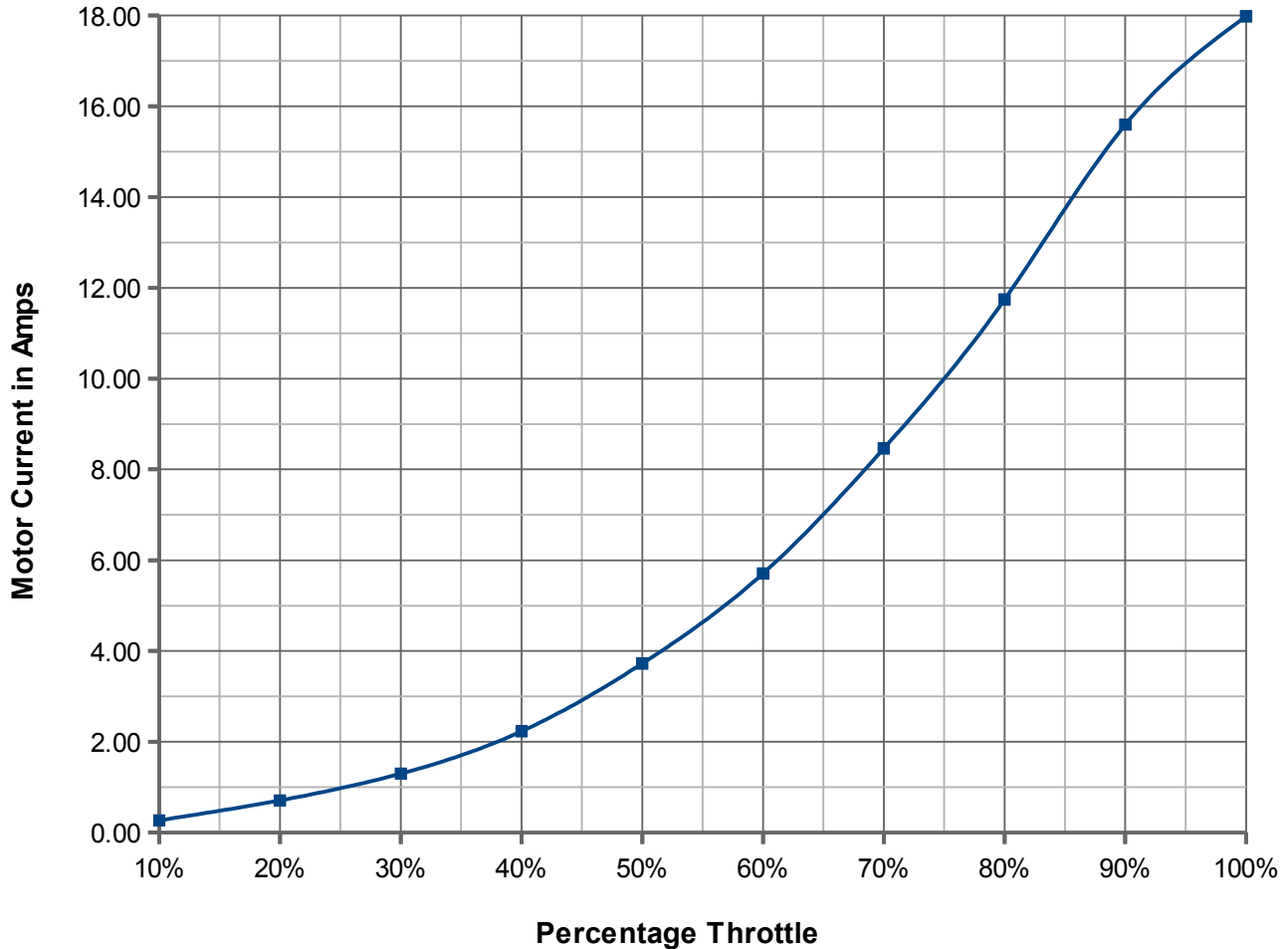


Cobra CM-2217-20 Motor Test Data, Kv=950

Data Collected at 14.8 volts with APC 10x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.27	4.00	1,988	57.5	2.03	14.39
20%	0.71	10.51	3,043	134.3	4.73	12.78
30%	1.30	19.23	3,858	213.7	7.53	11.12
40%	2.23	33.02	4,708	323.8	11.41	9.81
50%	3.73	55.13	5,626	467.4	16.47	8.48
60%	5.71	84.45	6,508	632.4	22.29	7.49
70%	8.46	125.22	7,371	832.1	29.33	6.64
80%	11.74	173.81	8,138	1034.8	36.47	5.95
90%	15.60	230.81	8,813	1231.3	43.39	5.33
100%	17.98	266.12	9,185	1340.5	47.24	5.04

