T-Motor F90 1300KV Thrust Test

ESC signal (µs)		T-Motor F90 1300KV Thrust Test											
	Thrust (af)	Voltage (V)	Current (A)	Motor Electrical Speed (RPM)	Flectrical Power (W)	Overall Efficiency (gf/W)	Propeller: Dalprop 6040						
							Tropoliori Balprop do lo						
10%	11	16.73	0.08	2198	1.3	8.1							
20%	34	16.72	0.34	4269	5.7	6.0							
30%	71	16.71	0.75	6249	12.6	5.7							
40%	123	16.70	1.33	8150	22.2	5.5							
50%	189	16.68	2.11	9984	35.2	5.4							
60%	274	16.65	3.23	11917	53.7	5.1							
70%	374	16.61	4.68	13656	77.7	4.8							
80%	488	16.55	6.59		109.1	4.5							
90%	624	16.49	9.00	17101	148.3	4.2							
100%	748	16.41	11.60	18794	190.4	3.9							
500 since (4.5)	Thomas (ast)	Walkana AA	O	Makes Electrical Operat (DDM)	Flactrical Dames (M)	O	Duran III and Dialaman CO40						
ESC signal (µs)	,	Voltage (V)	Current (A)	Motor Electrical Speed (RPM)			Propeller: Dalprop 6040						
10%	15	20.92	0.11	2751	2.2	6.8							
20%	51	20.91	0.45	5304	9.3	5.4							
30%	112	20.89	1.02	7768	21.4	5.3							
40%	194	20.86	1.85	10136	38.7	5.0							
50%	303	20.82	3.04	12463	63.2	4.8							
60%	429	20.76	4.64	14639	96.3	4.5							
70%	585	20.69	6.80		140.7	4.2							
80%	754	20.58	9.72	18888	200.1	3.8							
90%	939	20.46	13.08	20823	267.6	3.5							
100%	1117	20.30	17.10	22753	347.2	3.2							
100 %	1117	20.30	17.10	22133	341.2	3.2							
ESC signal (µs)	Thrust (gf)	Voltage (V)	Current (A)	Motor Electrical Speed (RPM)	Electrical Power (W)	Overall Efficiency (gf/W)	Propeller: Dalprop 6040						
10%	21	25.19	0.14	3309	3.5	6.1							
	75					5.2							
20%		25.16	0.58	6352	14.5								
30%	161	25.10	1.32	9256	33.1	4.9							
40%	288	25.00	2.51	12140	62.9	4.6							
50%	435	24.87	4.10	14682	102.0	4.3							
60%	608	24.69	6.24	17115	154.0	3.9							
70%	802	24.44	9.15	19408	223.7	3.6							
80%	1017	24.13	12.72	21654	307.0	3.3							
90%	1248	23.75	17.39	23975	413.1	3.0							
100%	1446	23.36	21.73	25728	507.6								
				23720	507.6	2.8							
				23720	307.0	2.8							
ESC signal (µs)	Thrust (af)						Propeller: Dalprop 7056						
ESC signal (µs)		Voltage (V)	Current (A)	Motor Electrical Speed (RPM)	Electrical Power (W)	Overall Efficiency (gf/W)	Propeller: Dalprop 7056						
ESC signal (μs)	Thrust (gf)						Propeller: Dalprop 7056						
		Voltage (V)	Current (A)	Motor Electrical Speed (RPM)	Electrical Power (W)	Overall Efficiency (gf/W)	Propeller: Dalprop 7056						
10%	14	Voltage (V) 16.77	Current (A) 0.10	Motor Electrical Speed (RPM) 2171	Electrical Power (W) 1.7	Overall Efficiency (gf/W) 8.6	Propeller: Dalprop 7056						
