



PURSUIT ENGINEERING

Boat Performance Test

Test Title: 2570 Offshore-Single Yamaha 250 Four Stoke

Test Date: Mar.16, 2005

Boat Model: 2570 Offshore

Tested By: Craig Feinauer, Eric Hess

Hull #: W5102B505

Engine Model/HP: F250TXRD

Test Location: N. Indian River - Fort Pierce

Propeller: 15-1/4 X 17 Saltwater Series

Air Temp: 83°

Gear Ratio: 2

Water Temp: 65°

Weight as Tested: Dry=5,480 Fuel=812 Water=167

Wind MPH/Direction: 14/SSW

Gear=100 People=320 **Total=6,879**

Water Cond: Lt. Chop

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

Fuel Capacity: 130 Gallons

2Man, Hardtop, No Bottom Paint

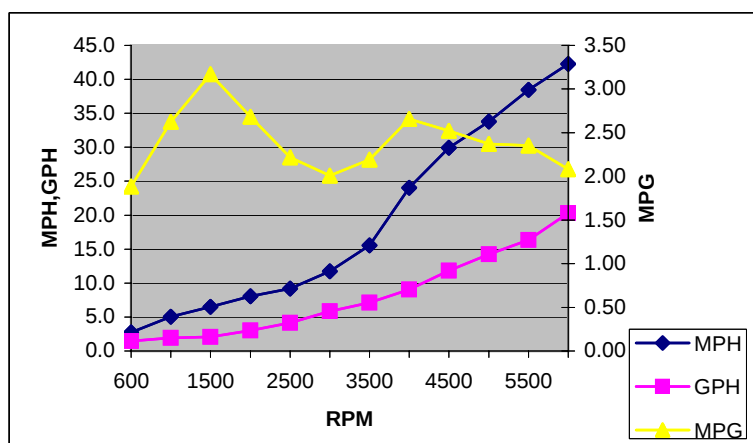
Operating range: 5000 - 6000

Direction: N						Direction: S				Averages			
RPM	TRIM°	MPH	GPH	dB	RUN °	MPH	GPH	dB	RUN °	MPH	GPH	dB	RUN °
600	-4.2	4.0	1.5	56.0	0.0	1.5	1.5	58.0	0.0	2.8	1.5	57.0	0.0
1000	-4.2	6.3	1.8	63.0	0.0	3.8	2.1	63.0	0.0	5.1	1.9	63.0	0.0
1500	-4.2	7.5	2.2	66.0	0.5	5.5	1.9	67.0	0.5	6.5	2.1	66.5	0.5
2000	-4.2	9.1	3.0	69.0	1.5	7.0	3.0	71.0	1.5	8.1	3.0	70.0	1.5
2500	-4.2	10.1	4.2	73.0	3.5	8.3	4.1	74.0	4.0	9.2	4.2	73.5	3.8
3000	-4.2	12.8	5.9	76.0	6.0	10.7	5.8	78.0	6.0	11.8	5.9	77.0	6.0
3500	-4.2	17.1	6.8	81.0	6.0	14.0	7.4	80.0	6.0	15.6	7.1	80.5	6.0
4000	+0.4	25.1	8.6	82.0	5.5	23.0	9.5	82.0	5.5	24.1	9.1	82.0	5.5
4500	+2.2	31.8	11.8	84.0	5.0	28.0	11.9	84.0	5.0	29.9	11.9	84.0	5.0
5000	+4.1	34.8	14.2	84.0	4.0	32.8	14.3	85.0	4.0	33.8	14.3	84.5	4.0
5500	+6.1	40.4	16.4	86.0	4.0	36.5	16.3	86.0	4.0	38.5	16.4	86.0	4.0
6000	+7.6	44.4	20.7	87.0	4.0	40.1	19.9	88.0	4.0	42.3	20.3	87.5	4.0

0 to 30 mph Acceleration = N/ 11.07 N/ 10.92 S/ 11.56 S/ 11.82 --- Avg. 11.34sec.

Fuel Economy Data

RPM	MPH	MPG	RANGE
600	2.8	1.88	220
1000	5.1	2.62	307
1500	6.5	3.17	371
2000	8.1	2.68	314
2500	9.2	2.22	259
3000	11.8	2.01	235
3500	15.6	2.19	256
4000	24.1	2.66	311
4500	29.9	2.52	295
5000	33.8	2.37	278
5500	38.5	2.35	275
6000	42.3	2.08	244



*Range based on 90% of total fuel capacity