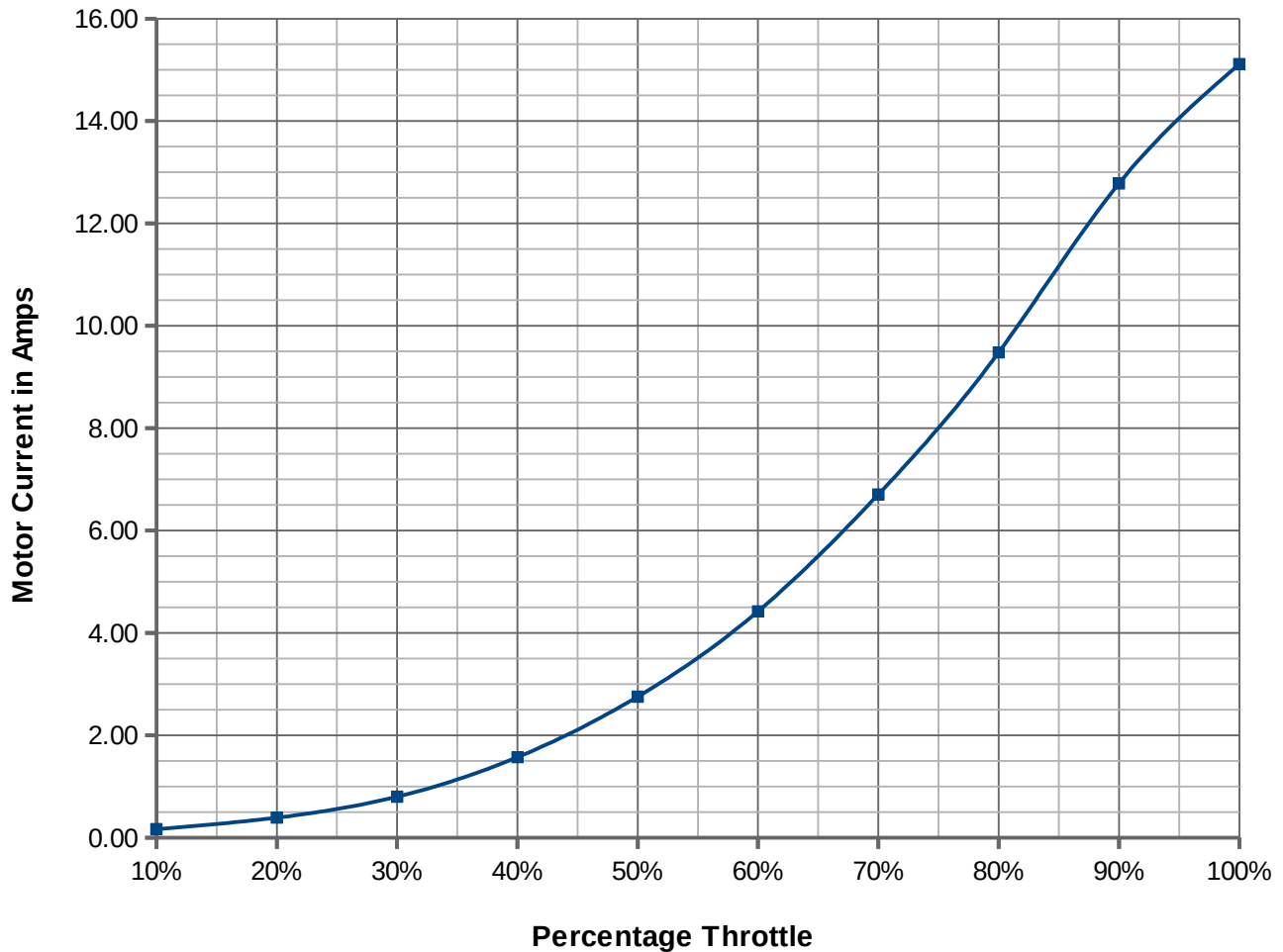


Cobra CM-4008/24 Motor Test Data, Kv=600

Data Collected at 11.1 volts with APC 14x5.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.17	1.84	760	23.9	0.84	12.97
20%	0.39	4.33	1,300	67.8	2.39	15.66
30%	0.80	8.88	1,845	137.2	4.84	15.45
40%	1.57	17.45	2,430	249.9	8.81	14.32
50%	2.75	30.57	2,987	387.2	13.65	12.67
60%	4.42	49.08	3,524	560.3	19.75	11.42
70%	6.71	74.43	4,047	747.8	26.35	10.05
80%	9.48	105.24	4,545	943.1	33.24	8.96
90%	12.78	141.89	4,991	1163.3	41.00	8.20
100%	15.11	167.77	5,231	1306.3	46.04	7.79