10% 20% 30%	14 66 149	Voltage (V) 16.77 16.76 16.74	O.10 0.51 1.31	Motor Electrical Speed (RPM) 2171 4146 5978	Electrical Power (W) 1.7 8.6 22.0	Overall Efficiency (gf/W) 8.6 7.7 6.8	Propeller: Dalprop 7056						
10% 20% 30% 40%	14 66 149 249	Voltage (V) 16.77 16.76 16.74 16.71	0.10 0.51 1.31 2.44	Motor Electrical Speed (RPM) 2171 4146 5978 7595	1.7 8.6 22.0 40.9	8.6 7.7 6.8 6.1	Propeller: Dalprop 7056						
10% 20% 30%	14 66 149 249 377	Voltage (V) 16.77 16.76 16.74 16.71 16.67	O.10 0.51 1.31	Motor Electrical Speed (RPM) 2171 4146 5978	Electrical Power (W) 1.7 8.6 22.0	Overall Efficiency (gf/W) 8.6 7.7 6.8 6.1 5.5	Propeller: Dalprop 7056						
10% 20% 30% 40%	14 66 149 249	Voltage (V) 16.77 16.76 16.74 16.71	0.10 0.51 1.31 2.44	Motor Electrical Speed (RPM) 2171 4146 5978 7595	1.7 8.6 22.0 40.9	8.6 7.7 6.8 6.1	Propeller: Dalprop 7056						
10% 20% 30% 40% 50%	14 66 149 249 377	Voltage (V) 16.77 16.76 16.74 16.71 16.67	0.10 0.51 1.31 2.44 4.11	Motor Electrical Speed (RPM) 2171 4146 5978 7595 9190	1.7 8.6 22.0 40.9 68.6	Overall Efficiency (gf/W) 8.6 7.7 6.8 6.1 5.5	Propeller: Dalprop 7056						
10% 20% 30% 40% 50% 60% 70%	14 66 149 249 377 542 730	Voltage (V) 16.77 16.76 16.74 16.71 16.67 16.60 16.52	Current (A) 0.10 0.51 1.31 2.44 4.11 6.67 9.92	Motor Electrical Speed (RPM) 2171 4146 5978 7595 9190 10794 12325	Electrical Power (W) 1.7 8.6 22.0 40.9 68.6 110.8 163.9	8.6 7.7 6.8 6.1 5.5 4.9 4.5							
10% 20% 30% 40% 50% 60% 70% 80%	14 66 149 249 377 542 730 922	Voltage (V) 16.77 16.76 16.74 16.71 16.67 16.60 16.52 16.41	Current (A) 0.10 0.51 1.31 2.44 4.11 6.67 9.92 13.93	Motor Electrical Speed (RPM) 2171 4146 5978 7595 9190 10794 12325 13760	Electrical Power (W) 1.7 8.6 22.0 40.9 68.6 110.8 163.9 228.6	8.6 7.7 6.8 6.1 5.5 4.9 4.5							
10% 20% 30% 40% 50% 60% 70%	14 66 149 249 377 542 730	Voltage (V) 16.77 16.76 16.74 16.71 16.67 16.60 16.52	Current (A) 0.10 0.51 1.31 2.44 4.11 6.67 9.92	Motor Electrical Speed (RPM) 2171 4146 5978 7595 9190 10794 12325	Electrical Power (W) 1.7 8.6 22.0 40.9 68.6 110.8 163.9	8.6 7.7 6.8 6.1 5.5 4.9 4.5							
10% 20% 30% 40% 50% 60% 70% 80%	14 66 149 249 377 542 730 922	Voltage (V) 16.77 16.76 16.74 16.71 16.67 16.60 16.52 16.41	Current (A) 0.10 0.51 1.31 2.44 4.11 6.67 9.92 13.93	Motor Electrical Speed (RPM) 2171 4146 5978 7595 9190 10794 12325 13760	Electrical Power (W) 1.7 8.6 22.0 40.9 68.6 110.8 163.9 228.6	8.6 7.7 6.8 6.1 5.5 4.9 4.5							
