

# Performance Bulletin

Test Date: 26th June 2011



**F70AETX**

## 18FT SHARK CAT (560 SERIES)

Length (LOA)	5.60M
Beam	2.50M
Dry Weight	1,300KGS
Max Hp	140HP
Fuel Capacity	200L
Weight as Tested (approximate)	1,750KGS

## F70AETX/11

Horsepower	51.5kW (70ps) @ 5800rpm
Engine Type	16-Valve SOHC In-Line 4cyl
Weight	121kg
Gear Ratio	2.33 (28/12)
Mounting Height	3rd Hole (Pod Mounted)

## PROPELLER

Series	S-Steel K Series (Black)
Diameter/ Pitch	13½ x 14"
Part Number	688-45932-60

## TEST CONDITIONS

Crew	3
Air Temperature	20.5°C
Wind Speed	>10 Knots
Fuel	200L
Water Temperature	22°C

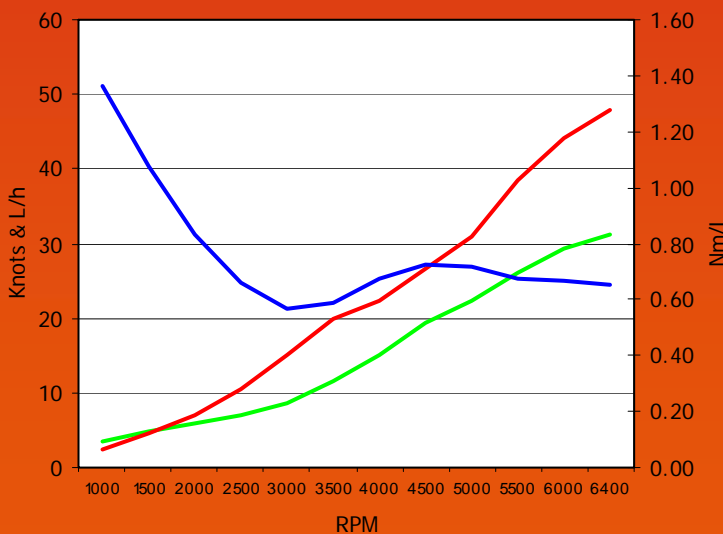
## TEST PERFORMANCE SUMMARY

Max Ave Speed	57.55Km/h or 31.02Knots
Best Cruising Nm/L	0.72Nm/L @ 4500rpm
Range, Based on 95% Fuel Capacity at Best Km/L	138 Nautical Miles
Approx 7.5hrs run time @ 4500rpm on 190L	

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.

## Performance Data

RPM	Ave Knots	Ave L/h	Ave Nm/L
700	2.20	1.60	1.38
1000	3.40	2.50	1.36
1500	4.80	4.45	1.08
2000	5.90	7.10	0.83
2500	7.00	10.60	0.66
3000	8.50	15.05	0.56
3500	11.70	19.80	0.59
4000	15.00	22.30	0.67
<b>4500</b>	<b>19.30</b>	<b>26.65</b>	<b>0.72</b>
5000	22.30	31.00	0.72
5500	26.10	38.60	0.68
6000	29.40	44.20	0.67
6400	31.10	47.80	0.65



— Ave Knots — Ave L/h — Ave Nm/L

Test Performed by certified Yamaha Technicians

Boat Manufactured by:

<http://www.noosacat.com.au/>