



PURSUIT ENGINEERING

Boat Performance Test

Test Title: Preliminary - Light Load

Boat Model: C 230

Hull #: SSUC3101K607

Engine Model/HP: Yamaha 250 Four Stroke

Propeller: 15-1/4" x 19" SWS II

Gear Ratio: 2

Weight as Tested: Dry=4,580, Fuel=37.5, Water=0, People=330, Gear=50, **Total=4,997.5 lbs.**

Load: Fuel-6 gals. No Water, 2 People, T-Top, No Bottom Paint

Test Date: Dec. 13, 2006

Tested By: Eric Hess, Craig Feinauer

Test Location: Fort Pierce, FL

Air Temp: 77°

Water Temp: 69°

Wind MPH/Direction: 12 / ESE

Water Cond: Light Chop

Fuel Capacity: 106 Gallons

Operating range: 5000 - 6000 rpm

Mounting Height: #2

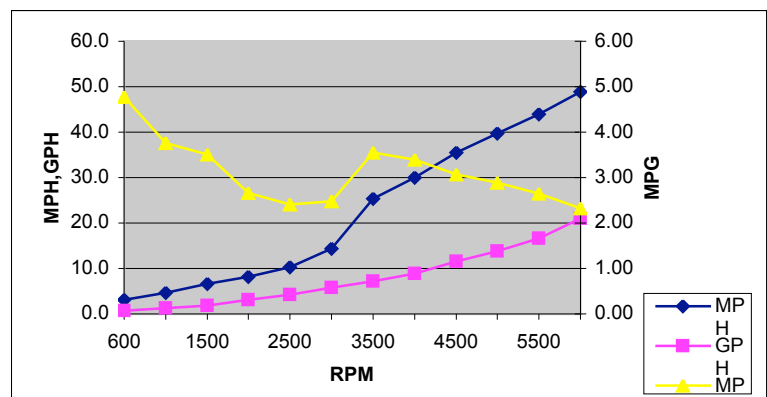
RPM	Trim	Direction: N				Direction: S				Averages			
		BARS	MPH	GPH	dB	RUN °	MPH	GPH	dB	RUN °	MPH	GPH	dB
600	1	3.4	0.7	58.0	0.0	2.8	0.6	58.0	0.0	3.1	0.7	58.0	0.0
1000	1	5.1	1.3	63.0	0.0	4.3	1.2	63.0	0.0	4.7	1.3	63.0	0.0
1500	1	7.1	1.9	65.0	1.0	6.2	1.9	66.0	1.0	6.7	1.9	65.5	1.0
2000	1	8.7	3.1	70.0	3.0	7.5	3.0	69.0	3.0	8.1	3.1	69.5	3.0
2500	1	10.7	4.3	75.0	4.5	9.8	4.2	75.0	4.5	10.3	4.3	75.0	4.5
3000	1	15.1	5.9	79.0	6.0	13.7	5.7	79.0	6.0	14.4	5.8	79.0	6.0
3500	1	26.3	7.3	78.0	4.5	24.5	7.0	78.0	4.5	25.4	7.2	78.0	4.5
4000	2	30.0	8.4	79.0	3.0	30.1	9.3	79.0	3.0	30.1	8.9	79.0	3.0
4500	2	36.4	11.4	80.0	3.0	34.7	11.8	80.0	3.0	35.6	11.6	80.0	3.0
5000	3	40.3	13.8	82.0	2.5	39.1	13.7	82.0	2.5	39.7	13.8	82.0	2.5
5500	4	43.8	16.1	85.0	2.5	44.0	17.0	87.0	2.5	43.9	16.6	86.0	2.5
6000	5	49.6	21.0	90.0	2.5	48.2	21.1	90.0	2.5	48.9	21.1	90.0	2.5

0 to 30 mph Acceleration = N/ 7.3 N/ 7.4 S/ 7.7 S/ 7.6 --- Avg. 7.5 sec.

Fuel Economy Data

RPM	MPH	MPG	RANGE*	%SLIP
600	3.1	4.77	455	17.4
1000	4.7	3.76	359	19.1
1500	6.7	3.50	334	20.3
2000	8.1	2.66	253	22.2
2500	10.3	2.41	230	21.9
3000	14.4	2.48	237	18.7
3500	25.4	3.55	339	12.4
4000	30.1	3.40	324	12.0
4500	35.6	3.06	292	11.4
5000	39.7	2.89	275	11.3
5500	43.9	2.65	253	11.3
6000	48.9	2.32	222	11.0

*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's Command Link fuel management system. Speed data gathered with GPS.