

	A	B	C	D	E	F	G	H
1	1 BOAT TEST MASTER METRIC							
2	ANGUS SMITH MARINE							
3	BOAT OWNERS NAME:							
4	ADDRESS							
5	TEST DATE :		18/12/2018					
6	HULL 186 CAPE ISLAND PIONEER			ENGINE E-TEC	115			
7	WOT RPM RANGE		5500-6000	OPTIMUM RPM	5500-5750			
8	PROPELLER:		16 VIPER					
9	FOIL /NO		BRAND	NO				
10						LITRES		
11	PASSENGERS LOAD		2.00	BOAT FUEL CAPACITY		178.00		
12	FUEL LOAD		22LITRES					
13	CANOPY		NO					
14	ENGINE HIGHT SETTIN		<u>4TH</u>	HOLE	4.00	LITRES		KILOMETER
15	SPEED		SPEED IN	LITRES	KILOS	PR KILO	%	CRUISE
16	KNOTS	ENGINE R.P.M.	KILOMETERS	PER HOUR	PER LITRE		VARIATION	DISTANCE
17	1.854							
18	3.7	1000 RPM	6.90	1.40	4.93	0.20	-174.6	877
19	4.9	1500 RPM	9.10	2.60	3.50	0.29	-95.0	623
20	6.1	2000 RPM	11.40	5.10	2.24	0.45	-24.5	398
21	8.1	2500 RPM	15.00	11.70	1.28	0.78	28.6	228
22	10.7	3000 RPM	19.80	15.10	1.31	0.76	26.9	233
23	17.3	3500 RPM	32.00	19.80	1.62	0.62	10.0	288
24	22.2	4000 RPM	41.10	22.90	1.79	0.56	0.0	319
25	24.5	4500 RPM	45.50	27.20	1.67	0.60	6.8	298
26	28.5	5000 RPM	52.80	31.70	1.67	0.60	7.2	296
27	30.9	5400 RPM	57.20	35.20	1.63	0.62	9.5	289
28	34.9	6100 RPM WOT	64.70	42.20	1.53	0.65	14.6	273
29	PERFORMANCE		0>35 KILOS PH	SECONDS	4.50			
30	PERFORMANCE		0>50 KILOS PH	SECONDS			100	
31	PERFORMANCE		0>80 KILOS PH	SECONDS			OPTIMUM	
32	WAS FOIL NECESSARY		NO	STEER TORQUE	SLIGHT	COLUMN E	1.8	
33	TRANSDUCER SET UP		WET	INSTRUMENTS				
34	CAVITATION		TRACE					
35								
36								
37	COMMENTS:-		TRANSDUCER REQUIRES SPRAY COVER TO PREVENT WATER ENTRY INTO ENGINE.					
38			WE SUGGEST A 17" VIPER PROPELLER FOR THIS RIG.					
39			WHEN FULLY RIGGED WE WOULD EXPECT RPM TO BE APPROX 5800 RPM					
40			WHICH WILL GIVE EXCELLENT PERFORMANCE					