

Performance Bulletin

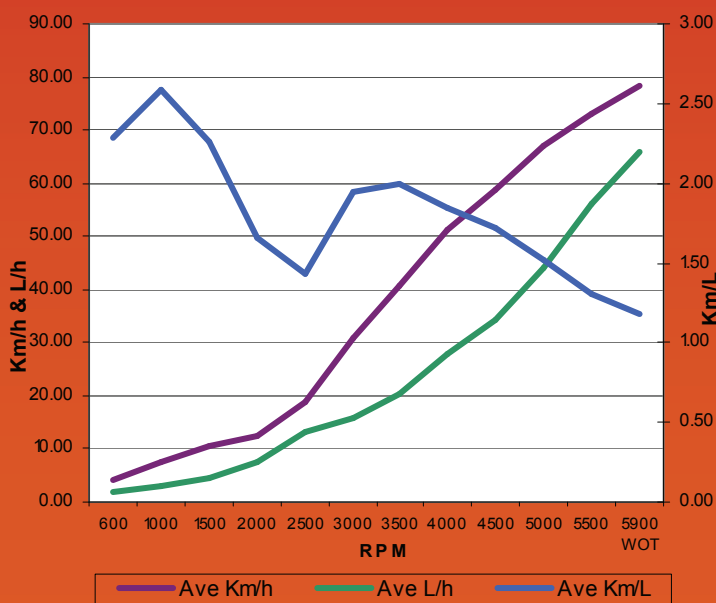
Test Date: 13th July 2010



F150AETX

Performance Data

| RPM | Ave Km/h | Ave L/h | Ave Km/L |
|-----------------|--------------|--------------|-------------|
| 600 | 4.00 | 1.75 | 2.29 |
| 1000 | 7.50 | 2.90 | 2.59 |
| 1500 | 10.40 | 4.60 | 2.26 |
| 2000 | 12.40 | 7.50 | 1.65 |
| 2500 | 18.95 | 13.25 | 1.43 |
| 3000 | 30.85 | 15.85 | 1.95 |
| 3500 | 40.65 | 20.40 | 1.99 |
| 4000 | 51.10 | 27.75 | 1.84 |
| 4500 | 58.65 | 34.10 | 1.72 |
| 5000 | 66.90 | 44.00 | 1.52 |
| 5500 | 72.95 | 56.10 | 1.30 |
| 5900 WOT | 78.15 | 65.95 | 1.18 |



Test Performed by certified Yamaha Technicians

Boat Manufactured by:

<http://www.blackwatch22.com/>

BLACKWATCH 22FT CENTRE COSOLE

| | |
|--------------------------------|---------|
| Length | 6.70m |
| Beam | 2.35m |
| Dry Weight | 650kg |
| Max Hp | 175hp |
| Fuel Capacity | 200L |
| Weight as Tested (approximate) | 1,367kg |

F150AETX

| | |
|-----------------|--|
| Horsepower | 110.3 kW (150ps) @ 5500rpm |
| Engine Type | 16-Valve DOHC Direct-Action In Line 4 Cylinder |
| Weight | 220kg |
| Gear Ratio | 2.00 (28/14) |
| Mounting Height | 2nd Hole |

PROPELLER

| | |
|-----------------|------------------------|
| Series | Black M (6G5) |
| Diameter/ Pitch | 13 $\frac{3}{4}$ x 19" |
| Part Number | 6G5-45974-03 |

TEST CONDITIONS

| | |
|-------------------|----------|
| Crew | 2 |
| Air Temperature | 18.0° C |
| Wind Speed | >5 Knots |
| Fuel | 200L |
| Water Temperature | 23.2° C |

TEST PERFORMANCE SUMMARY

| | |
|--|---------------------------|
| Max Ave Speed | 78.15 Km/h or 42.12 Knots |
| Best Cruising Km/L | 1.99 Km/L @ 3500rpm |
| Range, Based on 95% Fuel Capacity at Best Km/L | 379Km |

Data may vary due to changes in weather, tides, boat load, hull & propeller conditions, temperature, atmospheric pressure and wind direction. Fuel data gathered with a non-calibrated Yamaha fuel gauge. Speed data recorded with GPS receiver.

Yamaha Motor Australia accepts no responsibility for the accuracy of these readings. All test data is recorded with the engine fully trimmed in (-4), until 5500 RPM, where possible.