

Performance Bulletin

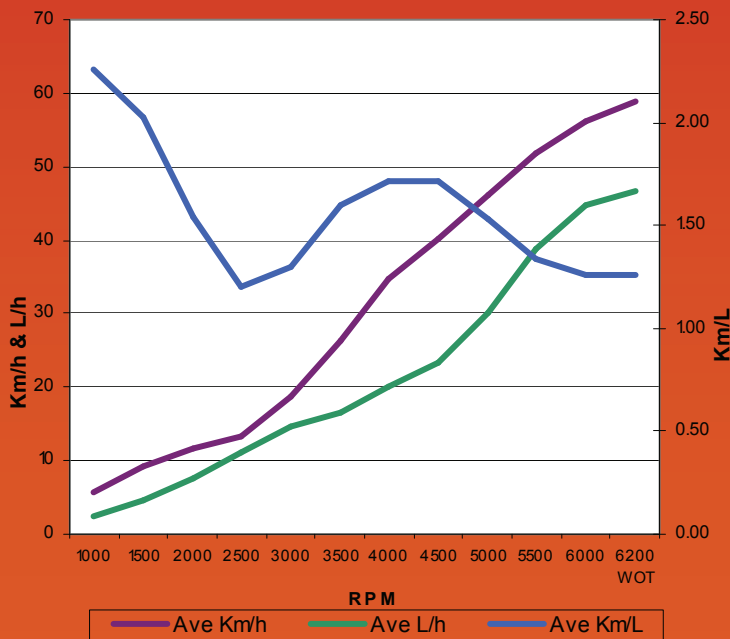
Test Date: 30th August 2011



F70AETL

Performance Data

RPM	Ave Km/h	Ave L/h	Ave Km/L
700	3.65	1.60	2.28
1000	5.75	2.55	2.25
1500	9.10	4.50	2.02
2000	11.75	7.65	1.54
2500	13.25	11.00	1.20
3000	18.85	14.55	1.30
3500	26.35	16.45	1.60
4000	34.65	20.20	1.72
4500	40.20	23.40	1.72
5000	46.25	30.25	1.53
5500	51.85	38.90	1.33
6000	56.20	44.75	1.26
6200 WOT	59.00	46.80	1.26



Test Performed by certified Yamaha Technicians

Boat Manufactured by:

http://www.seajayboats.com.au/plate_xtreme

SEAJAY 6.0M FREEDOM

Length (LOA)	6.26m
Beam	2.39M
Dry Weight	1,050KGS
Max Hp	150HP
Fuel Capacity	240L
Weight as Tested (approximate)	1,600KGS

F70AETL/11

Horsepower	51.5kW (70ps) @ 5800rpm
Engine Type	16-Valve 996cm ³ SOHC In-Line 4 Cyl
Weight	119kg
Gear Ratio	2.33 (28/12)
Mounting Height	2nd hole from top

PROPELLER

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

TEST CONDITIONS

Crew	2
Air Temperature	20.1°C
Wind Speed	>5 ~ 10 Knots
Fuel	100L
Water Temperature	Un-Unknown°C

TEST PERFORMANCE SUMMARY

Max Ave Speed	59.00Km/h or 31.80Knots
Best Cruising Km/L	1.72Km/L @ 4500rpm
Range, Based on 95% Fuel Capacity at Best Km/L	392 Kilometres
3% Prop Slip at 6200rpm	

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.