10% 20% 30% 40% 50% 60% 70% 80%	14 66 149 249 377 542 730 922 1118	Voltage (V) 16.77 16.76 16.74 16.71 16.67 16.60 16.52 16.41 16.28	Current (A) 0.10 0.51 1.31 2.44 4.11 6.67 9.92 13.93 18.58	Motor Electrical Speed (RPM) 2171 4146 5978 7595 9190 10794 12325 13760 15111	Electrical Power (W) 1.7 8.6 22.0 40.9 68.6 110.8 163.9 228.6 302.3	8.6 7.7 6.8 6.1 5.5 4.9 4.5 4.0 3.7							
10% 20% 30% 40% 50% 60% 70% 80% 90%	14 66 149 249 377 542 730 922 1118 1302	Voltage (V) 16.77 16.76 16.74 16.71 16.67 16.60 16.52 16.41 16.28 16.13	Current (A) 0.10 0.51 1.31 2.44 4.11 6.67 9.92 13.93 18.58 23.73	Motor Electrical Speed (RPM) 2171 4146 5978 7595 9190 10794 12325 13760 15111 16281	Electrical Power (W) 1.7 8.6 22.0 40.9 68.6 110.8 163.9 228.6 302.3 382.7	Overall Efficiency (gf/W) 8.6 7.7 6.8 6.1 5.5 4.9 4.5 4.0 3.7 3.4							
10% 20% 30% 40% 50% 60% 70% 80% 100%	14 66 149 249 377 542 730 922 1118 1302	Voltage (V) 16.77 16.76 16.74 16.71 16.67 16.60 16.52 16.41 16.28 16.13 Voltage (V)	Current (A) 0.10 0.51 1.31 2.44 4.11 6.67 9.92 13.93 18.58 23.73 Current (A)	Motor Electrical Speed (RPM) 2171 4146 5978 7595 9190 10794 12325 13760 15111 16281	Electrical Power (W) 1.7 8.6 22.0 40.9 68.6 110.8 163.9 228.6 302.3 382.7 Electrical Power (W)	Overall Efficiency (gf/W) 8.6 7.7 6.8 6.1 5.5 4.9 4.5 4.0 3.7 3.4 Overall Efficiency (gf/W)							
10% 20% 30% 40% 50% 60% 70% 80% 90%	14 66 149 249 377 542 730 922 1118 1302	Voltage (V) 16.77 16.76 16.74 16.71 16.67 16.60 16.52 16.41 16.28 16.13	Current (A) 0.10 0.51 1.31 2.44 4.11 6.67 9.92 13.93 18.58 23.73	Motor Electrical Speed (RPM) 2171 4146 5978 7595 9190 10794 12325 13760 15111 16281	Electrical Power (W) 1.7 8.6 22.0 40.9 68.6 110.8 163.9 228.6 302.3 382.7	Overall Efficiency (gf/W) 8.6 7.7 6.8 6.1 5.5 4.9 4.5 4.0 3.7 3.4							
10% 20% 30% 40% 50% 60% 70% 80% 100%	14 66 149 249 377 542 730 922 1118 1302	Voltage (V) 16.77 16.76 16.74 16.71 16.67 16.60 16.52 16.41 16.28 16.13 Voltage (V)	Current (A) 0.10 0.51 1.31 2.44 4.11 6.67 9.92 13.93 18.58 23.73 Current (A)	Motor Electrical Speed (RPM) 2171 4146 5978 7595 9190 10794 12325 13760 15111 16281	Electrical Power (W) 1.7 8.6 22.0 40.9 68.6 110.8 163.9 228.6 302.3 382.7 Electrical Power (W)	Overall Efficiency (gf/W) 8.6 7.7 6.8 6.1 5.5 4.9 4.5 4.0 3.7 3.4 Overall Efficiency (gf/W)	Propeller: Dalprop 7056						
10% 20% 30% 40% 50% 60% 70% 80% 100% ESC signal (μs) 10% 20%	14 66 149 249 377 542 730 922 1118 1302 Thrust (gf)	Voltage (V) 16.77 16.76 16.74 16.71 16.67 16.60 16.52 16.41 16.28 16.13 Voltage (V) 20.97 20.95	Current (A) 0.10 0.51 1.31 2.44 4.11 6.67 9.92 13.93 18.58 23.73 Current (A) 0.15 0.73	Motor Electrical Speed (RPM) 2171 4146 5978 7595 9190 10794 12325 13760 15111 16281 Motor Electrical Speed (RPM) 2708 5117	Electrical Power (W) 1.7 8.6 22.0 40.9 68.6 110.8 163.9 228.6 302.3 382.7 Electrical Power (W) 3.0 15.4	Overall Efficiency (gf/W) 8.6 7.7 6.8 6.1 5.5 4.9 4.5 4.0 3.7 3.4 Overall Efficiency (gf/W) 8.2 7.0	Propeller: Dalprop 7056						
