

Performance Bulletin

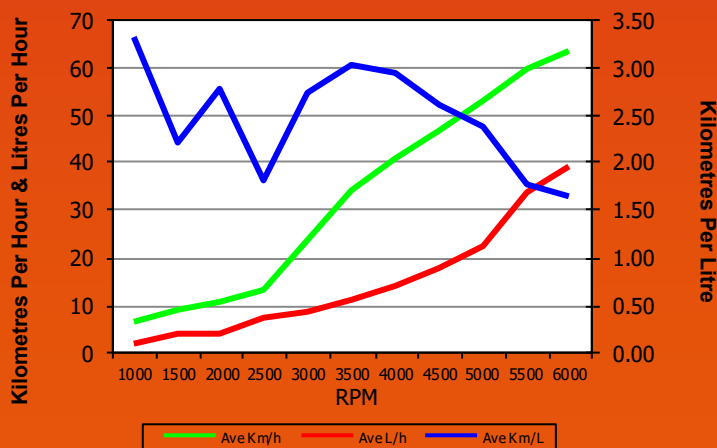
Test Date: 2nd November 2017



F90 LB

Performance Data

RPM	Ave Km/h	Ave L/h	Ave Km/L
1000	6.45	1.95	3.31
1500	8.90	4.05	2.20
2000	10.90	3.95	2.76
2500	13.10	7.25	1.81
3000	23.95	8.80	2.72
3500	33.95	11.25	3.02
4000	40.75	13.90	2.93
4500	46.60	17.95	2.60
5000	52.90	22.35	2.37
5500	59.45	33.65	1.77
6000	63.30	38.95	1.63



Test Performed by certified Yamaha Technicians

Boat Manufactured by:
horizonboats.com.au

HORIZON 485 SUNRUNNER

Length (LOA)	4.985M
Beam	2.02M
Dry Weight	450KGS
Max Hp	90HP
Fuel Capacity	80L
Weight as Tested (approximate)	889KGS

F90LB

Displacement	1.8L
Engine Type	16-Valve SOHC, In-Line 4
Weight	162kg
Gear Ratio	2.15 (28/13)
Mounting Height	# 2 Hole

PROPELLER

Series	GP Alloy w/SDS
Diameter/ Pitch	13 ¼ x 16"
Part Number	6FP-45945-00

TEST CONDITIONS

Crew	2
Air Temperature	24.6°C
Wind Speed	<10 Knots
Fuel	40L
Conditions	Calm in tidal waters

TEST PERFORMANCE SUMMARY

Max Ave Speed	63.30Km/h or 34.12Knots
Best Cruising Km/L	3.02Km/L @ 3500rpm
Range, Based on 95% Fuel Capacity at Best Km/L	229 Kilometres
0 - 40 Km/h	4.95 Seconds (31.03M)

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.