



PURSUIT ENGINEERING

Boat Performance Test

Test Title: 2570 Offshore-Yamaha 150 Four Stroke-Rev. A **Test Date:** Mar. 11, 2005

Boat Model: 2570 Offshore

Tested By: Craig Feinauer

Hull #: SSUW5101A505

Engine Model/HP: F150TXRD

Test Location: N. Indian River - Fort Pierce

Propeller: 15 X 17 T-Series

Air Temp: 68°

Gear Ratio: 2

Water Temp: 63°

Weight as Tested: Dry=6,100 Fuel=812 Water=167
Gear=100 People=145 **Total=7,324**

Wind MPH/Direction: 10 / WSW

Water Cond: Lt. Chop

Load: Fuel-130 gal. Water-20 gal.

Fuel Capacity: 130 Gallons

One Man, Hardtop, No bottom paint

Operating range: 5000 - 6000

| RPM | TRIM° | Direction: N | | | | Direction: S | | | | Averages | | | |
|------|-------|--------------|------|------|-------|--------------|------|------|-------|----------|------|------|-------|
| | | MPH | GPH | dB | RUN ° | MPH | GPH | dB | RUN ° | MPH | GPH | dB | RUN ° |
| 600 | -4.2 | 4.3 | 0.9 | 57.0 | 0.0 | 3.2 | 0.9 | 57.0 | 0.0 | 3.8 | 0.9 | 57.0 | 0.0 |
| 1000 | -4.2 | 6.3 | 1.8 | 66.0 | 0.0 | 5.3 | 1.8 | 66.0 | 0.0 | 5.8 | 1.8 | 66.0 | 0.0 |
| 1500 | -4.2 | 7.8 | 2.4 | 67.0 | 1.0 | 6.9 | 2.1 | 68.0 | 1.0 | 7.4 | 2.3 | 67.5 | 1.0 |
| 2000 | -4.2 | 9.6 | 4.0 | 72.0 | 3.0 | 8.6 | 4.4 | 69.0 | 3.0 | 9.1 | 4.2 | 70.5 | 3.0 |
| 2500 | -4.2 | 12.6 | 6.5 | 75.0 | 5.0 | 12.1 | 6.0 | 74.0 | 5.0 | 12.4 | 6.3 | 74.5 | 5.0 |
| 3000 | -4.2 | 20.0 | 7.5 | 79.0 | 6.5 | 19.2 | 8.5 | 81.0 | 6.5 | 19.6 | 8.0 | 80.0 | 6.5 |
| 3500 | -4.2 | 26.0 | 10.4 | 82.0 | 5.0 | 24.5 | 10.5 | 83.0 | 5.5 | 25.3 | 10.5 | 82.5 | 5.3 |
| 4000 | -3.8 | 30.4 | 12.0 | 83.0 | 4.5 | 30.0 | 13.0 | 82.0 | 4.5 | 30.2 | 12.5 | 82.5 | 4.5 |
| 4500 | -2.7 | 35.1 | 16.0 | 84.0 | 4.0 | 35.4 | 16.5 | 84.0 | 3.5 | 35.3 | 16.3 | 84.0 | 3.8 |
| 5000 | -0.7 | 39.0 | 19.5 | 86.0 | 3.0 | 40.0 | 20.5 | 84.0 | 3.0 | 39.5 | 20.0 | 85.0 | 3.0 |
| 5500 | +1.0 | 44.3 | 26.5 | 88.0 | 3.0 | 43.5 | 26.0 | 88.0 | 3.0 | 43.9 | 26.3 | 88.0 | 3.0 |
| 5900 | +2.8 | 46.7 | 30.2 | 93.0 | 3.0 | 46.3 | 30.0 | 91.0 | 3.0 | 46.5 | 30.1 | 92.0 | 3.0 |

0 to 30 mph Acceleration = N/ 6.4 N/ 6.3 S/ 6.7 S/ 6.4 --- Avg. 6.5 sec.

| RPM | MPH | MPG | RANGE |
|------|------|------|-------|
| 600 | 3.8 | 4.19 | 490 |
| 1000 | 5.8 | 3.26 | 381 |
| 1500 | 7.4 | 3.27 | 382 |
| 2000 | 9.1 | 2.17 | 254 |
| 2500 | 12.4 | 1.98 | 231 |
| 3000 | 19.6 | 2.45 | 287 |
| 3500 | 25.3 | 2.42 | 283 |
| 4000 | 30.2 | 2.42 | 283 |
| 4500 | 35.3 | 2.17 | 254 |
| 5000 | 39.5 | 1.98 | 231 |
| 5500 | 43.9 | 1.67 | 196 |
| 5900 | 46.5 | 1.54 | 181 |

*Range based on 90% of total fuel capacity

Fuel Economy Data