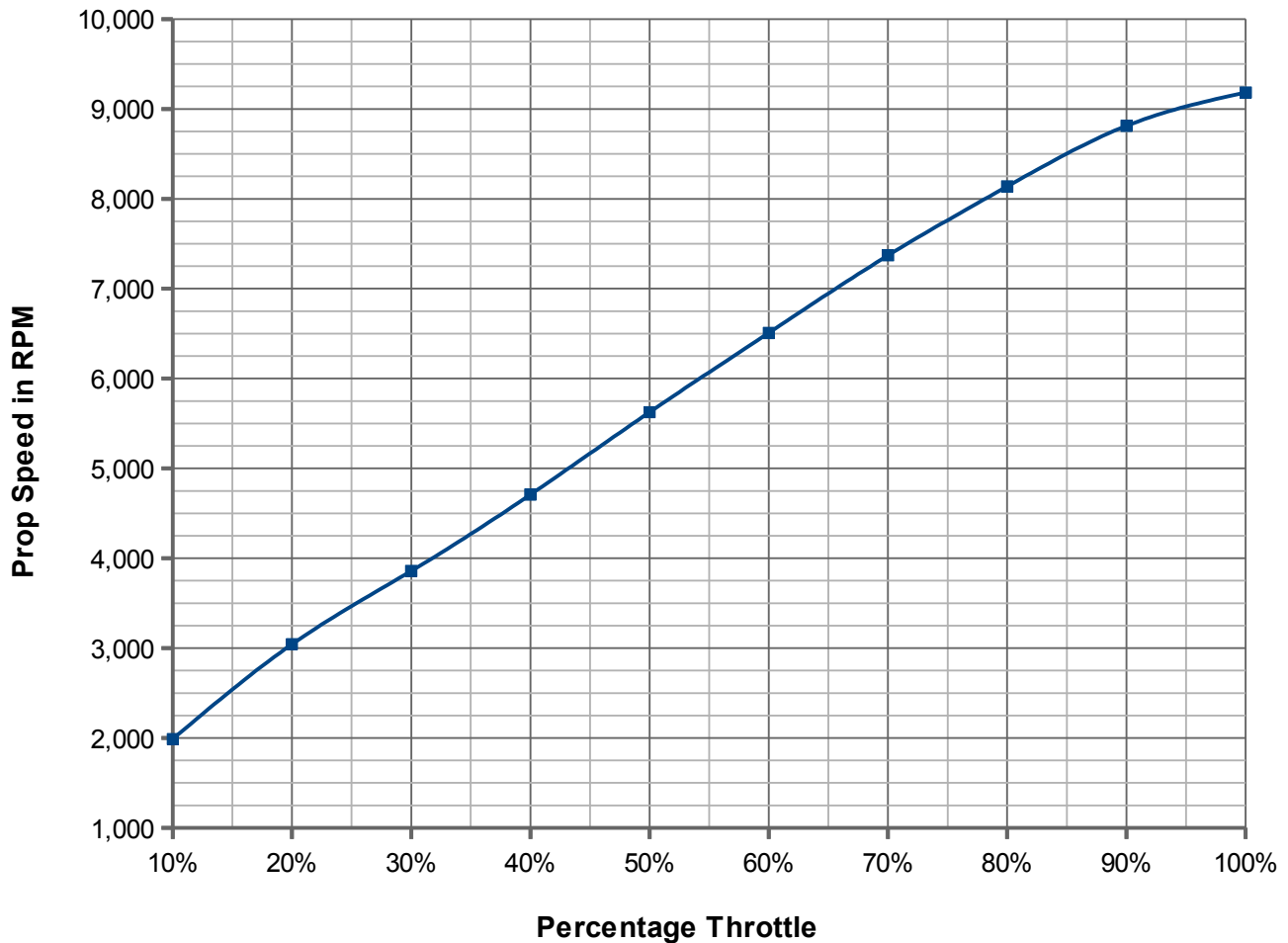
Motor Current vs Throttle Position



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

Data Collected at 14.8 volts with APC 10x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.27	4.00	1,988	57.5	2.03	14.39
20%	0.71	10.51	3,043	134.3	4.73	12.78
30%	1.30	19.23	3,858	213.7	7.53	11.12
40%	2.23	33.02	4,708	323.8	11.41	9.81
50%	3.73	55.13	5,626	467.4	16.47	8.48
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80%	11.74	173.81	8,138	1034.8	36.47	5.95
90%	15.60	230.81	8,813	1231.3	43.39	5.33
100%	17.98	266.12	9,185	1340.5	47.24	5.04

