



International Boat Service Srl

Pursuit 3480 Damon Island Runner: Performance Test

Test Title: 3480 - Twin Yamaha 250 Four Strokes
Boat Model: 3480 Drummond Island Runner
Hull #: SSUL4101F506
Engine Model/HP: F250TXR / LF250TXR
Propeller: 15-1/4" X 19" Saltwater Series (I)
Gear Ratio: 2

Weight as Tested: Dry=10,395 Fuel=1,875 Water=251
 Gear=100 People=335 **Total=12,956 lbs.**

Load: Fuel- 300 gal. Water- 30 gal.
 People- 2, Generator, Air Conditioning
 Hardtop, No Bottom Paint

Test Date: August 16, 2005
Tested By: Eric Hess, Craig Feinauer

Test Location: S. Indian River - Fort Pierce, FL

Air Temp: 91°

Water Temp: 88.8°

Wind MPH/Direction: 10 -12 / ESE

Water Cond: Lt. Chop

Fuel Capacity: 300 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	3.0	1.3	58.0	0.0	5.1	1.2	56.0	0.0	4.1	1.3	57.0	0.0
1000	1	4.9	2.5	61.5	0.0	7.7	2.6	65.0	0.0	6.3	2.6	63.3	0.0
1500	1	6.9	3.8	66.0	2.0	9.6	3.9	67.0	0.0	8.3	3.9	66.5	1.0
2000	1	8.2	6.3	69.0	3.5	10.8	6.3	69.0	3.0	9.5	6.3	69.0	3.3
2500	1	9.9	9.2	70.0	5.0	11.4	9.2	72.0	5.0	10.7	9.2	71.0	5.0
3000	1	14.2	11.7	78.0	5.5	17.2	12.3	78.5	5.5	15.7	12.0	78.3	5.5
3500	1	18.7	15.1	80.5	6.5	20.8	16.0	81.5	6.5	19.8	15.6	81.0	6.5
4000	1	28.7	21.3	82.5	5.0	31.0	21.6	83.0	5.5	29.9	21.5	82.8	5.3
4500	2	34.7	25.3	85.0	5.5	37.3	25.7	85.0	5.0	36.0	25.5	85.0	5.3
5000	3	39.5	30.8	86.0	5.0	42.0	31.2	86.5	4.5	40.8	31.0	86.3	4.8
5500	3	44.0	38.3	88.0	4.5	46.1	38.3	88.0	4.5	45.1	38.3	88.0	4.5
5700	3	46.6	41.4	87.5	4.5	47.5	41.4	88.0	4.5	47.1	41.4	87.8	4.5

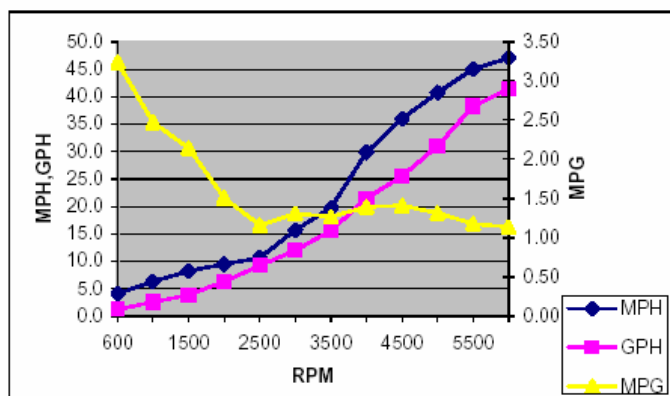
*Trim angle measured in bars taken from the Yamaha trim meter.

0 to 30 mph Acceleration = N/ 11.8 N/ 11.5 S/ 10.68 S/ 10.94 --- Avg. 11.23 sec.

Fuel Economy Data

RPM	MPH	MPG	RANGE
600	4.1	3.24	875
1000	6.3	2.47	667
1500	8.3	2.14	579
2000	9.5	1.51	407
2500	10.7	1.16	313
3000	15.7	1.31	353
3500	19.8	1.27	343
4000	29.9	1.39	376
4500	36.0	1.41	381
5000	40.8	1.31	355
5500	45.1	1.18	318
5700	47.1	1.14	307

*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.