

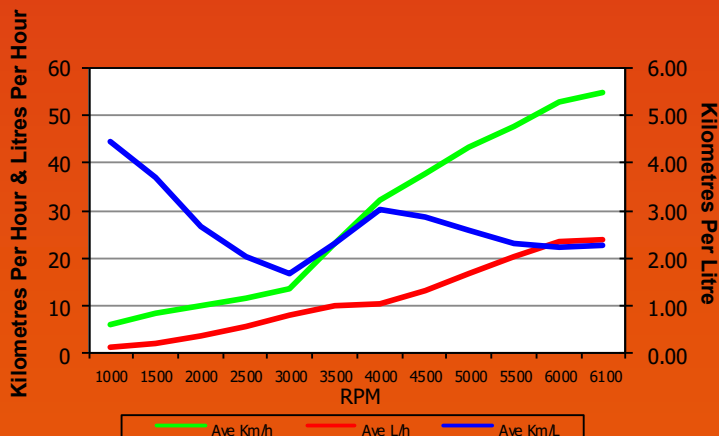
# Performance Bulletin

Test Date: 5th July 2017



## Performance Data

RPM	Ave Km/h	Ave L/h	Ave Km/L
1000	6.00	1.35	4.44
1500	8.35	2.25	3.71
2000	10.25	3.85	2.66
2500	11.50	5.60	2.05
3000	13.80	8.15	1.69
3500	23.10	9.95	2.32
<b>4000</b>	<b>32.30</b>	<b>10.65</b>	<b>3.03</b>
4500	37.95	13.30	2.85
5000	43.40	16.70	2.60
5500	47.65	20.55	2.32
6000	52.85	23.65	2.23
6100	54.70	23.95	2.28



Test Performed by certified Yamaha Technicians

Boat Manufactured by:

[whitleymarinegroup.com.au](http://whitleymarinegroup.com.au)

## WHITTLEY CW1650

Length (LOA)	5.4M
Beam	2.14M
Dry Weight	776KGS
Max Hp	90HP
Fuel Capacity	50L
Weight as Tested (approximate)	1152KGS

## F70LA

Displacement	1.0L
Engine Type	16-Valve SOHC, In-Line 4
Weight	119kg
Gear Ratio	2.33 (28/12)
Mounting Height	# 2 Hole

## PROPELLER

Series	GP Alloy w/SDS
Diameter/ Pitch	13 $\frac{1}{2}$ x 14"
Part Number	6FP-45941-00

## TEST CONDITIONS

Crew	2
Air Temperature	11.3°C
Wind Speed	<10 Knots
Fuel	40L
Conditions	Flat / non tidal river

## TEST PERFORMANCE SUMMARY

Max Ave Speed	54.70Km/h or 29.48Knots
Best Cruising Km/L	3.03Km/L @ 4000rpm
Range, Based on 95% Fuel Capacity at Best Km/L	144 Kilometres
0 - 40 Km/h	9.25 Seconds (57.11M)

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.