



DF60AV PERFORMANCE TEST on Carolina Skiff 23ft

Test conditions

Date:	18/02/2011
Location:	Gold Coast
Conditions:	Light chop, mild wind
Temperature:	n/a
Crew:	2

Test boat: Carolina Skiff 23ft

Length:	7.0m
Beam:	2.5m
Dry Weight:	1500kg
Max Horsepower:	200hp
Fuel Capacity:	320L
Weight as tested:	1750kg (est)

Outboard: Suzuki DF200

Horsepower:	200hp
Cylinder:	V6
Weight:	263kg
Gear Ratio:	2.29:1
Propeller:	Suzuki 16 X 21.5 3 blade SST

Conclusion

Optimal Cruise Speed:	44.9km/h
Cruise Range (Approx) Based on 95% Fuel Capacity:	475km
Maximum Speed:	79.2km/h
0-40km/h:	n/a

Suzuki performance figures

RPM	Av KM/H	L/Hr	Av L/KM
700	4.7	1.9	0.41
1000	7.4	3.4	0.46
1500	10.1	6.4	0.63
2000	12.6	10.6	0.84
2500	18.3	17.4	0.95
3000	33.3	22.7	0.68
3500	44.9	28.8	0.64
4000	53.6	36.7	0.69
4500	61.8	48.5	0.78
5000	69	61.3	0.89
5500	75.2	69.3	0.92
6000	76.9	70	0.91

Suzuki fuel consumption comparison