10% 20% 30% 40% 50% 60% 70% 80% 100% ESC signal (µs) 10% 20% 30%	14 66 149 249 377 542 730 922 1118 1302 Thrust (gf) 25 108 231	Voltage (V) 16.77 16.76 16.74 16.71 16.67 16.60 16.52 16.41 16.28 16.13 Voltage (V) 20.97 20.95 20.92	Current (A) 0.10 0.51 1.31 2.44 4.11 6.67 9.92 13.93 18.58 23.73 Current (A) 0.15 0.73 1.82	Motor Electrical Speed (RPM) 2171 4146 5978 7595 9190 10794 12325 13760 15111 16281 Motor Electrical Speed (RPM) 2708 5117 7323	Electrical Power (W) 1.7 8.6 22.0 40.9 68.6 110.8 163.9 228.6 302.3 382.7 Electrical Power (W) 3.0 15.4 38.0	Overall Efficiency (gf/W) 8.6 7.7 6.8 6.1 5.5 4.9 4.5 4.0 3.7 3.4 Overall Efficiency (gf/W) 8.2 7.0 6.1	Propeller: Dalprop 7056						
10% 20% 30% 40% 50% 60% 70% 80% 100% ESC signal (μs) 10% 20%	14 66 149 249 377 542 730 922 1118 1302 Thrust (gf)	Voltage (V) 16.77 16.76 16.74 16.71 16.67 16.60 16.52 16.41 16.28 16.13 Voltage (V) 20.97 20.95	Current (A) 0.10 0.51 1.31 2.44 4.11 6.67 9.92 13.93 18.58 23.73 Current (A) 0.15 0.73	Motor Electrical Speed (RPM) 2171 4146 5978 7595 9190 10794 12325 13760 15111 16281 Motor Electrical Speed (RPM) 2708 5117 7323	Electrical Power (W) 1.7 8.6 22.0 40.9 68.6 110.8 163.9 228.6 302.3 382.7 Electrical Power (W) 3.0 15.4	Overall Efficiency (gf/W) 8.6 7.7 6.8 6.1 5.5 4.9 4.5 4.0 3.7 3.4 Overall Efficiency (gf/W) 8.2 7.0	Propeller: Dalprop 7056						
10% 20% 30% 40% 50% 60% 70% 80% 100% ESC signal (µs) 10% 20% 30%	14 66 149 249 377 542 730 922 1118 1302 Thrust (gf) 25 108 231	Voltage (V) 16.77 16.76 16.74 16.71 16.67 16.60 16.52 16.41 16.28 16.13 Voltage (V) 20.97 20.95 20.92	Current (A) 0.10 0.51 1.31 2.44 4.11 6.67 9.92 13.93 18.58 23.73 Current (A) 0.15 0.73 1.82	Motor Electrical Speed (RPM) 2171 4146 5978 7595 9190 10794 12325 13760 15111 16281 Motor Electrical Speed (RPM) 2708 5117 7323	Electrical Power (W) 1.7 8.6 22.0 40.9 68.6 110.8 163.9 228.6 302.3 382.7 Electrical Power (W) 3.0 15.4 38.0	Overall Efficiency (gf/W) 8.6 7.7 6.8 6.1 5.5 4.9 4.5 4.0 3.7 3.4 Overall Efficiency (gf/W) 8.2 7.0 6.1	Propeller: Dalprop 7056						
