



PURSUIT ENGINEERING

Boat Performance Test

Test Title: Y3 With Twin Yamaha 300 HPDI's

Boat Model: 3070 Offshore

Hull #: SSUY3231D404

Engine Model/HP: Z300TXRC/LZ300TXRC

Propeller: 15-1/4 X 19 SWS

Gear Ratio: 1.75

Weight as Tested: Dry=9,370 Fuel=1,937 Water=251
People=150 Gear=50 **Total=11,758 lbs.**

Load: Fuel=310 gal. Water=30 gal.
1-Person, Hardtop, No Bottom Paint

Test Date: May 20, 2004

Tested By: Craig Feinauer

Test Location: N. Indian River

Air Temp: 83°

Water Temp: 81°

Wind MPH/Direction: 10 / SE

Water Cond: Calm

Fuel Capacity: 310 Gallons

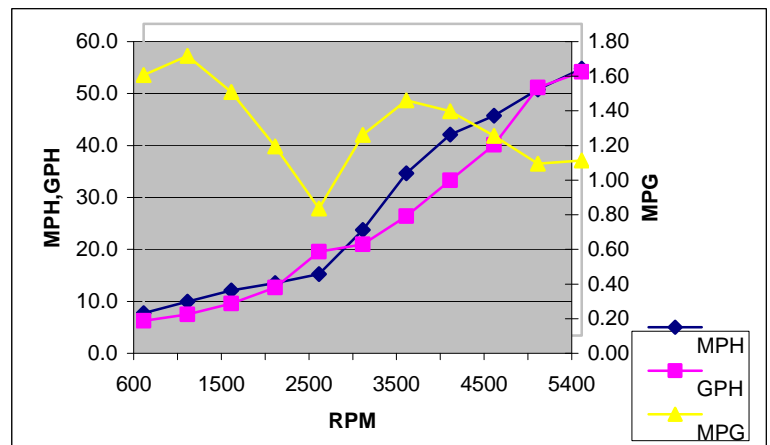
Operating range: 4500-5500

RPM	TRIM°	Direction: N				Direction: S				Averages			
		MPH	GPH	dB	RUN °	MPH	GPH	dB	RUN °	MPH	GPH	dB	RUN °
600	-1.8	4.4	3.0	62.0	0.0	4.2	2.7	63.4	0.0	4.3	2.9	62.7	0.0
1000	-1.8	6.8	4.0	70.5	0.0	6.3	4.1	69.0	0.0	6.6	4.1	69.8	0.0
1500	-1.8	8.9	6.2	73.2	1.0	8.5	6.2	72.0	1.0	8.7	6.2	72.6	1.0
2000	-1.8	10.2	9.5	79.0	3.0	10.0	9.0	79.0	4.0	10.1	9.3	79.0	3.5
2500	-1.8	11.7	15.2	82.0	5.0	12.0	17.1	82.5	5.0	11.9	16.1	82.3	5.0
3000	-1.8	19.7	17.3	84.2	5.0	21.0	17.8	84.5	5.0	20.4	17.6	84.4	5.0
3500	-1.8	31.9	24.0	85.7	4.0	30.6	22.0	84.8	4.0	31.3	23.0	85.3	4.0
4000	+2.5	39.1	31.5	92.0	4.0	38.3	28.2	88.2	4.0	38.7	29.9	90.1	4.0
4500	+4.1	41.7	36.5	90.0	4.0	43.0	37.0	89.5	4.0	42.4	36.7	89.8	4.0
5000	+6.7	46.6	46.0	91.5	4.0	48.1	49.5	90.5	4.0	47.4	47.7	91.0	4.0
5400	+9.9	50.7	53.4	94.0	4.0	52.0	48.1	94.0	4.0	51.4	50.8	94.0	4.0

0 to 30 mph Acceleration = N/ 9.46 N/ 9.15 S/ 8.91 S/ 8.46 --- Avg. 8.99sec.

Fuel Economy Data

RPM	MPH	MPG	RANGE*	%SLIP
600	4.3	1.50	419	14.3
1000	6.6	1.62	451	15.7
1500	8.7	1.41	392	17.7
2000	10.1	1.09	304	20.4
2500	11.9	0.73	205	21.7
3000	20.4	1.16	324	15.2
3500	31.3	1.36	379	11.5
4000	38.7	1.30	362	10.6
4500	42.4	1.15	322	10.9
5000	47.4	0.99	277	10.9
5400	51.4	1.01	282	10.8



*Range based on 90% of total fuel capacity

Note: Data may vary due to changes in weather, elevation, options and equipment, load and bottom conditions.

Fuel data gathered with Yamaha Fuel Management System. Speed data gathered with GPS.