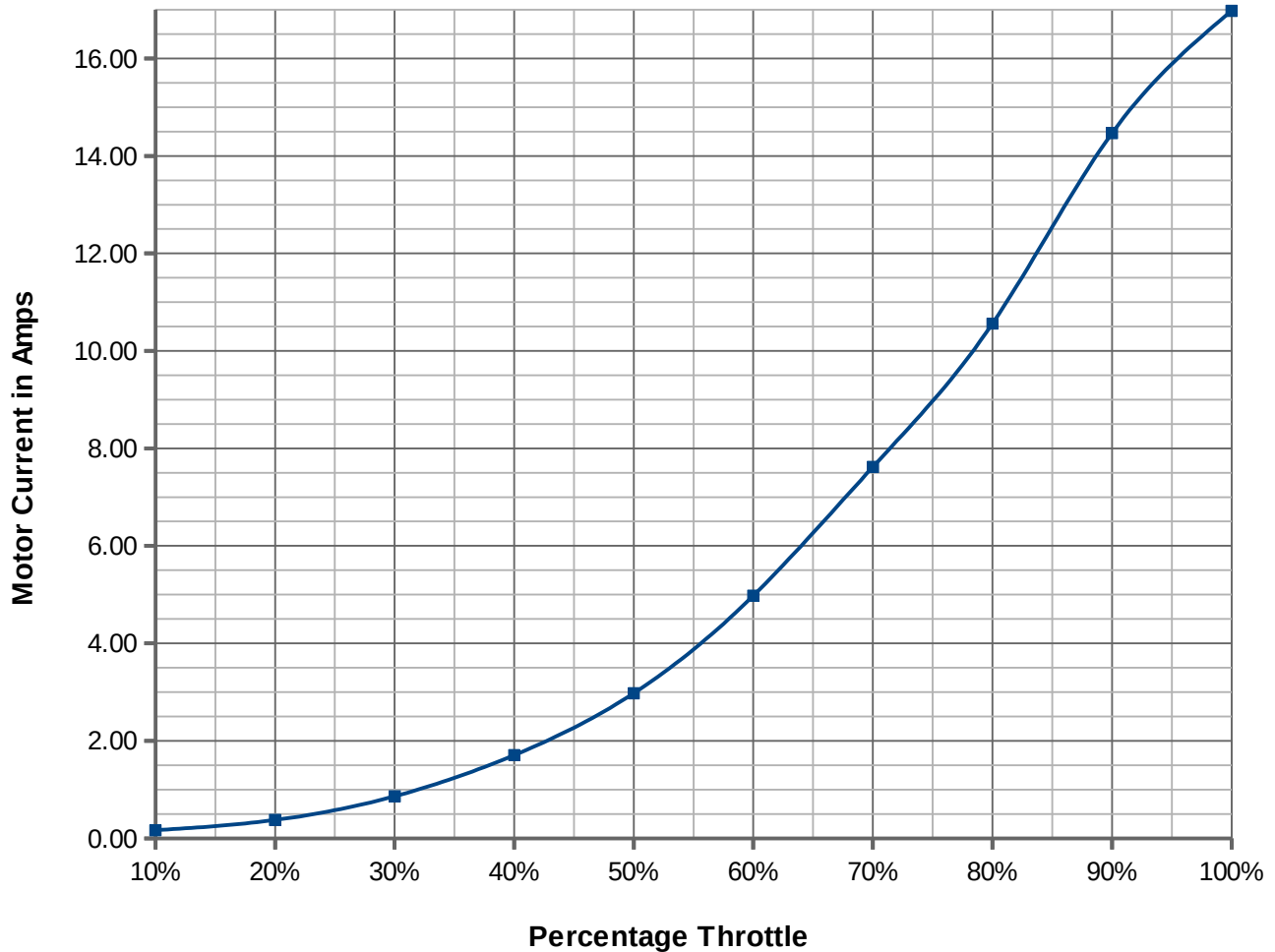


Cobra CM-4008-36 Motor Test Data, Kv=400

Data Collected at 22.2 volts with RC-Timer 13x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.17	3.69	1,126	40.1	1.41	10.88
20%	0.38	8.39	1,804	115.9	4.08	13.81
30%	0.86	19.16	2,569	244.6	8.62	12.77
40%	1.71	37.92	3,294	413.7	14.58	10.91
50%	2.98	66.09	3,969	623.7	21.98	9.44
60%	4.98	110.53	4,658	892.9	31.47	8.08
70%	7.62	169.14	5,290	1179.0	41.55	6.97
80%	10.56	234.43	5,847	1434.5	50.56	6.12
90%	14.47	321.19	6,327	1720.9	60.65	5.36
100%	16.98	376.89	6,576	1892.0	66.68	5.02

