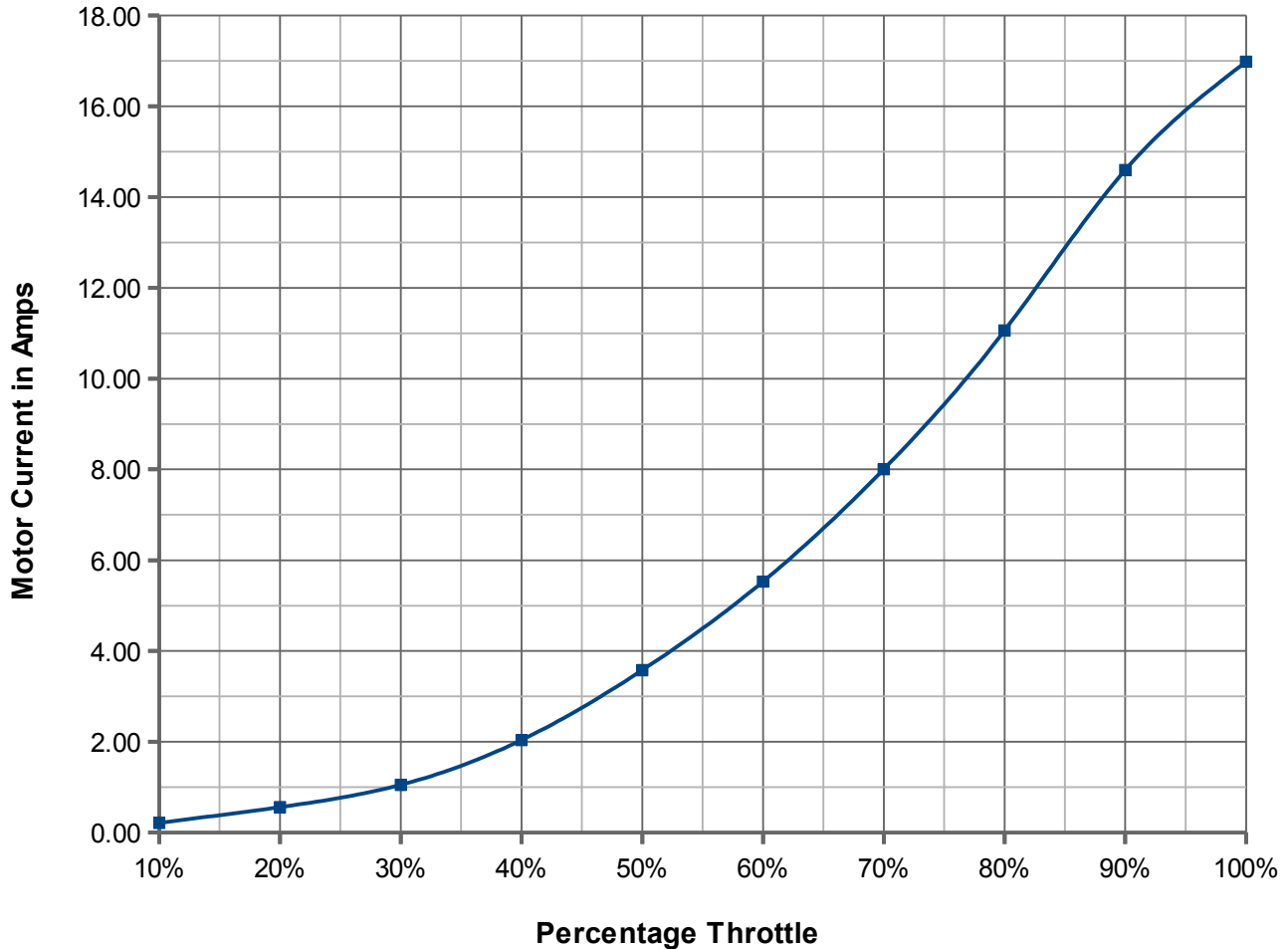


Cobra CM-2217-20 Motor Test Data, Kv=950

Data Collected at 11.1 volts with APC 12x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.22	2.39	1,267	31.3	1.10	13.12
20%	0.56	6.24	1,994	87.0	3.07	13.95
30%	1.05	11.68	2,589	153.5	5.41	13.15
40%	2.04	22.63	3,320	262.6	9.25	11.60
50%	3.58	39.72	4,010	403.3	14.21	10.15
60%	5.53	61.37	4,635	553.5	19.51	9.02
70%	8.00	88.84	5,218	715.8	25.23	8.06
80%	11.06	122.77	5,776	877.9	30.94	7.15
90%	14.60	162.03	6,288	1048.8	36.96	6.47
100%	16.98	188.49	6,507	1168.4	41.18	6.20

