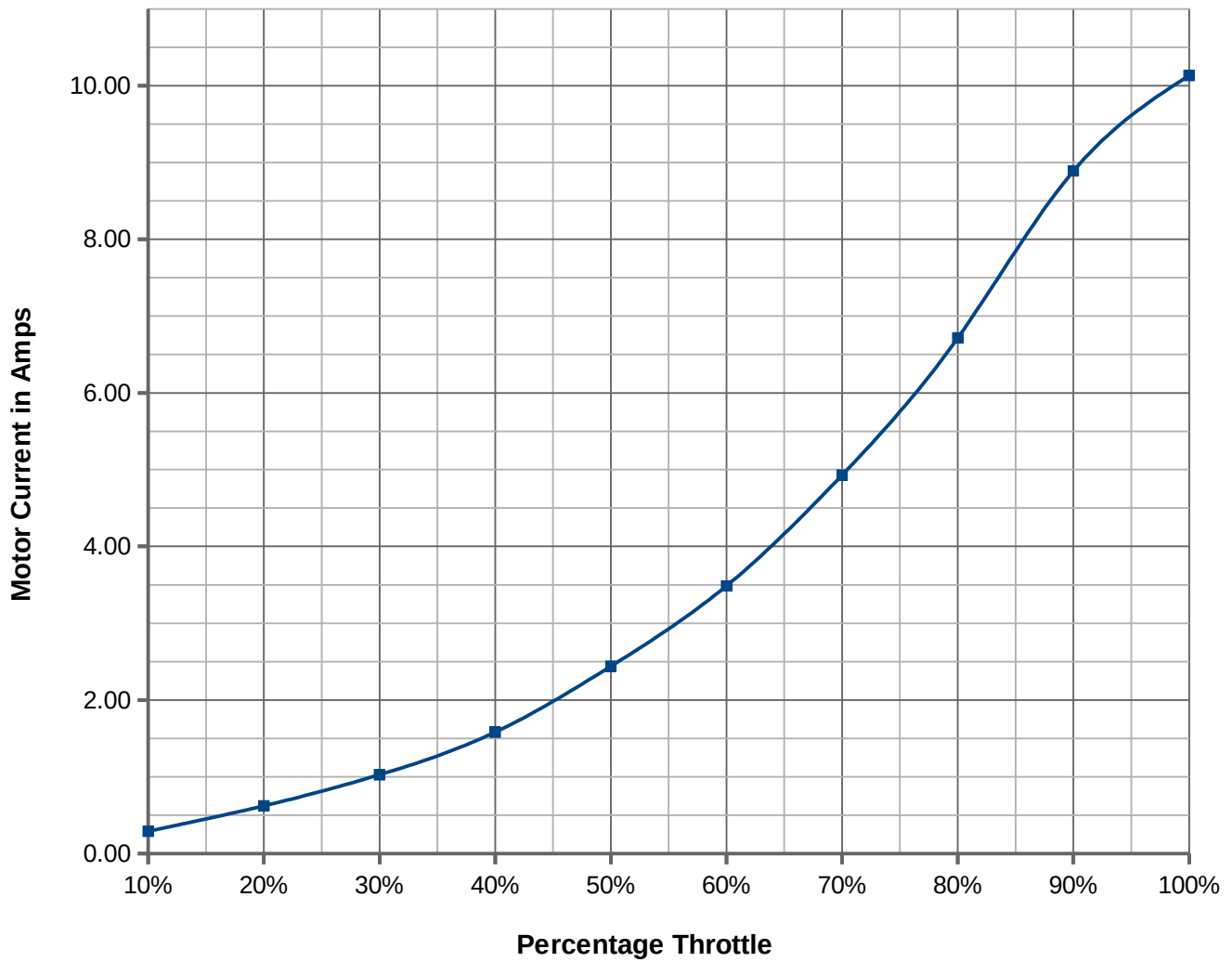


Cobra CM-2206/30 Motor Test Data, Kv=1400

Data Collected at 14.8 volts with FC 6x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.29	4.29	3,643	36.3	1.28	8.46
20%	0.62	9.21	5,478	78.2	2.76	8.49
30%	1.03	15.20	6,881	124.1	4.37	8.16
40%	1.58	23.41	8,228	172.8	6.09	7.38
50%	2.44	36.10	9,732	241.9	8.53	6.70
60%	3.49	51.59	11,129	317.5	11.19	6.15
70%	4.93	72.95	12,574	407.0	14.34	5.58
80%	6.72	99.41	14,042	512.8	18.07	5.16
90%	8.89	131.57	15,517	616.3	21.72	4.68
100%	10.13	149.97	16,218	671.9	23.68	4.48

