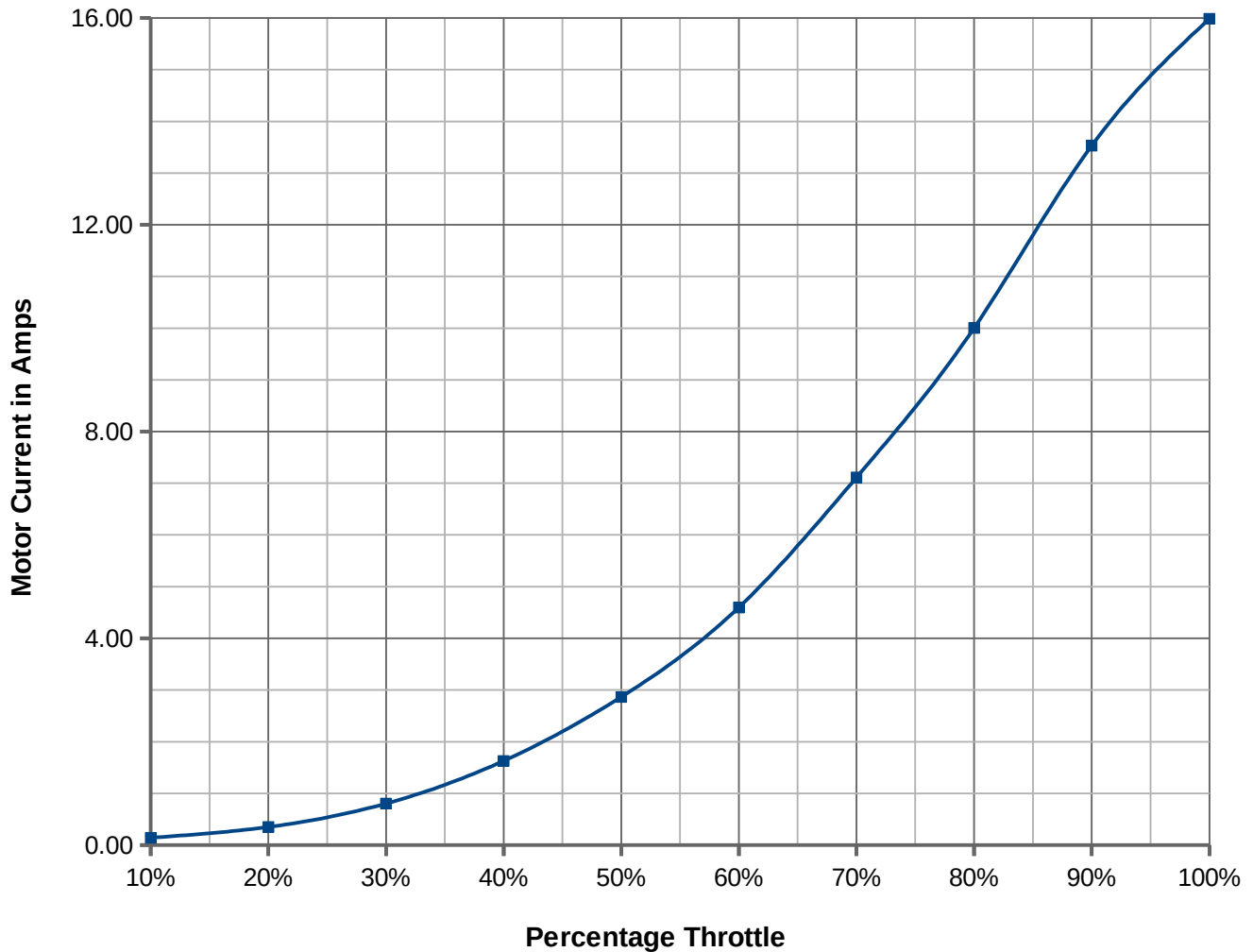


Cobra CM-4006/36 Motor Test Data, Kv=500

Data Collected at 14.8 volts with RC-Timer 13x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.14	2.10	883	27.6	0.97	13.13
20%	0.35	5.19	1,509	77.6	2.73	14.94
30%	0.80	11.90	2,182	164.5	5.80	13.82
40%	1.63	24.11	2,836	294.2	10.37	12.20
50%	2.87	42.42	3,441	444.8	15.68	10.49
60%	4.60	68.05	4,032	626.4	22.08	9.20
70%	7.11	105.24	4,598	837.5	29.52	7.96
80%	10.01	148.07	5,064	1036.9	36.54	7.00
90%	13.53	200.27	5,507	1249.9	44.05	6.24
100%	15.99	236.59	5,752	1379.5	48.62	5.83

