



PURSUIT ENGINEERING

Boat Performance Test

Test Title: OS 385 Offshore with Triple F350's

Boat Model: OS 385 Offshore

Hull #: SSUY8101G112

Engine Model/HP: Triple Yamaha F350's (F350TXR)

Propeller: 16-1/4 x 17 SWS XL / SDS

Gear Ratio: 1.73

Weight as Tested: Dry=18,915 Fuel=2,312 People=725

Fresh Water=543 Diesel=174

Gear=150 **Total: 22,819 lbs**

Load: Fuel-370 Gallons, Water-65 Gallons

Diesel-25 Gallons, People-4

Test Date: October 4, 2011

Tested By: Craig Feinauer & Steve Cheri

Test Location: ICW - Ft. Pierce, FL.

Air Temp: 86

Water Temp: 83

Wind MPH/Direction: 8 / East

Water Cond: Lt. Chop

Fuel Capacity: 370

Operating range: 5000 - 6000

Engine Mt. Hole: 3 & 6

RPM	Trim	Direction: N				Direction: S				Averages			
		Bars	MPH	GPH	dB	RUN °	MPH	GPH	dB	RUN °	MPH	GPH	dB
600	1	5.2	2.4	62.2	0.0	3.9	2.5	62.0	0.0	4.6	2.5	62.1	0.0
1000	1	7.7	4.6	66.0	0.0	4.8	3.9	66.0	0.0	6.3	4.3	66.0	0.0
1500	1	9.4	7.5	69.0	0.0	7.8	7.6	70.0	1.0	8.6	7.6	69.5	0.5
2000	1	11.2	12.9	72.0	2.0	9.3	12.6	73.0	2.0	10.3	12.8	72.5	2.0
2500	1	12.4	19.2	77.0	4.0	11.1	19.5	78.0	5.0	11.8	19.4	77.5	4.5
3000	1	22.0	25.7	79.0	5.0	18.9	25.0	79.0	5.0	20.5	25.4	79.0	5.0
3500	1	29.3	32.3	80.0	4.0	27.4	33.3	79.0	4.0	28.4	32.8	79.5	4.0
4000	2	36.0	36.2	85.0	4.0	32.8	39.6	80.0	4.0	34.4	37.9	82.5	4.0
4500	3	40.1	49.5	83.0	4.0	38.5	47.7	80.0	4.0	39.3	48.6	81.5	4.0
5000	4	45.1	61.4	83.0	3.0	43.4	60.7	80.0	3.0	44.3	61.1	81.5	3.0
5500	5	50.1	78.3	84.0	3.0	47.7	74.5	81.0	3.0	48.9	76.4	82.5	3.0
6100	7	54.9	101.3	85.0	3.0	53.2	99.6	83.0	3.0	54.1	100.5	84.0	3.0

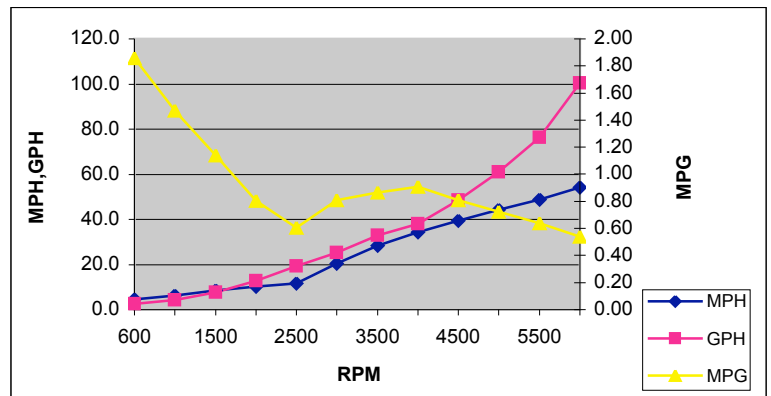
*Trim angles measured in bars taken from the Yamaha trim meter.

0 to 30 mph Acceleration = Avg. 7.77 sec.

Fuel Economy Data

RPM	MPH	MPG	RANGE
600	4.6	1.86	618
1000	6.3	1.47	490
1500	8.6	1.14	379
2000	10.3	0.80	268
2500	11.8	0.61	202
3000	20.5	0.81	269
3500	28.4	0.86	288
4000	34.4	0.91	302
4500	39.3	0.81	269
5000	44.3	0.72	241
5500	48.9	0.64	213
6100	54.1	0.54	179

*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.