

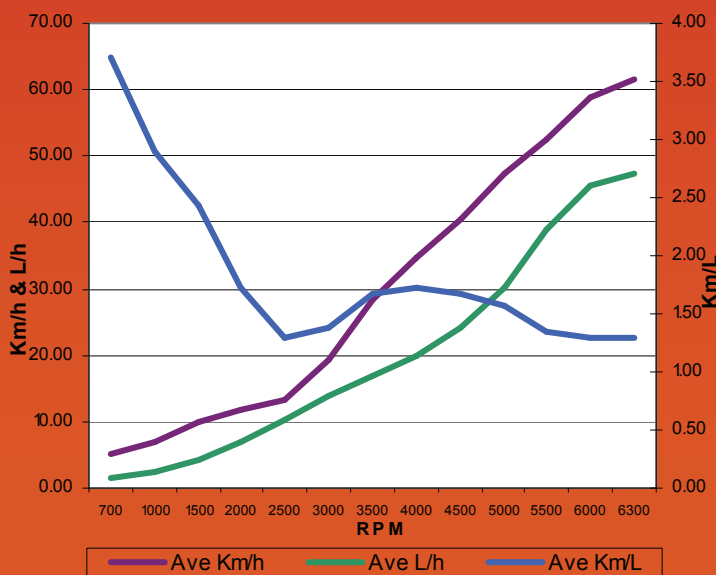
# Performance Bulletin

Test Date: 10th of May 2010



## Performance Data

| RPM         | Ave Km/h     | Ave L/h      | Ave Km/L    |
|-------------|--------------|--------------|-------------|
| 700         | 5.20         | 1.40         | 3.71        |
| 1000        | 6.95         | 2.40         | 2.90        |
| 1500        | 10.00        | 4.10         | 2.44        |
| 2000        | 11.70        | 6.80         | 1.72        |
| 2500        | 13.30        | 10.35        | 1.29        |
| 3000        | 19.20        | 14.00        | 1.37        |
| 3500        | 28.50        | 17.00        | 1.68        |
| <b>4000</b> | <b>34.60</b> | <b>20.00</b> | <b>1.73</b> |
| 4500        | 40.55        | 24.25        | 1.67        |
| 5000        | 47.35        | 30.05        | 1.58        |
| 5500        | 52.40        | 39.05        | 1.34        |
| 6000        | 58.90        | 45.55        | 1.29        |
| 6300        | 61.70        | 47.40        | 1.30        |



Test Performed by certified Yamaha Technicians

Boat Manufactured by:

Vindicator Boats - Cnr. Cross & Wickham Streets, Gympie QLD 4570  
07 5482 2135 - <http://www.watsonsmarine.com.au/>

## VINDICATOR 5.50M CUDDY CABIN

|                                |         |
|--------------------------------|---------|
| Length                         | 5.50m   |
| Beam                           | 2.45m   |
| Dry Weight                     | 1,046kg |
| Max Hp                         | 140hp   |
| Fuel Capacity                  | 180L    |
| Weight as Tested (approximate) | 1,586kg |

## F70AETL/10

|                    |                             |
|--------------------|-----------------------------|
| Horsepower         | 51.5 kW (70 ps) @ 5800 rpm  |
| Engine Type        | 16-Valve SOHC In Line 4 cyl |
| Weight (Inc. Prop) | 119kg                       |
| Gear Ratio         | 2.33 (28/12)                |
| Mounting Height    | 2nd Hole                    |

## PROPELLER

|                 |                            |
|-----------------|----------------------------|
| Series          | White K Series Alloy (6E5) |
| Diameter/ Pitch | 13½ x 15"                  |
| Part Number     | 6E5-45947-00               |

## TEST CONDITIONS

|                   |          |
|-------------------|----------|
| Crew              | 2        |
| Air Temperature   | 23.5° C  |
| Wind Speed        | >5 Knots |
| Fuel              | 180L     |
| Water Temperature | 25.6° C  |

## TEST PERFORMANCE SUMMARY

|  |                           |
|--|---------------------------|
| Max Ave Speed                                  | 61.70 Km/h or 33.26 Knots |
| Best Cruising Nm/L                             | 1.73 Km/L @ 4000rpm       |
| Range, Based on 95% Fuel Capacity at Best Nm/L | 296 Km                    |
| Acceleration Idle to WOT                       | Not Tested                |

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.