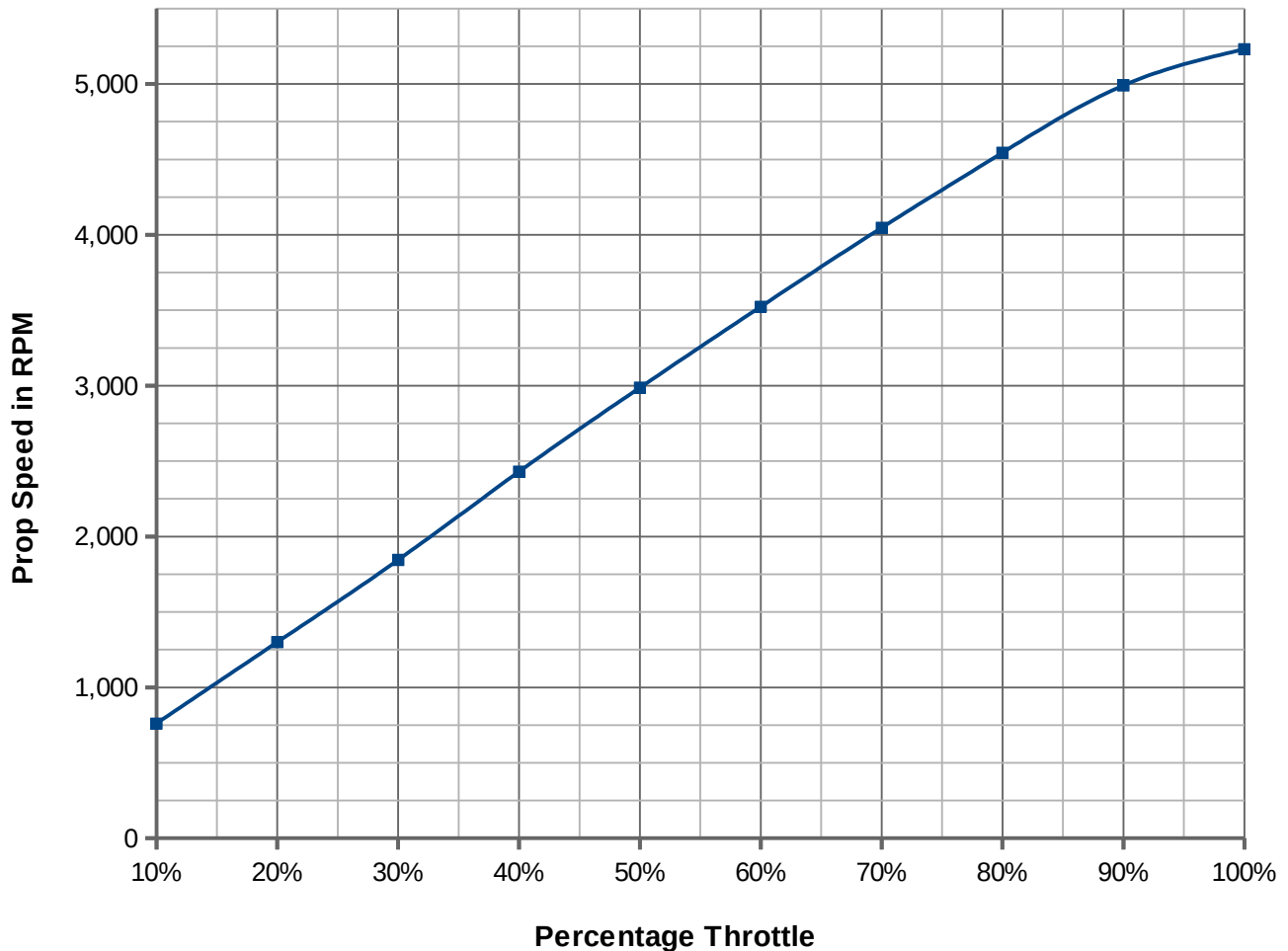
Motor Current vs Throttle Position



Cobra CM-4008/24 Motor Test Data, Kv=600

Data Collected at 11.1 volts with APC 14x5.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.17	1.84	760	23.9	0.84	12.97
20%	0.39	4.33	1,300	67.8	2.39	15.66
30%	0.80	8.88	1,845	137.2	4.84	15.45
40%	1.57	17.45	2,430	249.9	8.81	14.32
50%	2.75	30.57	2,987	387.2	13.65	12.67
60%	4.42	49.08	3,524	560.3	19.75	11.42
70%	6.71	74.43	4,047	747.8	26.35	10.05
80%	9.48	105.24	4,545	943.1	33.24	8.96
90%	12.78	141.89	4,991	1163.3	41.00	8.20
100%	15.11	167.77	5,231	1306.3	46.04	7.79

