

	A	B	C	D	E	F	G	H		
1	1 BOAT TEST MASTER METRIC									
2	<b>ANGUS SMITH MARINE</b>									
3	BOAT OWNERS NAME:		DAN WATTS							
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		4TH		HOLE		4.00			
15	SPEED		SPEED IN		LITRES		KILOS			
16	KNOTS	ENGINE R.P.M.		KILOMETERS		PER HOUR		PER LITRE		
17	1.854									
18	3.7	1000 RPM		6.90		1.40		4.93		
19	4.9	1500 RPM		9.10		2.60		3.50		
20	6.1	2000 RPM		11.40		5.10		2.24		
21	8.1	2500 RPM		15.00		11.70		1.28		
22	10.7	3000 RPM		19.80		15.10		1.31		
23	17.3	3500 RPM		32.00		19.80		1.62		
24	22.2	4000 RPM		41.10		22.90		1.79		
25	24.5	4500 RPM		45.50		27.20		1.67		
26	28.5	5000 RPM		52.80		31.70		1.67		
27	30.9	5400 RPM		57.20		35.20		1.63		
28	34.9	6100 RPM WOT		64.70		42.20		1.53		
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	
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							