PURSUIT ENGINEERING

Boat Performance Test

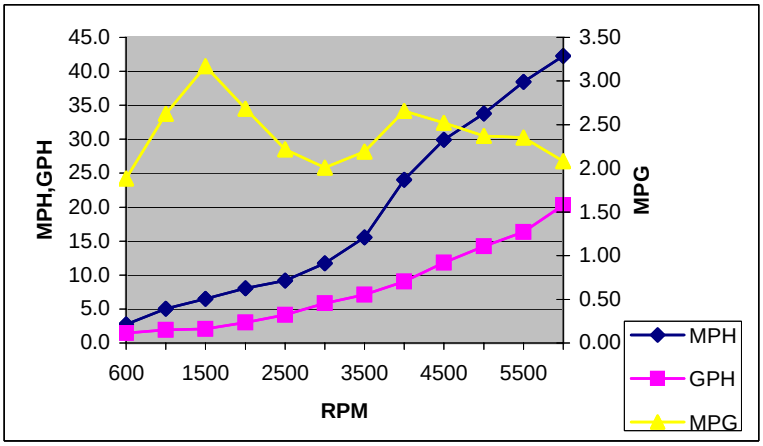
Test Title: **2570 Offshore-Single Yamaha 250 Four Stoke**
Boat Model: 2570 Offshore
Hull #: W5102B505
Engine Model/HP: F250TXRD
Propeller: 15-1/4 X 17 Saltwater Series
Gear Ratio: 2
Weight as Tested: Dry=5,480 Fuel=812 Water=167
Gear=100 People=320 **Total=6,879**
Load: Fuel-130 gal. Water-20 gal.
2Man, Hardtop, No Bottom Paint

Test Date: Mar.16, 2005
Tested By: Craig Feinauer, Eric Hess
Test Location: N. Indian River - Fort Pierce
Air Temp: 83°
Water Temp: 65°
Wind MPH/Direction: 14/SSW
Water Cond: Lt. Chop
Fuel Capacity: 130 **Gallons**
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