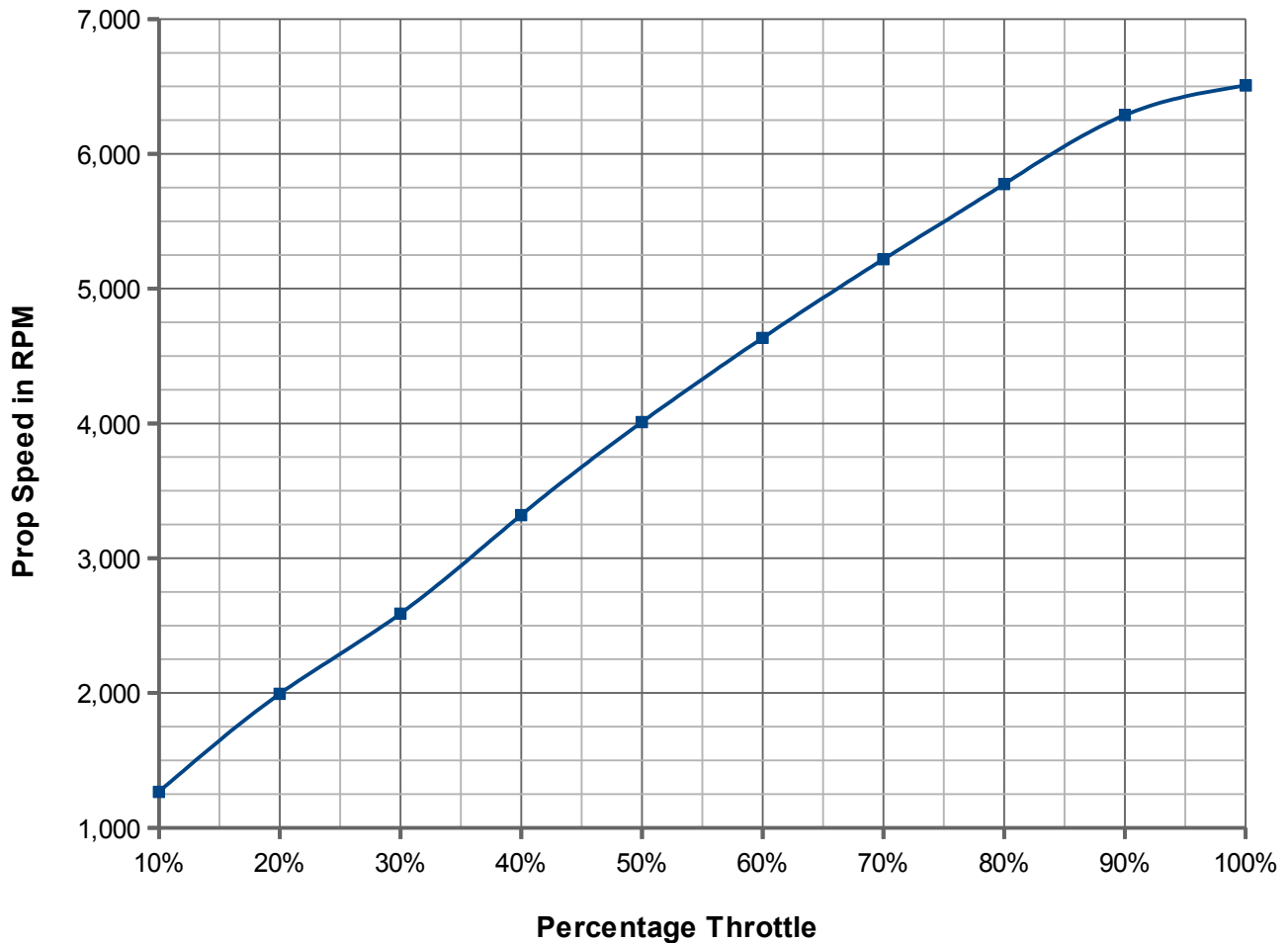
Motor Current vs Throttle Position



Cobra CM-2217-20 Motor Test Data, Kv=950

Data Collected at 11.1 volts with APC 12x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.22	2.39	1,267	31.3	1.10	13.12
20%	0.56	6.24	1,994	87.0	3.07	13.95
30%	1.05	11.68	2,589	153.5	5.41	13.15
40%	2.04	22.63	3,320	262.6	9.25	11.60
50%	3.58	39.72	4,010	403.3	14.21	10.15
60%	5.53	61.37	4,635	553.5	19.51	9.02
70%	8.00	88.84	5,218	715.8	25.23	8.06
80%	11.06	122.77	5,776	877.9	30.94	7.15
90%	14.60	162.03	6,288	1048.8	36.96	6.47
100%	16.98	188.49	6,507	1168.4	41.18	6.20

