

Performance Bulletin

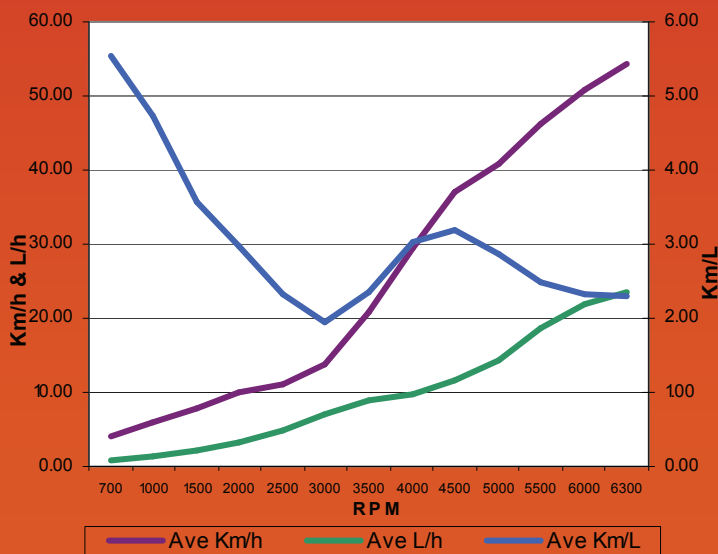
Test Date: 23rd of March 2010



F70AETL/10

Performance Data

RPM	Ave Km/h	Ave L/h	Ave Km/L
700	4.15	0.75	5.53
1000	5.90	1.25	4.72
1500	7.85	2.20	3.57
2000	10.00	3.35	2.99
2500	11.10	4.80	2.31
3000	13.80	7.05	1.96
3500	20.90	8.85	2.36
4000	29.55	9.75	3.03
4500	36.95	11.55	3.20
5000	40.80	14.20	2.87
5500	46.30	18.55	2.50
6000	50.80	21.90	2.32
6300	54.45	23.60	2.31



Test Performed by certified Yamaha Technicians

Boat Manufactured by:
Cruisecraft Boats—1308 Lytton Road, Hemmant QLD 4174
07 3390 4877 - <http://www.cruisecraft.com.au/>

CRUISECRAFT 4.85 EXPLORER

Length	4.85m
Beam	2.02m
Dry Weight	631kg
Max Hp	90hp
Fuel Capacity	60L
Weight as Tested (approximate)	1.012kg

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	3RD Hole

PROPELLER

Series	White K Series Alloy (6E5)
Diameter/ Pitch	13 $\frac{1}{2}$ x 14"
Part Number	6E5-45958-00-EL

TEST CONDITIONS

Crew	2
Air Temperature	29.2° C
Wind Speed	>10 Knots
Fuel	60L
Water Temperature	26.5° C

TEST PERFORMANCE SUMMARY

Max Ave Speed	54.45 Km/h or 29.35 Knots
Best Cruising Km/L	3.20 Km/L @ 4500rpm
Range, Based on 95% Fuel Capacity at Best Km/L	182 Km
Acceleration Idle to WOT	13.65 secs

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.