Boat Model:** OS 315 Offshore  
**Hull #:** Y1101A708  
**Engine Model/HP:** LF250TXR / F250TXR  
**Propeller:** 15-1/4" X 19" SWS II  
**Gear Ratio:** 2  
**Weight as Tested:** Dry=11,015 Fuel=1,775 Water=251  
 3 People=520, Gear=50 **Total=13,611 Lbs.**  
**Load:** Fuel 284 Gallons, Water 30 Gallons  
 3 People, Hardtop, Electronics,  
 Generator, No Bottom Paint

**Test Date:** June 8, 2007  
**Tested By:** Craig Feinauer, Eric Hess,  
 Jay Fathauer  
**Test Location:** N. Indian River  
**Air Temp (°F):** 76  
**Water Temp (°F):** 79.6  
**Wind MPH/Direction:** 5 / NNE  
**Water Cond:** Light Chop  
**Fuel Capacity:** 284 **Gallons**  
**Operating range:** 5000 - 6000  
**Engine Mt. Hole:** #2

RPM	*TRIM	Direction: N				Direction: S				Averages			
		MPH	GPH	dB	RUN °	MPH	GPH	dB	RUN °	MPH	GPH	dB	RUN °
600	1	3.0	1.3	61.0	0.0	3.9	1.3	59.0	0.0	3.5	1.3	60.0	0.0
1000	1	5.4	2.6	65.0	0.0	5.4	2.5	62.0	0.0	5.4	2.6	63.5	0.0
1500	1	7.4	3.8	68.0	0.5	7.6	3.8	65.0	0.5	7.5	3.8	66.5	0.5
2000	1	9.0	6.1	73.0	1.5	9.1	6.0	69.0	1.5	9.1	6.1	71.0	1.5
2500	1	10.0	8.6	75.0	3.5	10.1	8.4	73.0	3.0	10.1	8.5	74.0	3.3
3000	1	11.1	11.7	80.0	4.5	10.8	11.7	78.0	4.5	11.0	11.7	79.0	4.5
3500	1	14.7	14.8	82.0	5.0	15.9	15.2	79.0	5.5	15.3	15.0	80.5	5.3
4000	1	27.4	19.8	84.0	5.0	27.2	19.5	81.0	5.0	27.3	19.7	82.5	5.0
4500	2	33.5	24.7	85.0	4.0	33.2	24.5	82.0	4.0	33.4	24.6	83.5	4.0
5000	3	37.9	29.1	86.0	3.5	37.7	29.1	84.0	4.0	37.8	29.1	85.0	3.8
5500	4	42.6	35.6	89.0	3.0	42.2	34.7	87.0	3.5	42.4	35.2	88.0	3.3
6000	6	46.6	42.1	88.0	3.5	46.3	42.1	87.0	3.5	46.5	42.1	87.5	3.5

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

0 to 30 mph Acceleration = N/ 11.4 N/ 12.4 S/ 11.9 S/ 11.2 --- Avg. 11.7 sec.

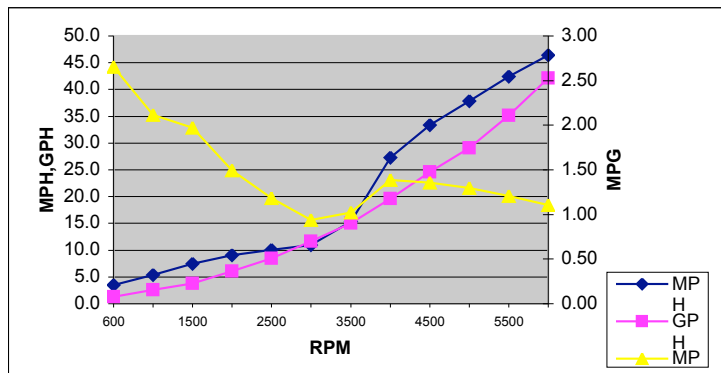
Light Load Performance: N = 46 mph @ 6000 rpm / S = 48.6 mph @ 6000 rpm

\*Avg. Light Performance = 47.3 mph @ 6000 rpm

### Fuel Economy Data

RPM	MPH	MPG	RANGE
600	3.5	2.65	678
1000	5.4	2.12	541
1500	7.5	1.97	504
2000	9.1	1.50	382
2500	10.1	1.18	302
3000	11.0	0.94	239
3500	15.3	1.02	261
4000	27.3	1.39	355
4500	33.4	1.36	347
5000	37.8	1.30	332
5500	42.4	1.21	308
6000	46.5	1.10	282

\*Range based on 90% of total fuel capacity



**Note:**

Data may vary due to changes in weather, elevation, options and equipment, load and boat bottom conditions.  
 Fuel data gathered with Yamaha's Command Link fuel management system. Speed data gathered with GPS.