



## DF350A PERFORMANCE TEST on Haines Signature 788SF

### Test conditions

Date:	7/09/2017
Location:	Brisbane, QLD
Conditions:	Flat
Temperature:	29°C
Crew:	5

### Test boat: Haines Signature 788SF

Length:	7.88m
Beam:	2.5m
Dry weight:	2,700kg
Max horsepower:	700hp
Fuel capacity:	500L
Weight as tested:	2,700kg

### Outboard: Suzuki DF350ATX x 2

Horsepower:	350hp
Cylinder:	6
Weight:	330kg
Gear ratio:	2.29:1
Propeller:	15.5 x 28.5" 6 blade contra-rotation

### Conclusion

Optimal cruise speed:	59.3km/h
Cruise range (approx) based on 95% fuel capacity:	400km
Maximum speed:	105.09km/h
0-40km/h:	n/a

### Suzuki performance figures

RPM	Av KM/H	L/Hr	Av L/KM
600	8.29	7.7	0.93
1000	10.86	11.25	1.07
1500	13.84	17.25	1.28
2000	18.75	26.25	1.47
2500	28.81	40.7	1.51
3000	48.84	52.65	1.09
3500	59.3	70.15	1.18
4000	70.09	93.45	1.33
4500	78.7	122.45	1.56
5000	89.96	164.65	1.83
5500	98.09	189.05	1.93
6000	104.29	221.2	2.12
6250	105.09	221.55	2.11

### Suzuki fuel consumption comparison