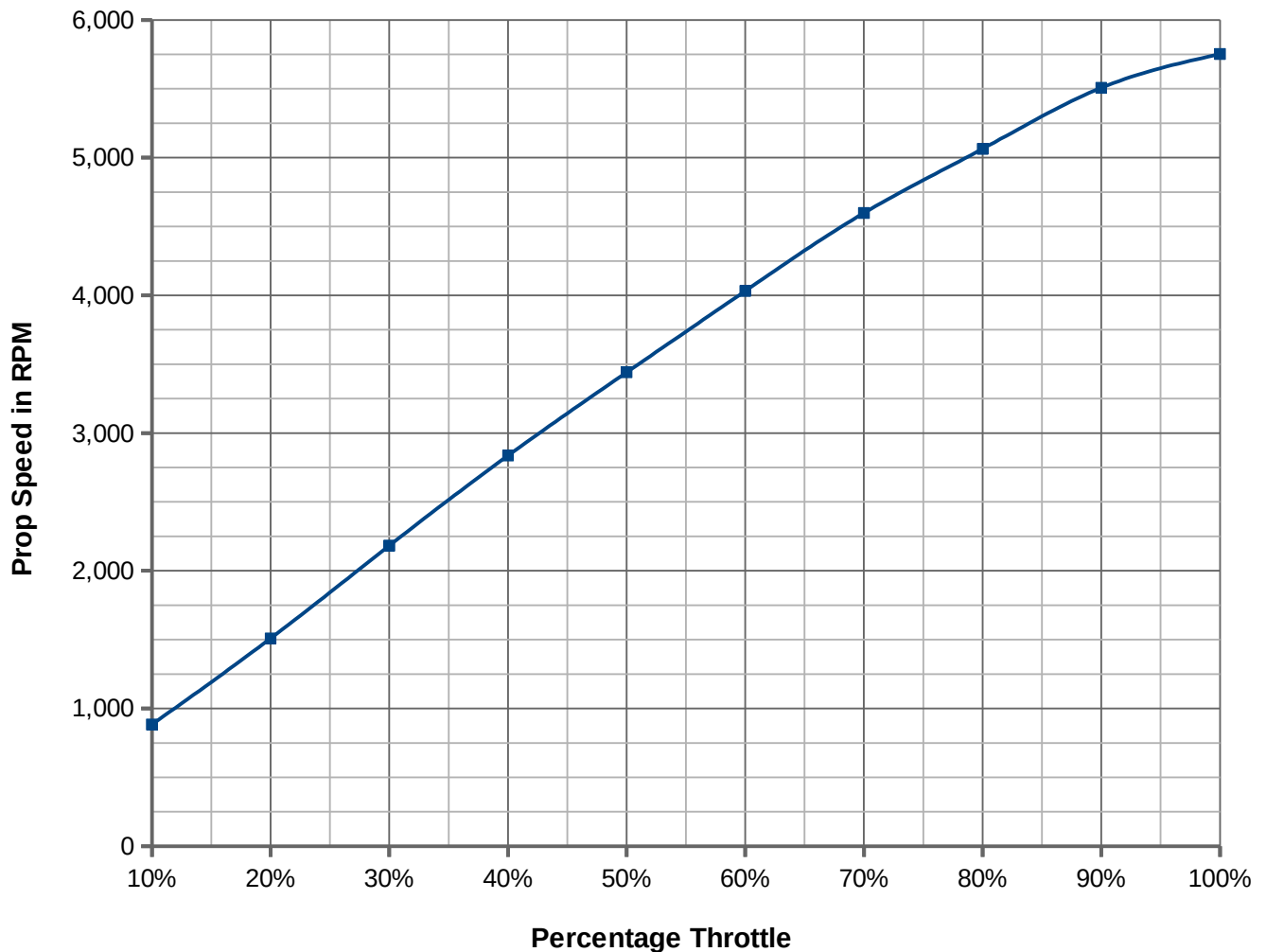
Motor Current vs Throttle Position



Cobra CM-4006/36 Motor Test Data, Kv=500

Data Collected at 14.8 volts with RC-Timer 13x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
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20%	0.35	5.19	1,509	77.6	2.73	14.94
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90%	13.53	200.27	5,507	1249.9	44.05	6.24
100%	15.99	236.59	5,752	1379.5	48.62	5.83

