



PURSUIT ENGINEERING

Boat Performance Test

Test Title: 2570 Offshore-Yamaha 150 Four Stroke-Rev. A **Test Date:** Mar. 11, 2005

Boat Model: 2570 Offshore

Tested By: Craig Feinauer

Hull #: SSUW5101A505

Engine Model/HP: F150TXRD

Test Location: N. Indian River - Fort Pierce

Propeller: 15 X 17 T-Series

Air Temp: 68°

Gear Ratio: 2

Water Temp: 63°

Weight as Tested: Dry=6,100 Fuel=812 Water=167

Wind MPH/Direction: 10 / WSW

Gear=100 People=145 **Total=7,324**

Water Cond: Lt. Chop

Load: Fuel-130 gal. Water-20 gal.

Fuel Capacity: 130 Gallons

One Man, Hardtop, No bottom paint

Operating range: 5000 - 6000

Direction: N						Direction: S				Averages			
RPM	TRIM°	MPH	GPH	dB	RUN °	MPH	GPH	dB	RUN °	MPH	GPH	dB	RUN °
600	-4.2	4.3	0.9	57.0	0.0	3.2	0.9	57.0	0.0	3.8	0.9	57.0	0.0
1000	-4.2	6.3	1.8	66.0	0.0	5.3	1.8	66.0	0.0	5.8	1.8	66.0	0.0
1500	-4.2	7.8	2.4	67.0	1.0	6.9	2.1	68.0	1.0	7.4	2.3	67.5	1.0
2000	-4.2	9.6	4.0	72.0	3.0	8.6	4.4	69.0	3.0	9.1	4.2	70.5	3.0
2500	-4.2	12.6	6.5	75.0	5.0	12.1	6.0	74.0	5.0	12.4	6.3	74.5	5.0
3000	-4.2	20.0	7.5	79.0	6.5	19.2	8.5	81.0	6.5	19.6	8.0	80.0	6.5
3500	-4.2	26.0	10.4	82.0	5.0	24.5	10.5	83.0	5.5	25.3	10.5	82.5	5.3
4000	-3.8	30.4	12.0	83.0	4.5	30.0	13.0	82.0	4.5	30.2	12.5	82.5	4.5
4500	-2.7	35.1	16.0	84.0	4.0	35.4	16.5	84.0	3.5	35.3	16.3	84.0	3.8
5000	-0.7	39.0	19.5	86.0	3.0	40.0	20.5	84.0	3.0	39.5	20.0	85.0	3.0
5500	+1.0	44.3	26.5	88.0	3.0	43.5	26.0	88.0	3.0	43.9	26.3	88.0	3.0
5900	+2.8	46.7	30.2	93.0	3.0	46.3	30.0	91.0	3.0	46.5	30.1	92.0	3.0

0 to 30 mph Acceleration = N/ 6.4 N/ 6.3 S/ 6.7 S/ 6.4 --- Avg. 6.5 sec.

RPM	MPH	MPG	RANGE
600	3.8	4.19	490
1000	5.8	3.26	381
1500	7.4	3.27	382
2000	9.1	2.17	254
2500	12.4	1.98	231
3000	19.6	2.45	287
3500	25.3	2.42	283
4000	30.2	2.42	283
4500	35.3	2.17	254
5000	39.5	1.98	231
5500	43.9	1.67	196
5900	46.5	1.54	181

*Range based on 90% of total fuel capacity

Fuel Economy Data