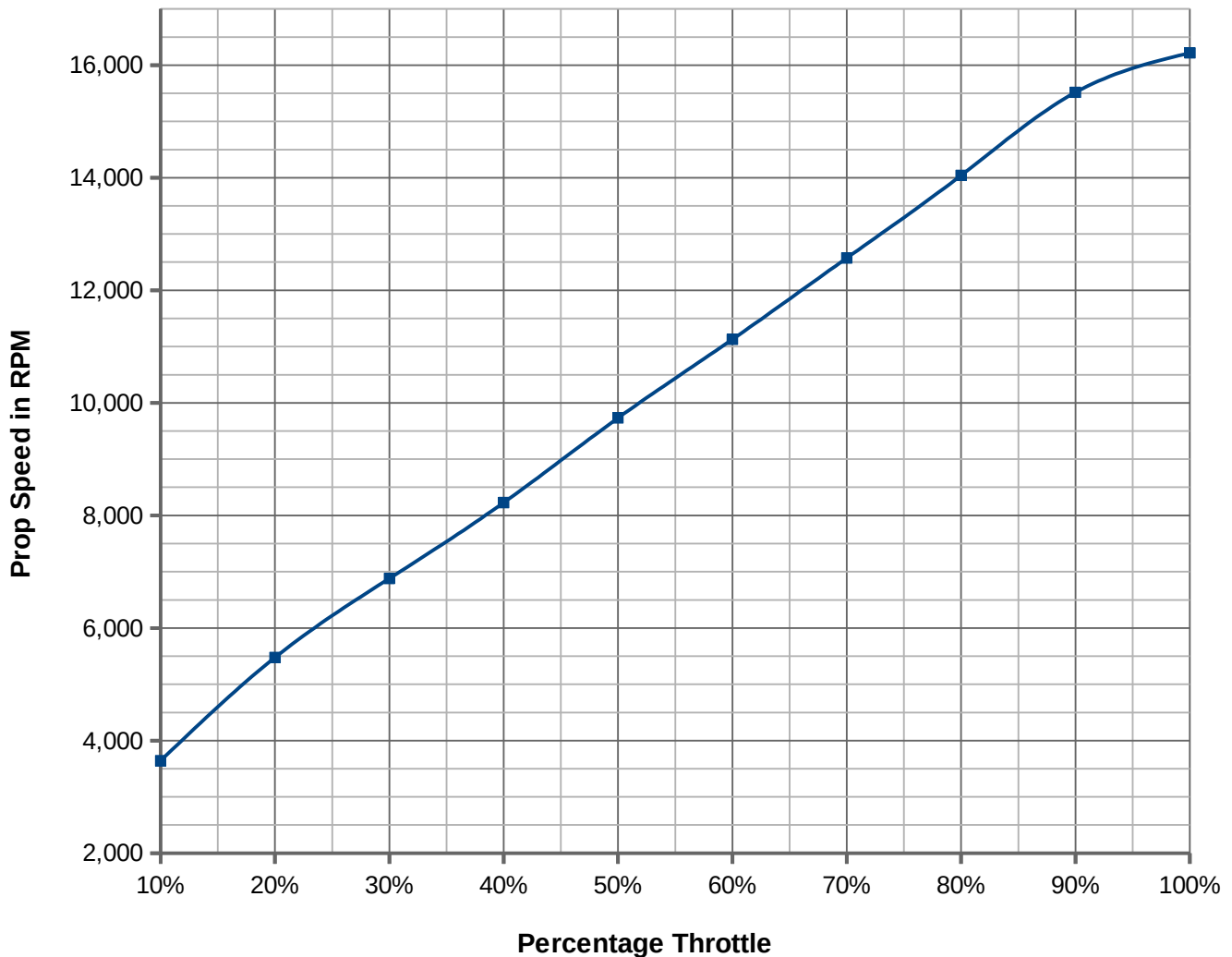
Motor Current vs Throttle Position



Cobra CM-2206/30 Motor Test Data, Kv=1400

Data Collected at 14.8 volts with FC 6x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.29	4.29	3,643	36.3	1.28	8.46
20%	0.62	9.21	5,478	78.2	2.76	8.49
30%	1.03	15.20	6,881	124.1	4.37	8.16
40%	1.58	23.41	8,228	172.8	6.09	7.38
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90%	8.89	131.57	15,517	616.3	21.72	4.68
100%	10.13	149.97	16,218	671.9	23.68	4.48