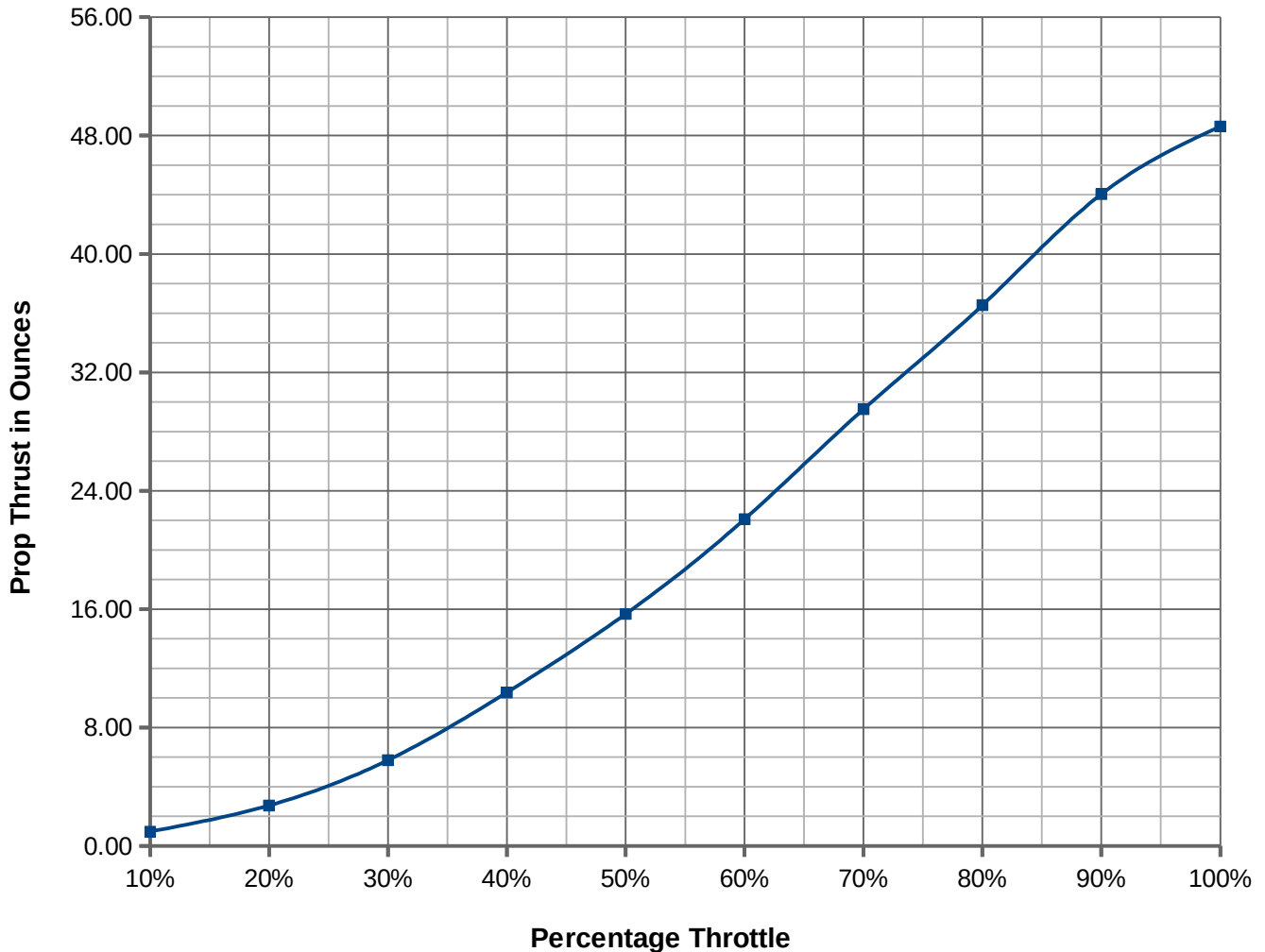
Propeller RPM vs Throttle Position



Cobra CM-4006/36 Motor Test Data, Kv=500

Data Collected at 14.8 volts with RC-Timer 13x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.14	2.10	883	27.6	0.97	13.13
20%	0.35	5.19	1,509	77.6	2.73	14.94
30%	0.80	11.90	2,182	164.5	5.80	13.82
40%	1.63	24.11	2,836	294.2	10.37	12.20
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70%	7.11	105.24	4,598	837.5	29.52	7.96
80%	10.01	148.07	5,064	1036.9	36.54	7.00
90%	13.53	200.27	5,507	1249.9	44.05	6.24
100%	15.99	236.59	5,752	1379.5	48.62	5.83

Propeller Thrust vs Throttle Position



Cobra CM-4006/36 Motor Test Data, Kv=500

Data Collected at 14.8 volts with RC-Timer 13x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.14	2.10	883	27.6	0.97	13.13
20%	0.35	5.19	1,509	77.6	2.73	14.94
30%	0.80	11.90	2,182	164.5	5.80	13.82
40%	1.63	24.11	2,836	294.2	10.37	12.20
50%	2.87	42.42	3,441	444.8	15.68	10.49
60%	4.60	68.05	4,032	626.4	22.08	9.20
70%	7.11	105.24	4,598	837.5	29.52	7.96
80%	10.01	148.07	5,064	1036.9	36.54	7.00
90%	13.53	200.27	5,507	1249.9	44.05	6.24
100%	15.99	236.59	5,752	1379.5	48.62	5.83

Propeller Efficiency vs Throttle Position