10% 20% 30% 40% 50% 60% 70% 80% 100% ESC signal (µs) 10% 20% 30% 40%	14 66 149 249 377 542 730 922 1118 1302 Thrust (gf) 25 108 231 391 606	Voltage (V) 16.77 16.76 16.74 16.71 16.67 16.60 16.52 16.41 16.28 16.13 Voltage (V) 20.97 20.95 20.92 20.86	Current (A) 0.10 0.51 1.31 2.44 4.11 6.67 9.92 13.93 18.58 23.73 Current (A) 0.15 0.73 1.82 3.50 6.34	Motor Electrical Speed (RPM) 2171 4146 5978 7595 9190 10794 12325 13760 15111 16281 Motor Electrical Speed (RPM) 2708 5117 7323 9294	Electrical Power (W) 1.7 8.6 22.0 40.9 68.6 110.8 163.9 228.6 302.3 382.7 Electrical Power (W) 3.0 15.4 38.0 73.1	Overall Efficiency (gf/W) 8.6 7.7 6.8 6.1 5.5 4.9 4.5 4.0 3.7 3.4 Overall Efficiency (gf/W) 8.2 7.0 6.1 5.4	Propeller: Dalprop 7056						
10% 20% 30% 40% 50% 60% 70% 80% 100% ESC signal (µs) 10% 20% 30% 40% 50% 60%	14 66 149 249 377 542 730 922 1118 1302 Thrust (gf) 25 108 231 391 606 821	Voltage (V) 16.77 16.76 16.74 16.71 16.67 16.60 16.52 16.41 16.28 16.13 Voltage (V) 20.97 20.95 20.92 20.86 20.77 20.66	Current (A) 0.10 0.51 1.31 2.44 4.11 6.67 9.92 13.93 18.58 23.73 Current (A) 0.15 0.73 1.82 3.50 6.34 9.65	Motor Electrical Speed (RPM) 2171 4146 5978 7595 9190 10794 12325 13760 15111 16281 Motor Electrical Speed (RPM) 2708 5117 7323 9294 11354 13031	Electrical Power (W) 1.7 8.6 22.0 40.9 68.6 110.8 163.9 228.6 302.3 382.7 Electrical Power (W) 3.0 15.4 38.0 73.1 131.7 199.5	Overall Efficiency (gf/W) 8.6 7.7 6.8 6.1 5.5 4.9 4.5 4.0 3.7 3.4 Overall Efficiency (gf/W) 8.2 7.0 6.1 5.4 4.6 4.1	Propeller: Dalprop 7056						
10% 20% 30% 40% 50% 60% 70% 80% 100% ESC signal (µs) 10% 20% 30% 40% 50% 60% 70%	14 66 149 249 377 542 730 922 1118 1302 Thrust (gf) 25 108 231 391 606 821 1059	Voltage (V) 16.77 16.76 16.74 16.71 16.67 16.60 16.52 16.41 16.28 16.13 Voltage (V) 20.97 20.95 20.92 20.86 20.77 20.66 20.50	Current (A) 0.10 0.51 1.31 2.44 4.11 6.67 9.92 13.93 18.58 23.73 Current (A) 0.15 0.73 1.82 3.50 6.34 9.65 14.05	Motor Electrical Speed (RPM) 2171 4146 5978 7595 9190 10794 12325 13760 15111 16281 Motor Electrical Speed (RPM) 2708 5117 7323 9294 11354 13031 14641	Electrical Power (W) 1.7 8.6 22.0 40.9 68.6 110.8 163.9 228.6 302.3 382.7 Electrical Power (W) 3.0 15.4 38.0 73.1 131.7 199.5 288.0	Overall Efficiency (gf/W) 8.6 7.7 6.8 6.1 5.5 4.9 4.5 4.0 3.7 3.4 Overall Efficiency (gf/W) 8.2 7.0 6.1 5.4 4.6 4.1 3.7	Propeller: Dalprop 7056						
10% 20% 30% 40% 50% 60% 70% 80% 100% ESC signal (µs) 10% 20% 30% 40% 50% 60%	14 66 149 249 377 542 730 922 1118 1302 Thrust (gf) 25 108 231 391 606 821	Voltage (V) 16.77 16.76 16.74 16.71 16.67 16.60 16.52 16.41 16.28 16.13 Voltage (V) 20.97 20.95 20.92 20.86 20.77 20.66	Current (A) 0.10 0.51 1.31 2.44 4.11 6.67 9.92 13.93 18.58 23.73 Current (A) 0.15 0.73 1.82 3.50 6.34 9.65	Motor Electrical Speed (RPM) 2171 4146 5978 7595 9190 10794 12325 13760 15111 16281 Motor Electrical Speed (RPM) 2708 5117 7323 9294 11354 13031	Electrical Power (W) 1.7 8.6 22.0 40.9 68.6 110.8 163.9 228.6 302.3 382.7 Electrical Power (W) 3.0 15.4 38.0 73.1 131.7 199.5	Overall Efficiency (gf/W) 8.6 7.7 6.8 6.1 5.5 4.9 4.5 4.0 3.7 3.4 Overall Efficiency (gf/W) 8.2 7.0 6.1 5.4 4.6 4.1	Propeller: Dalprop 7056						
