



PURSUIT ENGINEERING

Boat Performance Test

Test Title: SF 345 Sportfish With Twin Yamaha F350's
Boat Model: 345 Sportfish - Tournament Edition
Hull #: SSUT4138F708
Engine Model/HP: LF350TXR / F350TXR
Propeller: 15-1/2" x 21" SWS XL
Gear Ratio: 1.73
Weight as Tested: Dry=11,345 Fuel=1,875
 3 People=505, Gear=50, **Total=13,775 lbs.**
Load: Fuel - 300 Gallons, 3 - People,
 Hardtop, Generator, No Bottom Paint

Test Date: July 12, 2007
Tested By: Eric Hess, Craig Feinauer,
 Clif Coleman
Test Location: N. Indian River, Fort Pierce FL
Air Temp (°F): 87
Water Temp (°F): 87
Wind MPH/Direction: 5-10 / South
Water Cond: Lt. Chop
Fuel Capacity: 300 Gallons
Operating range: 5000 - 6000

RPM	TRIM°	Direction: N			Direction: S			Averages		
		MPH	GPH	RUN °	MPH	GPH	RUN °	MPH	GPH	RUN °
600	1	2.9	1.6	0.0	5.3	1.6	0.0	4.1	1.6	0.0
1000	1	5.2	3.0	0.5	7.7	2.9	0.0	6.5	3.0	0.3
1500	1	7.7	5.1	0.5	9.8	5.0	1.0	8.8	5.1	0.8
2000	1	9.0	9.2	3.0	11.0	9.2	3.0	10.0	9.2	3.0
2500	1	11.5	13.1	4.0	14.0	13.2	5.0	12.8	13.2	4.5
3000	1	16.8	18.2	5.0	18.9	18.2	5.0	17.9	18.2	5.0
3500	1	28.6	22.1	4.0	28.2	22.8	4.0	28.4	22.5	4.0
4000	1	35.8	27.6	3.0	36.9	27.4	3.0	36.4	27.5	3.0
4500	2	41.1	34.3	3.0	42.1	34.2	3.0	41.6	34.3	3.0
5000	3	48.3	40.9	2.0	47.5	47.8	2.0	47.9	44.4	2.0
5500	4	52.7	53.9	2.0	52.6	53.8	2.0	52.7	53.9	2.0
6000	5	58.3	68.0	2.0	56.9	67.6	2.0	57.6	67.8	2.0

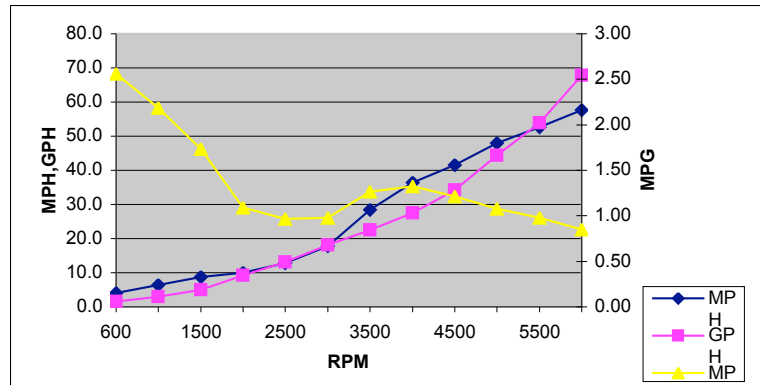
*Trim measured in bars taken from the Yamaha trim meter.

0 to 30 mph Acceleration = N/ 9.06 N/ 9.44 S/ 10.67 S/ 10.37 --- Avg. 9.89 sec.

Fuel Economy Data

RPM	MPH	MPG	RANGE
600	4.1	2.56	692
1000	6.5	2.19	590
1500	8.8	1.73	468
2000	10.0	1.09	293
2500	12.8	0.97	262
3000	17.9	0.98	265
3500	28.4	1.27	342
4000	36.4	1.32	357
4500	41.6	1.21	328
5000	47.9	1.08	292
5500	52.7	0.98	264
6000	57.6	0.85	229

*Range based on 90% of total fuel capacity



Note:

Data may vary due to changes in weather, elevation, options and equipment, load and boat bottom conditions. Fuel data gathered with Yamaha's Command Link fuel management system. Speed data gathered with GPS.