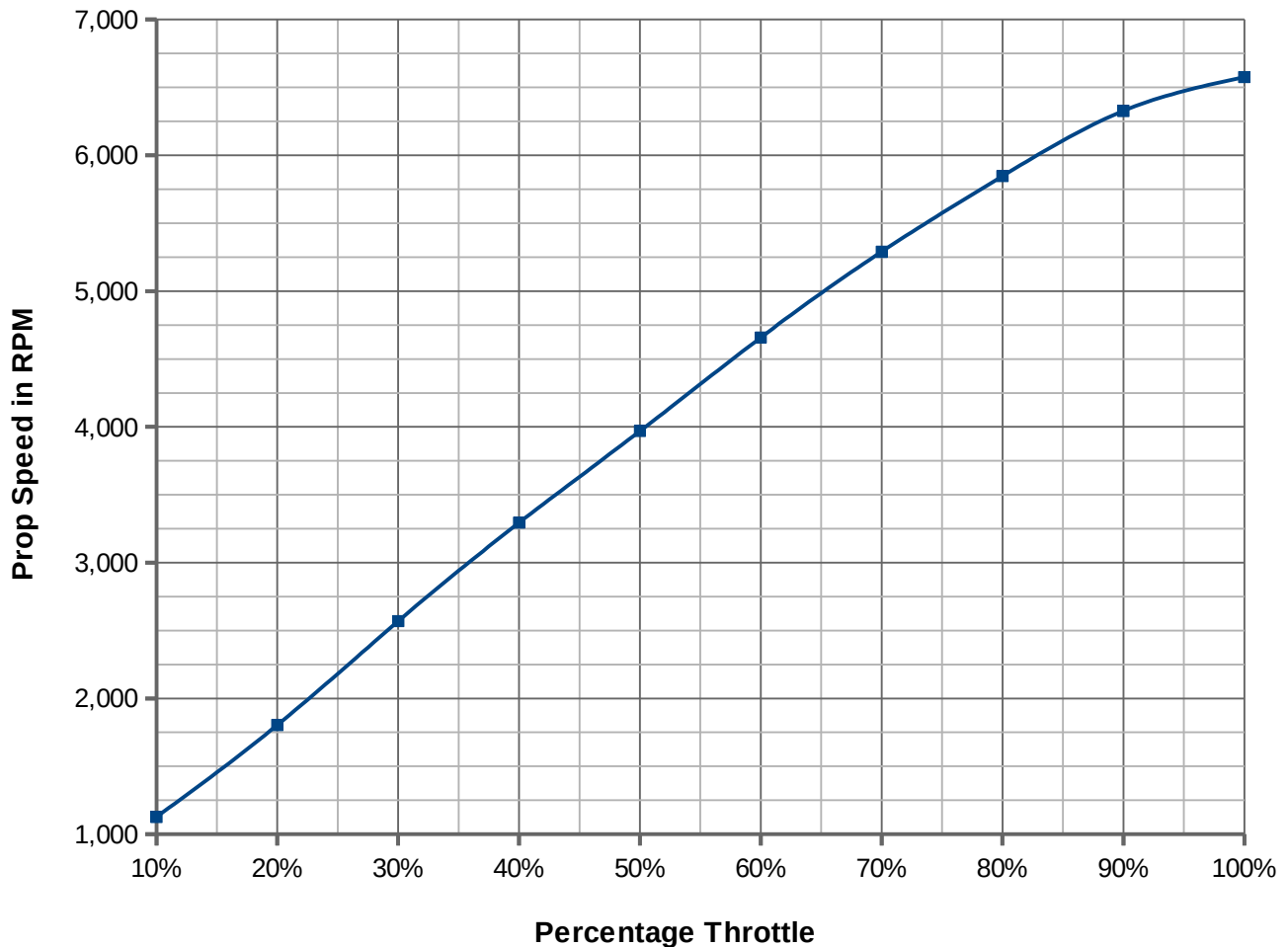
Motor Current vs Throttle Position



Cobra CM-4008-36 Motor Test Data, Kv=400

Data Collected at 22.2 volts with RC-Timer 13x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.17	3.69	1,126	40.1	1.41	10.88
20%	0.38	8.39	1,804	115.9	4.08	13.81
30%	0.86	19.16	2,569	244.6	8.62	12.77
40%	1.71	37.92	3,294	413.7	14.58	10.91
50%	2.98	66.09	3,969	623.7	21.98	9.44
60%	4.98	110.53	4,658	892.9	31.47	8.08
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80%	10.56	234.43	5,847	1434.5	50.56	6.12
90%	14.47	321.19	6,327	1720.9	60.65	5.36
100%	16.98	376.89	6,576	1892.0	66.68	5.02