10% 20% 30% 40% 50% 60% 70% 80% 100% ESC signal (µs) 10% 20% 30% 40% 50% 60% 70%	14 66 149 249 377 542 730 922 1118 1302 Thrust (gf) 25 108 231 391 606 821 1059	Voltage (V) 16.77 16.76 16.74 16.71 16.67 16.60 16.52 16.41 16.28 16.13 Voltage (V) 20.97 20.95 20.92 20.86 20.77 20.66 20.50	Current (A) 0.10 0.51 1.31 2.44 4.11 6.67 9.92 13.93 18.58 23.73 Current (A) 0.15 0.73 1.82 3.50 6.34 9.65 14.05	Motor Electrical Speed (RPM) 2171 4146 5978 7595 9190 10794 12325 13760 15111 16281 Motor Electrical Speed (RPM) 2708 5117 7323 9294 11354 13031 14641	Electrical Power (W) 1.7 8.6 22.0 40.9 68.6 110.8 163.9 228.6 302.3 382.7 Electrical Power (W) 3.0 15.4 38.0 73.1 131.7 199.5 288.0	Overall Efficiency (gf/W) 8.6 7.7 6.8 6.1 5.5 4.9 4.5 4.0 3.7 3.4 Overall Efficiency (gf/W) 8.2 7.0 6.1 5.4 4.6 4.1 3.7	Propeller: Dalprop 7056						
10% 20% 30% 40% 50% 60% 70% 80% 100% ESC signal (µs) 10% 20% 30% 40% 50% 60% 70% 80% 90%	14 66 149 249 377 542 730 922 1118 1302 Thrust (gf) 25 108 231 391 606 821 1059 1306 1549	Voltage (V) 16.77 16.76 16.74 16.71 16.67 16.60 16.52 16.41 16.28 16.13 Voltage (V) 20.97 20.95 20.92 20.86 20.77 20.66 20.50 20.31 20.09	Current (A) 0.10 0.51 1.31 2.44 4.11 6.67 9.92 13.93 18.58 23.73 Current (A) 0.15 0.73 1.82 3.50 6.34 9.65 14.05 19.31 25.49	Motor Electrical Speed (RPM) 2171 4146 5978 7595 9190 10794 12325 13760 15111 16281 Motor Electrical Speed (RPM) 2708 5117 7323 9294 11354 13031 14641 16251 17651	Electrical Power (W) 1.7 8.6 22.0 40.9 68.6 110.8 163.9 228.6 302.3 382.7 Electrical Power (W) 3.0 15.4 38.0 73.1 131.7 199.5 288.0 392.2 512.0	Overall Efficiency (gf/W) 8.6 7.7 6.8 6.1 5.5 4.9 4.5 4.0 3.7 3.4 Overall Efficiency (gf/W) 8.2 7.0 6.1 5.4 4.6 4.1 3.7 3.3 3.0	Propeller: Dalprop 7056						
10% 20% 30% 40% 50% 60% 70% 80% 100% ESC signal (µs) 10% 20% 30% 40% 50% 60% 70% 80%	14 66 149 249 377 542 730 922 1118 1302 Thrust (gf) 25 108 231 391 606 821 1059 1306	Voltage (V) 16.77 16.76 16.74 16.71 16.67 16.60 16.52 16.41 16.28 16.13 Voltage (V) 20.97 20.95 20.92 20.86 20.77 20.66 20.50 20.31	Current (A) 0.10 0.51 1.31 2.44 4.11 6.67 9.92 13.93 18.58 23.73 Current (A) 0.15 0.73 1.82 3.50 6.34 9.65 14.05 19.31	Motor Electrical Speed (RPM) 2171 4146 5978 7595 9190 10794 12325 13760 15111 16281 Motor Electrical Speed (RPM) 2708 5117 7323 9294 11354 13031 14641 16251	Electrical Power (W) 1.7 8.6 22.0 40.9 68.6 110.8 163.9 228.6 302.3 382.7 Electrical Power (W) 3.0 15.4 38.0 73.1 131.7 199.5 288.0 392.2	Overall Efficiency (gf/W) 8.6 7.7 6.8 6.1 5.5 4.9 4.5 4.0 3.7 3.4 Overall Efficiency (gf/W) 8.2 7.0 6.1 5.4 4.6 4.1 3.7 3.3	Propeller: Dalprop 7056						
