

Performance Bulletin

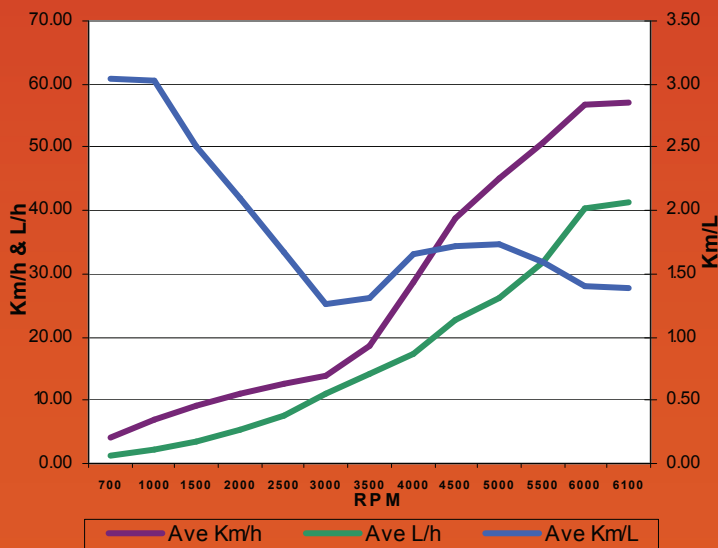
Test Date: 11th September 2009



F115AETX/09

Performance Data

RPM	Ave Km/h	Ave L/h	Ave Km/L
700	4.10	1.35	3.04
1000	6.80	2.25	3.02
1500	9.00	3.60	2.50
2000	11.10	5.30	2.09
2500	12.50	7.50	1.67
3000	13.75	10.95	1.26
3500	18.50	14.20	1.30
4000	28.60	17.35	1.65
4500	38.90	22.65	1.72
5000	45.15	26.05	1.73
5500	50.85	31.85	1.60
6000	56.70	40.40	1.40
6100	57.20	41.15	1.39



Test Performed by certified Yamaha Technicians

Boat Manufactured by:

Vindicator Boats - Cnr. Cross & Wickham Streets, Gympie QLD 4570
07 5482 2135 - <http://www.watsonsmarine.com.au>

VINDICATOR 5.50 CUDDY

Length	5.50m
Beam	2.45m
Dry Weight	880kg
Max Hp	140hp
Fuel Capacity	200L
Weight as Tested (approximate)	1,515kg

F115AETX/09

Horsepower	84.6 kW (115ps) @ 5500rpm
Engine Type	16-Valve DOHC Direct-Action In Line 4
Weight (Inc. Prop)	193kg
Gear Ratio	2.15 (28/13)
Mounting Height	# 2

PROPELLER

Series	Std SST K (688)
Diameter/ Pitch	13 x 17"
Part Number	688-45930-02-98

TEST CONDITIONS

Crew	2
Air Temperature	21.9° C
Wind Speed	>5 Knots
Fuel	200L
Water Temperature	22.1° C

TEST PERFORMANCE SUMMARY

Max Ave Speed	57.20 Km/h or 30.83 Knots
Best Cruising Km/L	1.73 Km/L @ 5000rpm
Range, Based on 95% Fuel Capacity at Best Km/L	329 Km
Acceleration 10 - 50 Km/h	9.83 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.