PURSUIT ENGINEERING

Boat Performance Test

Test Title: **3070 Offshore With Yamaha 250 Four Strokes**
Boat Model: 3070 Offshore
Hull #: SSUY3271D505
Engine Model/HP: F250TXRD
Propeller: 15-1/4 x 19 Saltwater Series
Gear Ratio: 2
Weight as Tested: Dry=9,640 Fuel=1,937 Water=251 People=325 Gear=100 **Total=12,253 lbs.**
Load: Fuel-310 gal. Water-30 gal. 2 Man Load, Hardtop, No Bottom Paint

Test Date: May 16, 2005
Tested By: Eric Hess, Craig Feinauer
Test Location: S. Indian River - Fort Pierce
Air Temp: 83°
Water Temp: 81°
Wind MPH/Direction: 8-14 / E
Water Cond: Lt. Chop
Fuel Capacity: 310 **Gallons**
Operating range: 5000 - 6000

		Direction: N				Direction: S				Averages			
RPM	**BARS**	**MPH**	**GPH**	**dB**	**RUN °**	**MPH**	**GPH**	**dB**	**RUN °**	**MPH**	**GPH**	**dB**	**RUN °**
600	1	2.7	2.2	54.0	0.0	3.7	2.4	55.0	0.0	**3.2**	**2.3**	**54.5**	**0.0**
1000	1	5.2	3.5	61.0	0.0	6.2	3.8	63.0	0.0	**5.7**	**3.7**	**62.0**	**0.0**
1500	1	7.2	3.7	66.0	0.0	8.0	4.1	66.0	0.5	**7.6**	**3.9**	**66.0**	**0.3**
2000	1	8.6	5.7	69.0	2.0	9.1	6.3	69.0	2.0	**8.9**	**6.0**	**69.0**	**2.0**
2500	1	9.8	8.7	72.0	3.0	9.7	8.9	73.0	4.0	**9.8**	**8.8**	**72.5**	**3.5**
3000	1	15.3	11.4	79.0	4.0	17.0	11.8	78.7	4.0	**16.2**	**11.6**	**78.9**	**4.0**
3500	1	21.6	15.1	80.5	5.0	22.5	14.5	81.0	5.0	**22.1**	**14.8**	**80.8**	**5.0**
4000	2	30.6	19.9	82.0	4.0	31.0	21.3	82.0	4.0	**30.8**	**20.6**	**82.0**	**4.0**
4500	3	35.1	24.0	83.0	4.0	36.3	24.0	84.0	4.0	**35.7**	**24.0**	**83.5**	**4.0**
5000	4	40.4	29.2	85.0	4.0	40.6	29.1	85.0	4.0	**40.5**	**29.2**	**85.0**	**4.0**
5500	5	44.4	35.5	88.0	3.5	45.0	35.7	89.0	3.0	**44.7**	**35.6**	**88.5**	**3.3**
5900	6	46.3	42.0	91.0	3.5	47.2	41.5	91.0	3.0	**46.8**	**41.8**	**91.0**	**3.3**

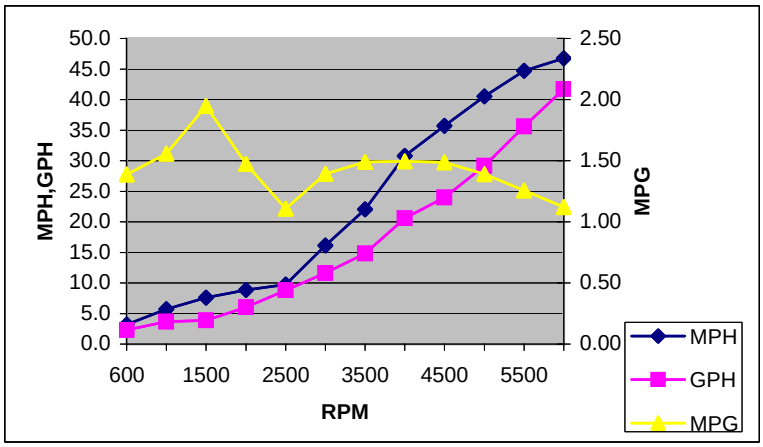
***Trim angles measured in bars taken from the Yamaha trim meter.**

0 to 30 mph Acceleration = N/ 9.9 N/ 10.13 S/ 10.0 S/ 9.98 **--- Avg. 10.0 sec.**

Fuel Economy Data

RPM	MPH	MPG	RANGE
600	3.2	1.39	387
1000	5.7	1.56	435
1500	7.6	1.95	544
2000	8.9	1.48	412
2500	9.8	1.11	309
3000	16.2	1.39	388
3500	22.1	1.49	416
4000	30.8	1.50	417
4500	35.7	1.49	415
5000	40.5	1.39	388
5500	44.7	1.26	350
5900	46.8	1.12	312

*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.