

# Performance Bulletin

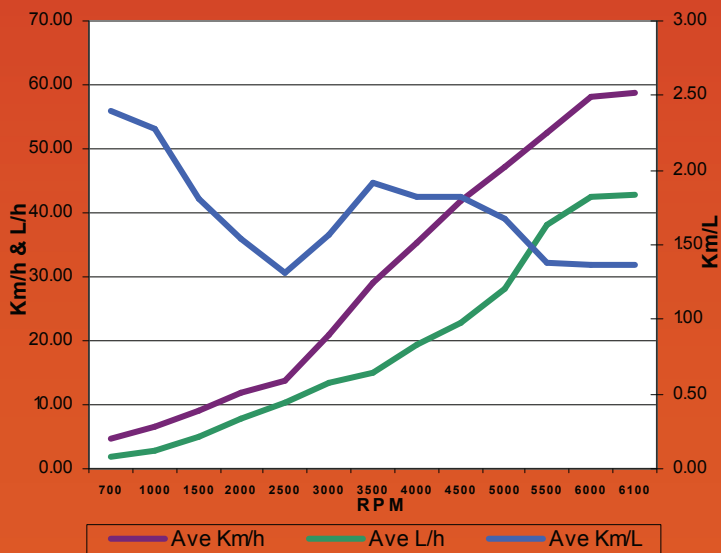
Test Date: 10th August 2009



**FT60DET X/09**

## Performance Data

RPM	Ave Km/h	Ave L/h	Ave Km/L
700	4.80	2.00	2.40
1000	6.60	2.90	2.28
1500	9.20	5.10	1.80
2000	12.00	7.80	1.54
2500	13.75	10.45	1.32
3000	20.85	13.30	1.57
<u>3500</u>	<u>29.10</u>	<u>15.15</u>	<u>1.92</u>
4000	35.30	19.45	1.81
4500	41.75	22.90	1.82
5000	47.30	28.15	1.68
5500	52.60	38.05	1.38
6000	58.05	42.40	1.37
6100	58.60	42.95	1.36



Test Performed by certified Yamaha Technicians

Boat Manufactured by:

Inflatables RIBs Marine - 2/1356 Lytton Road, Hemmant QLD 4174  
07 3390 7133 - <http://www.airib.com.au>

## AIRIB 620 ROVER

Length	6.20m
Beam	2.40m
Dry Weight	630kg
Max Hp	115hp
Fuel Capacity	100L
Weight as Tested (approximate)	1,169kg

## FT60DET X/09

Horsepower	44.1 kW (60ps) @ 5500rpm
Engine Type	SOHC (Single Overhead Camshaft) In Line 4
Weight (Inc. Prop)	116kg
Gear Ratio	2.33 (28/12)
Mounting Height	# 2

## PROPELLER

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

## TEST CONDITIONS

Crew	2
Air Temperature	21.1° C
Wind Speed	>5 Knots
Fuel	100L
Water Temperature	21.3° C

## TEST PERFORMANCE SUMMARY

Max Ave Speed	58.60 Km/h or 31.59 Knots
Best Cruising Km/L	1.92 Km/L @ 3500rpm
Range, Based on 95% Fuel Capacity at Best Km/L	182 Km
Acceleration 10 - 50 Km/h	6.83 Sec

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.