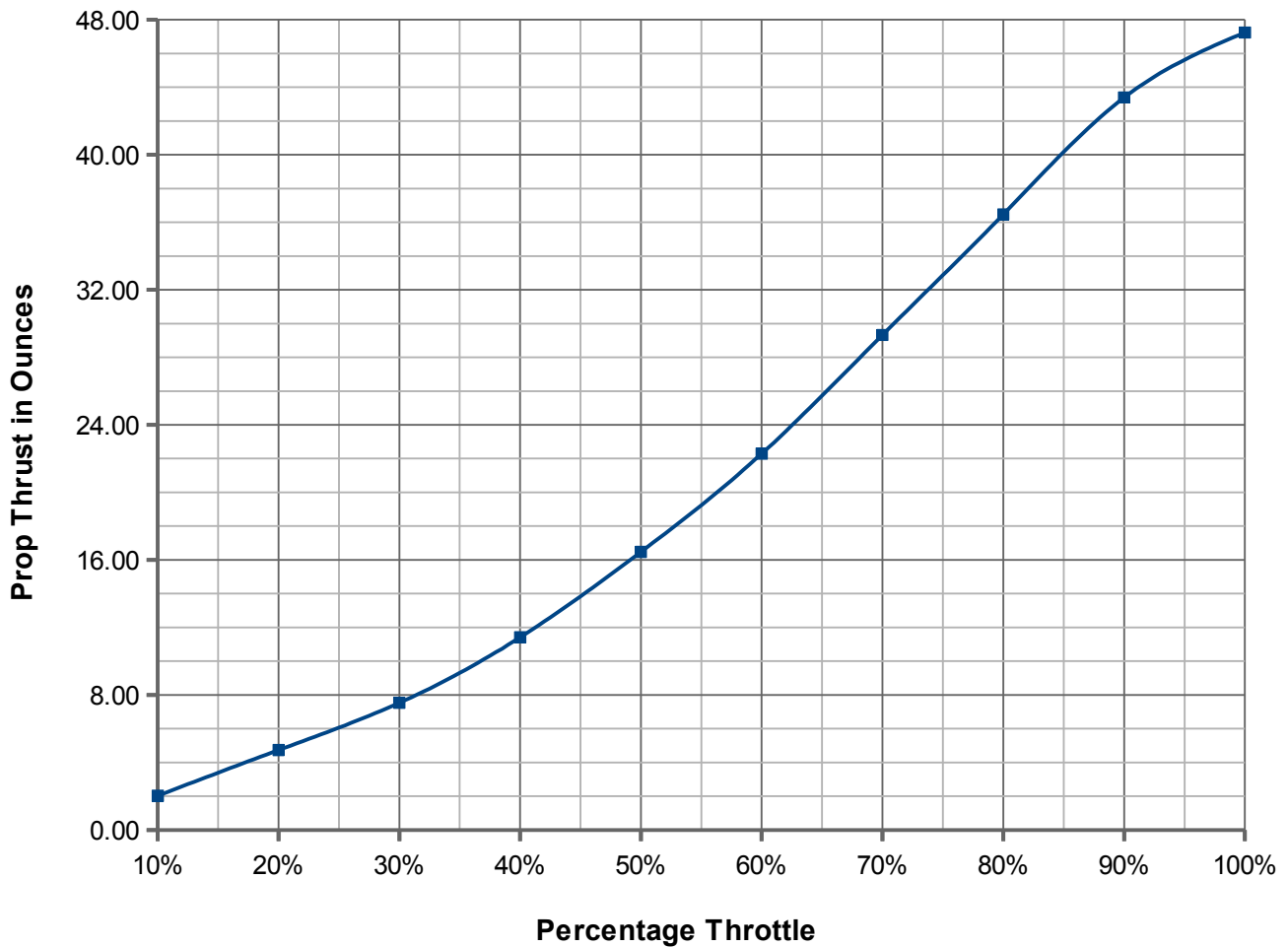
Propeller RPM vs Throttle Position



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

Data Collected at 14.8 volts with APC 10x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.27	4.00	1,988	57.5	2.03	14.39
20%	0.71	10.51	3,043	134.3	4.73	12.78
30%	1.30	19.23	3,858	213.7	7.53	11.12
40%	2.23	33.02	4,708	323.8	11.41	9.81
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70%	8.46	125.22	7,371	832.1	29.33	6.64
80%	11.74	173.81	8,138	1034.8	36.47	5.95
90%	15.60	230.81	8,813	1231.3	43.39	5.33
100%	17.98	266.12	9,185	1340.5	47.24	5.04

Propeller Thrust vs Throttle Position



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

Data Collected at 14.8 volts with APC 10x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.27	4.00	1,988	57.5	2.03	14.39
20%	0.71	10.51	3,043	134.3	4.73	12.78
30%	1.30	19.23	3,858	213.7	7.53	11.12
40%	2.23	33.02	4,708	323.8	11.41	9.81
50%	3.73	55.13	5,626	467.4	16.47	8.48
60%	5.71	84.45	6,508	632.4	22.29	7.49
70%	8.46	125.22	7,371	832.1	29.33	6.64
80%	11.74	173.81	8,138	1034.8	36.47	5.95
90%	15.60	230.81	8,813	1231.3	43.39	5.33
100%	17.98	266.12	9,185	1340.5	47.24	5.04

Propeller Efficiency vs Throttle Position