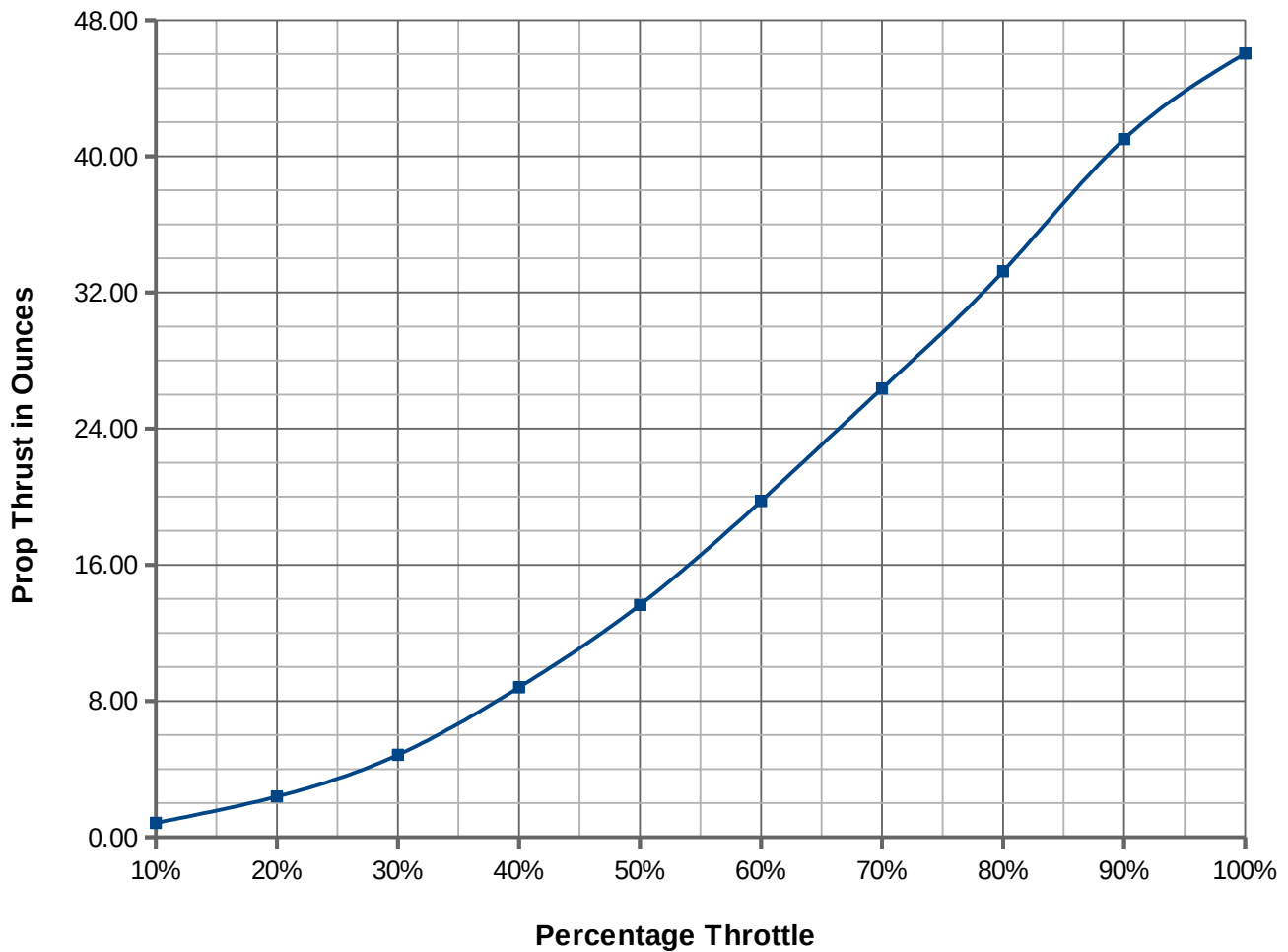
Propeller RPM vs Throttle Position



Cobra CM-4008/24 Motor Test Data, Kv=600

Data Collected at 11.1 volts with APC 14x5.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.17	1.84	760	23.9	0.84	12.97
20%	0.39	4.33	1,300	67.8	2.39	15.66
30%	0.80	8.88	1,845	137.2	4.84	15.45
40%	1.57	17.45	2,430	249.9	8.81	14.32
50%	2.75	30.57	2,987	387.2	13.65	12.67
60%	4.42	49.08	3,524	560.3	19.75	11.42
70%	6.71	74.43	4,047	747.8	26.35	10.05
80%	9.48	105.24	4,545	943.1	33.24	8.96
90%	12.78	141.89	4,991	1163.3	41.00	8.20
100%	15.11	167.77	5,231	1306.3	46.04	7.79

Propeller Thrust vs Throttle Position



Cobra CM-4008/24 Motor Test Data, Kv=600

Data Collected at 11.1 volts with APC 14x5.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.17	1.84	760	23.9	0.84	12.97
20%	0.39	4.33	1,300	67.8	2.39	15.66
30%	0.80	8.88	1,845	137.2	4.84	15.45
40%	1.57	17.45	2,430	249.9	8.81	14.32
50%	2.75	30.57	2,987	387.2	13.65	12.67
60%	4.42	49.08	3,524	560.3	19.75	11.42
70%	6.71	74.43	4,047	747.8	26.35	10.05
80%	9.48	105.24	4,545	943.1	33.24	8.96
90%	12.78	141.89	4,991	1163.3	41.00	8.20
100%	15.11	167.77	5,231	1306.3	46.04	7.79

Propeller Efficiency vs Throttle Position

