



# Performance Bulletin

Test Date: 5th March 2018



**F90 LB**

## Performance Data

RPM	Ave Km/h	Ave L/h	Ave Km/L
1000	6.45	2.00	3.23
1500	8.80	3.25	2.71
2000	10.50	6.10	1.72
2500	11.85	6.05	1.96
3000	27.05	8.40	3.22
<b>3500</b>	<b>36.60</b>	<b>10.65</b>	<b>3.44</b>
4000	43.45	13.35	3.25
4500	49.85	17.10	2.92
5000	55.70	21.95	2.54
5500	61.00	31.90	1.91
5900	65.80	37.50	1.75



Test Performed by certified Yamaha Technicians

Boat Manufactured by:

[www.seajayboats.com.au](http://www.seajayboats.com.au)

## SEA JAY 490 RANGER SPORTS

Length (LOA)	4.90M
Beam	2.35M
Dry Weight	540KGS
Max Hp	90HP
Fuel Capacity	100L
Weight as Tested (approximate)	997KGS

## F90LB

Displacement	1.8L
Engine Type	16-Valve SOHC, In-Line 4
Weight	166kg
Gear Ratio	2.15 (28/13)
Mounting Height	2nd Hole

## PROPELLER

Series	GP Alloy w/SDS
Diameter/ Pitch	13 1/4 x 16"
Part Number	6FP-45945-00

## TEST CONDITIONS

Crew	2
Air Temperature	28.5°C
Wind Speed	<7 Knots
Fuel	100L
Conditions	Light Chop

## TEST PERFORMANCE SUMMARY

Max Ave Speed	65.80 Km/h or 37.50 Knots
Best Cruising Km/L	3.44Km/L @ 3500rpm
Range, Based on 95% Fuel Capacity at Best Km/L	326 Kilometres
0 - 40 Km/h	5.33 Seconds (30.86M)

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.