



# PURSUIT ENGINEERING

**Test Title:** C 180 Center Console with Single F115

**Boat Model:** C180 Center Console

**Hull #:** SSUL101H112

**Engine Model/HP:** Yamaha F115TXR

**Propeller:** 13x17 SS (17-K)

**Gear Ratio:** 2.15

**Weight as Tested:** Dry=2,643 Fuel=293 Pople=340  
Gear=50 **Total=3,326 lbs.**

**Load:** Fuel-47 Gallons People-2

Test Gear, No Bottom Paint

**Test Date:** Sept. 21, 2011

**Tested By:** Craig Feinauer & Steve Cheri

**Test Location:** ICW -Ft. Pierce, FL.

**Air Temp:** 80

**Water Temp:** 84

**Wind MPH/Direction:** 9 / SE

**Water Cond:** Lt. Chop

**Fuel Capacity:** 47 Gallons

**Operating range:** 5000 - 6000

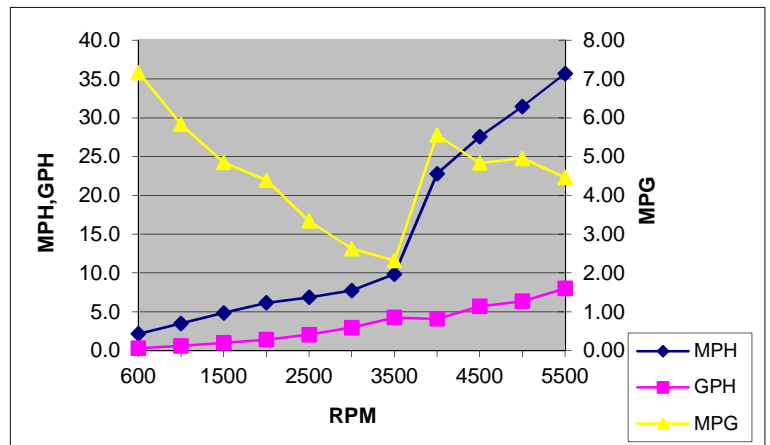
**Engine Mt. Hole:** 3rd

RPM	Trim	Direction: N				Direction: S				Averages			
		Bars	MPH	GPH	dB	RUN °	MPH	GPH	dB	RUN °	MPH	GPH	dB
600	1	1.4	0.3		0.0	2.9	0.3		0.0	2.2	0.3	0.0	0.0
1000	1	2.8	0.6		0.0	4.2	0.6		0.0	3.5	0.6	0.0	0.0
1500	1	4.1	1.0		1.0	5.6	1.0		1.0	4.9	1.0	0.0	1.0
2000	1	5.4	1.4		2.0	6.9	1.4		2.0	6.2	1.4	0.0	2.0
2500	1	6.1	2.0		3.0	7.6	2.1		3.0	6.9	2.1	0.0	3.0
3000	1	6.8	2.9		4.0	8.7	3.0		4.0	7.8	3.0	0.0	4.0
3500	1	9.5	4.3		8.0	10.2	4.2		8.0	9.9	4.3	0.0	8.0
4000	3	22.3	4.0		3.0	23.3	4.2		3.0	22.8	4.1	0.0	3.0
4500	4	27.3	5.6		2.0	27.8	5.8		2.0	27.6	5.7	0.0	2.0
5000	5	30.8	6.2		2.0	32.1	6.5		2.0	31.5	6.4	0.0	2.0
5500	6	35.3	7.9		1.0	36.1	8.1		1.0	35.7	8.0	0.0	1.0
6100	8	40.8	10.7		1.0	39.6	10.7		1.0	40.2	10.7	0.0	1.0

0 to 20 mph Acceleration = 7.02 - Avg. sec.

## *Fuel Economy Data*

RPM	MPH	MPG	RANGE*	%SLIP
600	2.2	7.17	303	20.9
1000	3.5	5.83	247	21.4
1500	4.9	4.85	205	23.2
2000	6.2	4.39	186	24.3
2500	6.9	3.34	141	27.3
3000	7.8	2.63	111	29.0
3500	9.9	2.32	98	26.6
4000	22.8	5.56	235	13.1
4500	27.6	4.83	204	12.2
5000	31.5	4.95	210	11.9
5500	35.7	4.46	189	11.5
6100	40.2	3.76	159	11.4



\*Range based on 90% of total fuel capacity

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

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