10% 20% 30% 40% 50% 60% 70% 80% 100% ESC signal (µs) 10% 20% 30% 40% 50% 60% 70% 80% 90%	14 66 149 249 377 542 730 922 1118 1302 Thrust (gf) 25 108 231 391 606 821 1059 1306 1549	Voltage (V) 16.77 16.76 16.74 16.71 16.67 16.60 16.52 16.41 16.28 16.13 Voltage (V) 20.97 20.95 20.92 20.86 20.77 20.66 20.50 20.31 20.09	Current (A) 0.10 0.51 1.31 2.44 4.11 6.67 9.92 13.93 18.58 23.73 Current (A) 0.15 0.73 1.82 3.50 6.34 9.65 14.05 19.31 25.49	Motor Electrical Speed (RPM) 2171 4146 5978 7595 9190 10794 12325 13760 15111 16281 Motor Electrical Speed (RPM) 2708 5117 7323 9294 11354 13031 14641 16251 17651	Electrical Power (W) 1.7 8.6 22.0 40.9 68.6 110.8 163.9 228.6 302.3 382.7 Electrical Power (W) 3.0 15.4 38.0 73.1 131.7 199.5 288.0 392.2 512.0	Overall Efficiency (gf/W) 8.6 7.7 6.8 6.1 5.5 4.9 4.5 4.0 3.7 3.4 Overall Efficiency (gf/W) 8.2 7.0 6.1 5.4 4.6 4.1 3.7 3.3 3.0	Propeller: Dalprop 7056						
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10% 20% 30% 40% 50% 60% 70% 80% 100% 100% ESC signal (µs) 10% 20% 30% 40% 50% 60% 70% 80% 100% ESC signal (µs) 10% 80%	14 66 149 249 377 542 730 922 1118 1302 Thrust (gf) 25 108 231 391 606 821 1059 1306 1549 1772 Thrust (gf) 37	Voltage (V) 16.77 16.76 16.74 16.71 16.67 16.60 16.52 16.41 16.28 16.13 Voltage (V) 20.97 20.95 20.92 20.86 20.77 20.66 20.77 20.66 20.50 20.31 20.09 19.84 Voltage (V)	Current (A) 0.10 0.51 1.31 2.44 4.11 6.67 9.92 13.93 18.58 23.73 Current (A) 0.15 0.73 1.82 3.50 6.34 9.65 14.05 19.31 25.49 32.09 Current (A) 0.19 0.97	Motor Electrical Speed (RPM) 2171 4146 5978 7595 9190 10794 12325 13760 15111 16281 Motor Electrical Speed (RPM) 2708 5117 7323 9294 11354 13031 14641 16251 17651 18773 Motor Electrical Speed (RPM) 13232 6070	Electrical Power (W) 1.7 8.6 22.0 40.9 68.6 110.8 163.9 228.6 302.3 382.7 Electrical Power (W) 3.0 15.4 38.0 73.1 131.7 199.5 288.0 392.2 512.0 636.7 Electrical Power (W)	Overall Efficiency (gf/W) 8.6 7.7 6.8 6.1 5.5 4.9 4.5 4.0 3.7 3.4 Overall Efficiency (gf/W) 8.2 7.0 6.1 5.4 4.6 4.1 3.7 3.3 3.0 2.8 Overall Efficiency (gf/W) 7.7 6.3	Propeller: Dalprop 7056 Propeller: Dalprop 7056						