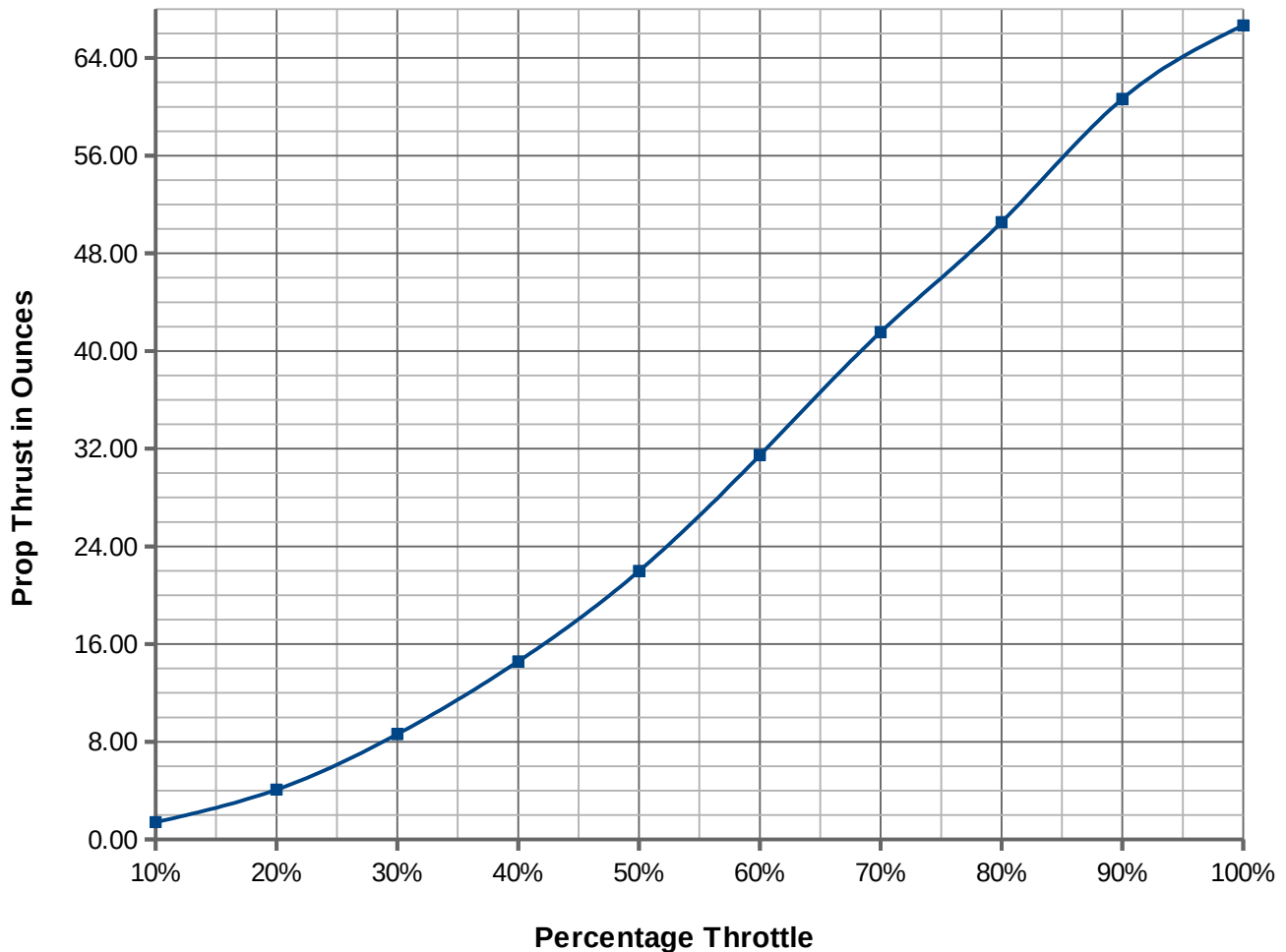
Propeller RPM vs Throttle Position



Cobra CM-4008-36 Motor Test Data, Kv=400

Data Collected at 22.2 volts with RC-Timer 13x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.17	3.69	1,126	40.1	1.41	10.88
20%	0.38	8.39	1,804	115.9	4.08	13.81
30%	0.86	19.16	2,569	244.6	8.62	12.77
40%	1.71	37.92	3,294	413.7	14.58	10.91
50%	2.98	66.09	3,969	623.7	21.98	9.44
60%	4.98	110.53	4,658	892.9	31.47	8.08
70%	7.62	169.14	5,290	1179.0	41.55	6.97
80%	10.56	234.43	5,847	1434.5	50.56	6.12
90%	14.47	321.19	6,327	1720.9	60.65	5.36
100%	16.98	376.89	6,576	1892.0	66.68	5.02

Propeller Thrust vs Throttle Position



Cobra CM-4008-36 Motor Test Data, Kv=400

Data Collected at 22.2 volts with RC-Timer 13x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.17	3.69	1,126	40.1	1.41	10.88
20%	0.38	8.39	1,804	115.9	4.08	13.81
30%	0.86	19.16	2,569	244.6	8.62	12.77
40%	1.71	37.92	3,294	413.7	14.58	10.91
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70%	7.62	169.14	5,290	1179.0	41.55	6.97
80%	10.56	234.43	5,847	1434.5	50.56	6.12
90%	14.47	321.19	6,327	1720.9	60.65	5.36
100%	16.98	376.89	6,576	1892.0	66.68	5.02

Propeller Efficiency vs Throttle Position

