



# **PURSUIT ENGINEERING**

## **Boat Performance Test**

**Test Title:** OS 375 Offshore w/ Yamaha Triple F350's  
**Boat Model:** OS 375 Offshore  
**Hull #:** SSUY6101A809  
**Engine Model/HP:** F350TXR hp  
**Propeller:** 16-1/4" x 19" Saltwater Series XL  
**Gear Ratio:** 1.73  
**Weight as Tested:** Dry lbs: 18,442 lbs.  
 +Full Fuel, Water, Persons, Gear  
**Total Test lbs:** 21,986 lbs.  
**Load:** 370 Gallons of Fuel, 65 Gallons of Water,  
 25 Gallons of Diesel, 3 People, Electronics, No bottom Paint

**Test Date:** March 10, 2008  
**Tested By:** Eric H, Craig F, Clif C  
**Test Location:** Indian River, Fort Pierce, FL  
**Air Temp(F°):** 72  
**Water Temp(F°):** 74  
**Wind MPH/Direction:** 8 / ENE  
**Water Cond:** Calm  
**Fuel Capacity:** 370 Gallons  
**Operating range:** 5000 - 6000

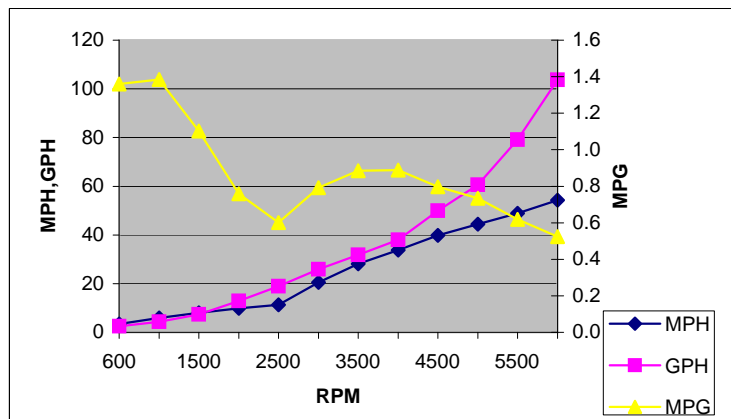
RPM	TRIM	Direction: N				Direction: S				Averages			
		MPH	GPH	dB	RUN °	MPH	GPH	dB	RUN °	MPH	GPH	dB	RUN °
600	1	1.8	2.4	57	0	5.0	2.6	55	0	3.4	2.5	56.0	0.0
1000	1	4.4	4.4	63	0	7.5	4.2	63	0	6.0	4.3	63.0	0.0
1500	1	6.3	7.3	68	1.0	9.8	7.3	70	1.0	8.1	7.3	69.0	1.0
2000	1	8.2	12.8	71	1.5	11.4	13.0	73	1.5	9.8	12.9	72.0	1.5
2500	1	9.9	18.7	76	3.5	12.8	19.1	78	3.5	11.4	18.9	77.0	3.5
3000	1	19.0	26.2	78	4.0	22.1	25.7	80	4.5	20.6	26.0	79.0	4.3
3500	1	26.8	31.8	83	4.0	29.5	31.8	83	3.5	28.2	31.8	83.0	3.8
4000	2	32.7	38.8	87	3.0	34.8	37.1	85	3.0	33.8	38.0	86.0	3.0
4500	3	38.2	50.0	86	3.0	41.5	50.0	87	2.5	39.9	50.0	86.5	2.8
5000	4	43.2	61.2	88	2.5	45.7	59.9	89	2.5	44.5	60.6	88.5	2.5
5500	4	47.3	78.3	90	2.5	50.5	80.0	90	2.0	48.9	79.2	90.0	2.3
6000	5	52.5	103.5	93	2.0	56.1	104.0	93	1.5	54.3	103.8	93.0	1.8

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

0 to 30 mph Full Load Accel. = 8.4 sec.

### **Fuel Economy Data**

RPM	MPH	MPG	RANGE*
600	3.4	1.36	453
1000	6.0	1.38	461
1500	8.1	1.10	367
2000	9.8	0.76	253
2500	11.4	0.60	200
3000	20.6	0.79	264
3500	28.2	0.89	295
4000	33.8	0.89	296
4500	39.9	0.80	265
5000	44.5	0.73	244
5500	48.9	0.62	206
6000	54.3	0.52	174



\*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 receiver.