MPM2810.5 880Kv Thrust Test Results

75x37 3-blade						
PWM signal	Thrust [g]	Voltage [V]	Current [A]	RPM	Power [W]	Efficiency [g/W]
1250	90	24.13	0.80	5573	19.28	4.65
1300	139	24.13	1.21	6767	29.31	4.73
1350	194	24.12	1.77	7889	42.67	4.56
1400	263	24.12	2.44	8970	58.83	4.47
1450	342	24.11	3.26	10051	78.58	4.35
1500	429	24.10	4.27	11180	103.00	4.16
1550	526	24.09	5.40	12256	130.08	4.04
1600	630	24.08	6.71	13233	161.65	3.90
1650	755	24.06	8.29	14321	199.56	3.78
1700	883	24.04	9.95	15396	239.20	3.69
1750	1027	24.02	11.95	16495	287.06	3.58
1800	1202	24.00	14.38	17733	345.02	3.48
1850	1381	23.97	17.17	18922	411.71	3.36
1900	1543	23.94	20.53	20094	491.47	3.14
1950	1645	23.91	23.56	20960	563.37	2.92

80x37 3-blade						
PWM signal	Thrust [g]	Voltage [V]	Current [A]	RPM	Power [W]	Efficiency [g/W]
1250	126	24.13	0.96	5455	23.21	5.42
1300	188	24.12	1.49	6551	35.99	5.22
1350	260	24.12	2.20	7618	53.01	4.90
1400	340	24.11	3.07	8606	73.99	4.60
1450	427	24.10	4.04	9554	97.42	4.39
1500	528	24.09	5.26	10457	126.71	4.17
1550	661	24.07	6.90	11564	166.11	3.98
1600	800	24.05	8.84	12631	212.72	3.76
1650	939	24.00	10.94	13596	262.57	3.57
1700	1086	23.94	13.18	14579	315.49	3.44

1750	1255	23.91	15.69	15568	374.98	3.35
1800	1391	23.89	18.71	16634	447.16	3.11
1850	1592	23.92	22.40	17773	535.83	2.97
1900	1774	23.88	26.38	18742	629.86	2.82
1950	1951	23.84	30.52	19526	727.66	2.68

80x40 3-blade Glass Fiber Reinforced						
PWM signal	Thrust [g]	Voltage [V]	Current [A]	RPM	Power [W]	Efficiency [g/W]
1250	136	24.13	0.93	5479	22.49	6.06
1300	209	24.12	1.46	6602	35.13	5.96
1350	291	24.12	2.15	7653	51.81	5.62
1400	383	24.11	3.00	8620	72.41	5.28
1450	483	24.10	3.99	9555	96.17	5.02
1500	599	24.09	5.20	10546	125.33	4.78
1550	740	24.07	6.78	11596	163.29	4.53
1600	889	24.06	8.68	12637	208.82	4.26
1650	1042	24.01	10.77	13637	258.54	4.03
1700	1205	23.96	12.95	14617	310.22	3.89
1750	1384	23.92	15.38	15640	368.03	3.76
1800	1590	23.91	18.40	16673	440.07	3.61
1850	1821	23.92	22.02	17861	526.67	3.46
1900	2044	23.88	25.99	18819	620.81	3.29
1950	2237	23.85	30.05	19634	716.67	3.12

70x37 3-blade						
PWM signal	Thrust [g]	Voltage [V]	Current [A]	RPM	Power [W]	Efficiency [g/W]
1250	111	24.13	0.78	5571	18.84	5.91
1300	173	24.13	1.18	6760	28.42	6.08
1350	236	24.12	1.70	7885	41.05	5.75
1400	306	24.12	2.35	8923	56.59	5.41
1450	387	24.11	3.15	10077	75.83	5.11
1500	479	24.10	4.11	11180	99.09	4.84

1550	582	24.09	5.24	12269	126.16	4.61
1600	685	24.08	6.49	13292	156.31	4.38
1650	806	24.06	8.01	14354	192.79	4.18
1700	931	24.05	9.63	15379	231.53	4.02
1750	1082	24.03	11.60	16523	278.76	3.88
1800	1258	24.00	14.00	17793	335.99	3.75
1850	1438	23.98	16.73	19004	401.00	3.59
1900	1627	23.95	19.85	20226	475.42	3.42
1950	1793	23.92	22.99	21133	549.75	3.26

80x41 3-blade						
PWM signal	Thrust [g]	Voltage [V]	Current [A]	RPM	Power [W]	Efficiency [g/W]
1250	187	24.12	1.05	5294	25.44	7.34
1300	262	24.12	1.62	6288	39.16	6.68
1350	352	24.11	2.38	7262	57.41	6.13
1400	445	24.10	3.26	8148	78.63	5.66
1450	549	24.09	4.35	9018	104.85	5.23
1500	671	24.08	5.70	9958	137.20	4.89
1550	821	24.06	7.50	10970	180.40	4.55
1600	994	24.01	9.76	12040	234.34	4.24
1650	1167	23.91	12.11	13045	289.54	4.03
1700	1354	23.77	15.10	13955	359.01	3.77
1750	1556	23.71	18.03	14896	427.52	3.64
1800	1777	23.71	21.45	15831	508.78	3.49
1850	2020	23.80	25.78	16824	613.71	3.29
1900	2242	23.84	30.29	17826	722.04	3.10
1950	2428	23.80	34.75	18489	827.10	2.94

80x45 2-blade						
PWM signal	Thrust [g]	Voltage [V]	Current [A]	RPM	Power [W]	Efficiency [g/W]
1250	157	24.13	0.96	5435	23.13	6.80
1300	230	24.13	1.49	6522	35.89	6.42

1350	314	24.12	2.16	7563	52.15	6.02
1400	405	24.11	3.01	8520	72.61	5.58
1450	502	24.10	3.97	9469	95.75	5.24
1500	613	24.09	5.16	10399	124.43	4.92
1550	752	24.08	6.72	11454	161.90	4.64
1600	905	24.06	8.67	12501	208.57	4.34
1650	1063	24.00	10.88	13498	261.07	4.07
1700	1230	23.92	13.19	14478	315.47	3.90
1750	1412	23.88	15.68	15477	374.45	3.77
1800	1614	23.86	18.80	16515	448.69	3.60
1850	1855	23.91	22.58	17693	540.02	3.44
1900	2084	23.87	26.84	18681	640.68	3.25
1950	2291	23.84	31.13	19401	742.07	3.09