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10% 20% 30% 40% 50% 60% 70% 80% 100% 100% ESC signal (µs) 10% 20% 30% 40% 50% 60% 70% 80% 100%	14 66 149 249 377 542 730 922 1118 1302 Thrust (gf) 25 108 231 391 606 821 1059 1306 1549 1772 Thrust (gf) Thrust (gf) 37 154 324 562 807	Voltage (V) 16.77 16.76 16.74 16.71 16.67 16.60 16.52 16.41 16.28 16.13 Voltage (V) 20.97 20.95 20.92 20.86 20.77 20.66 20.77 20.66 20.50 20.31 20.09 19.84 Voltage (V) Voltage (V) 25.19 25.14 25.03 24.84 24.58	Current (A) 0.10 0.51 1.31 2.44 4.11 6.67 9.92 13.93 18.58 23.73 Current (A) 0.15 0.73 1.82 3.50 6.34 9.65 14.05 19.31 25.49 32.09 Current (A) Current (A) 0.19 0.97 2.40 4.86 8.15	Motor Electrical Speed (RPM) 2171 4146 5978 7595 9190 10794 12325 13760 15111 16281 Motor Electrical Speed (RPM) 2708 5117 7323 9294 11354 13031 14641 16251 17651 18773 Motor Electrical Speed (RPM) 3232 6070 8567 10973 12945	Electrical Power (W) 1.7 8.6 22.0 40.9 68.6 110.8 163.9 228.6 302.3 382.7 Electrical Power (W) 3.0 15.4 38.0 73.1 131.7 199.5 288.0 392.2 512.0 636.7 Electrical Power (W) 4.8 24.3 60.0 120.8	Overall Efficiency (gf/W) 8.6 7.7 6.8 6.1 5.5 4.9 4.5 4.0 3.7 3.4 Overall Efficiency (gf/W) 8.2 7.0 6.1 5.4 4.6 4.1 3.7 3.3 3.0 2.8 Overall Efficiency (gf/W) 7.7 6.3 5.4 4.7 4.0	Propeller: Dalprop 7056 Propeller: Dalprop 7056						
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10% 20% 30% 40% 50% 60% 70% 80% 100% 100% ESC signal (µs) 10% 20% 30% 40% 50% 60% 70% 80% 100%	14 66 149 249 377 542 730 922 1118 1302 Thrust (gf) 25 108 231 391 606 821 1059 1306 1549 1772 Thrust (gf) Thrust (gf) 37 154 324 562 807	Voltage (V) 16.77 16.76 16.74 16.71 16.67 16.60 16.52 16.41 16.28 16.13 Voltage (V) 20.97 20.95 20.92 20.86 20.77 20.66 20.77 20.66 20.50 20.31 20.09 19.84 Voltage (V) Voltage (V) 25.19 25.14 25.03 24.84 24.58	Current (A) 0.10 0.51 1.31 2.44 4.11 6.67 9.92 13.93 18.58 23.73 Current (A) 0.15 0.73 1.82 3.50 6.34 9.65 14.05 19.31 25.49 32.09 Current (A) Current (A) 0.19 0.97 2.40 4.86 8.15	Motor Electrical Speed (RPM) 2171 4146 5978 7595 9190 10794 12325 13760 15111 16281 Motor Electrical Speed (RPM) 2708 5117 7323 9294 11354 13031 14641 16251 17651 18773 Motor Electrical Speed (RPM) 3232 6070 8567 10973 12945	Electrical Power (W) 1.7 8.6 22.0 40.9 68.6 110.8 163.9 228.6 302.3 382.7 Electrical Power (W) 3.0 15.4 38.0 73.1 131.7 199.5 288.0 392.2 512.0 636.7 Electrical Power (W) 4.8 24.3 60.0 120.8	Overall Efficiency (gf/W) 8.6 7.7 6.8 6.1 5.5 4.9 4.5 4.0 3.7 3.4 Overall Efficiency (gf/W) 8.2 7.0 6.1 5.4 4.6 4.1 3.7 3.3 3.0 2.8 Overall Efficiency (gf/W) 7.7 6.3 5.4 4.7 4.0	Propeller: Dalprop 7056 Propeller: Dalprop 7056						

90	% 1849	22.79	30.42	19088	693.4	2.7	
100	% 2040	22.25	37.19	19811	827.3	2.5	