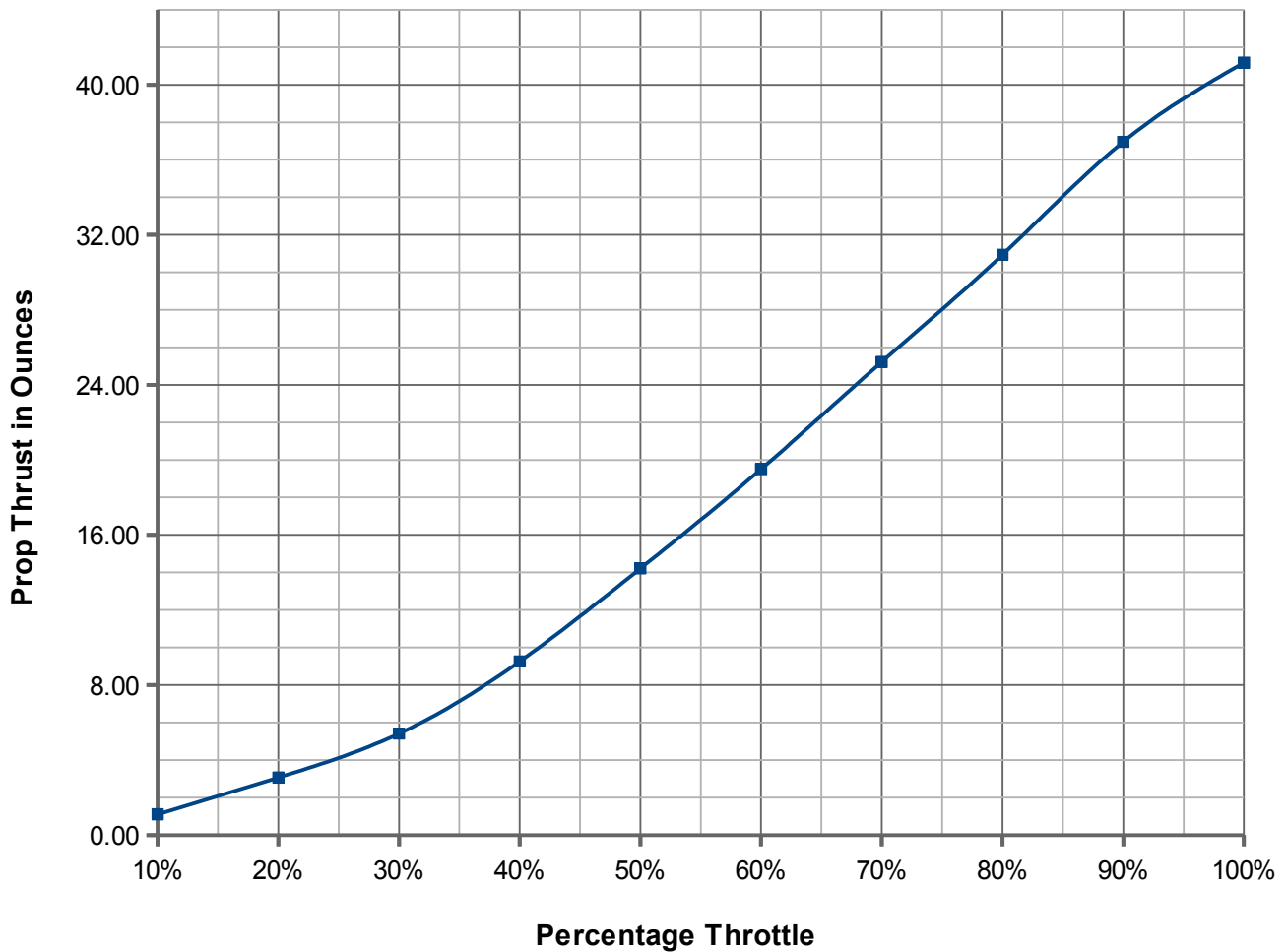
Propeller RPM vs Throttle Position



Cobra CM-2217-20 Motor Test Data, Kv=950

Data Collected at 11.1 volts with APC 12x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.22	2.39	1,267	31.3	1.10	13.12
20%	0.56	6.24	1,994	87.0	3.07	13.95
30%	1.05	11.68	2,589	153.5	5.41	13.15
40%	2.04	22.63	3,320	262.6	9.25	11.60
50%	3.58	39.72	4,010	403.3	14.21	10.15
60%	5.53	61.37	4,635	553.5	19.51	9.02
70%	8.00	88.84	5,218	715.8	25.23	8.06
80%	11.06	122.77	5,776	877.9	30.94	7.15
90%	14.60	162.03	6,288	1048.8	36.96	6.47
100%	16.98	188.49	6,507	1168.4	41.18	6.20

Propeller Thrust vs Throttle Position



Cobra CM-2217-20 Motor Test Data, Kv=950

Data Collected at 11.1 volts with APC 12x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.22	2.39	1,267	31.3	1.10	13.12
20%	0.56	6.24	1,994	87.0	3.07	13.95
30%	1.05	11.68	2,589	153.5	5.41	13.15
40%	2.04	22.63	3,320	262.6	9.25	11.60
50%	3.58	39.72	4,010	403.3	14.21	10.15
60%	5.53	61.37	4,635	553.5	19.51	9.02
70%	8.00	88.84	5,218	715.8	25.23	8.06
80%	11.06	122.77	5,776	877.9	30.94	7.15
90%	14.60	162.03	6,288	1048.8	36.96	6.47
100%	16.98	188.49	6,507	1168.4	41.18	6.20

Propeller Efficiency vs Throttle Position