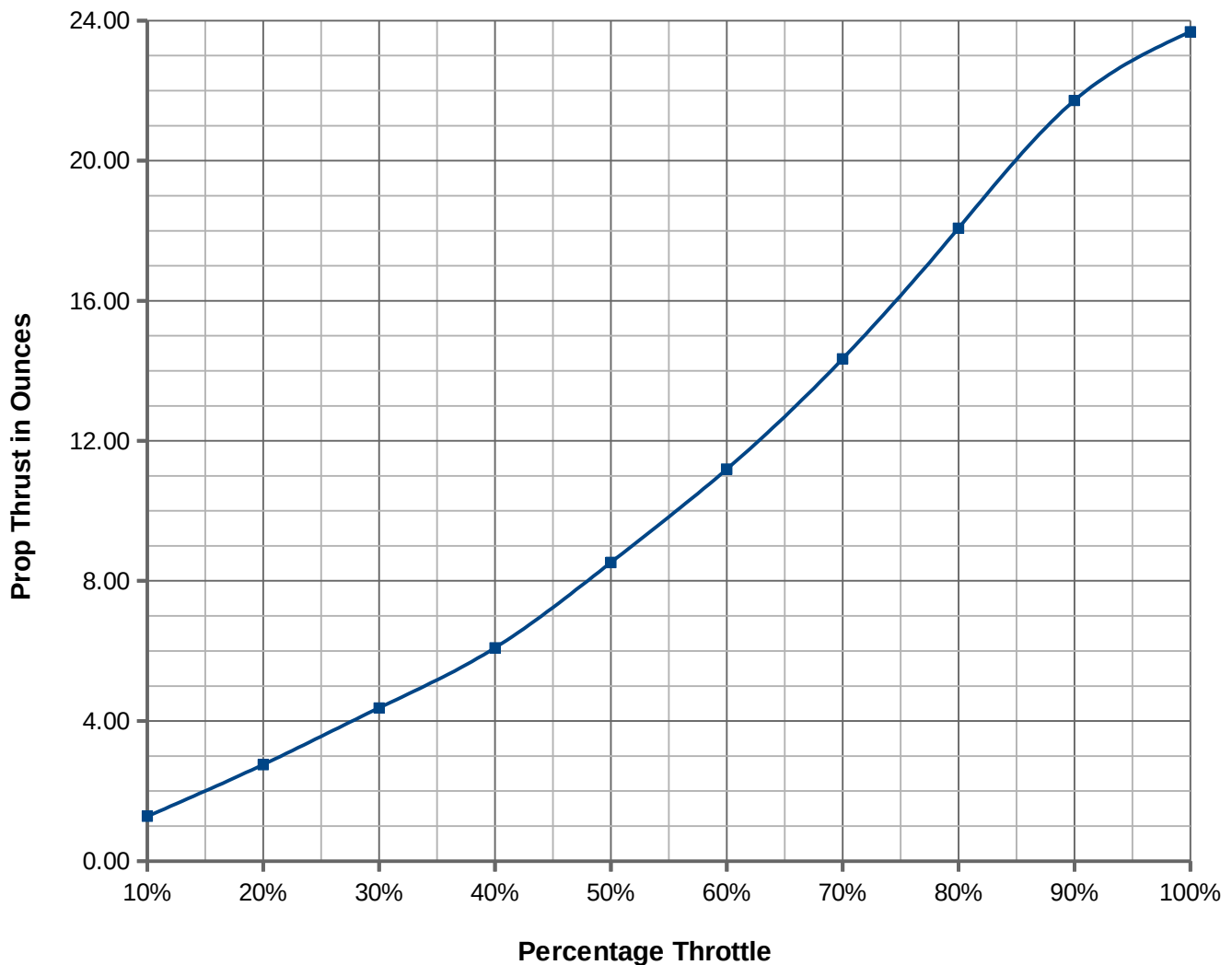
Propeller RPM vs Throttle Position



Cobra CM-2206/30 Motor Test Data, Kv=1400

Data Collected at 14.8 volts with FC 6x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.29	4.29	3,643	36.3	1.28	8.46
20%	0.62	9.21	5,478	78.2	2.76	8.49
30%	1.03	15.20	6,881	124.1	4.37	8.16
40%	1.58	23.41	8,228	172.8	6.09	7.38
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70%	4.93	72.95	12,574	407.0	14.34	5.58
80%	6.72	99.41	14,042	512.8	18.07	5.16
90%	8.89	131.57	15,517	616.3	21.72	4.68
100%	10.13	149.97	16,218	671.9	23.68	4.48

Propeller Thrust vs Throttle Position



Cobra CM-2206/30 Motor Test Data, Kv=1400

Data Collected at 14.8 volts with FC 6x4.5 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.29	4.29	3,643	36.3	1.28	8.46
20%	0.62	9.21	5,478	78.2	2.76	8.49
30%	1.03	15.20	6,881	124.1	4.37	8.16
40%	1.58	23.41	8,228	172.8	6.09	7.38
50%	2.44	36.10	9,732	241.9	8.53	6.70
60%	3.49	51.59	11,129	317.5	11.19	6.15
70%	4.93	72.95	12,574	407.0	14.34	5.58
80%	6.72	99.41	14,042	512.8	18.07	5.16
90%	8.89	131.57	15,517	616.3	21.72	4.68
100%	10.13	149.97	16,218	671.9	23.68	4.48

Propeller Efficiency vs Throttle Position

