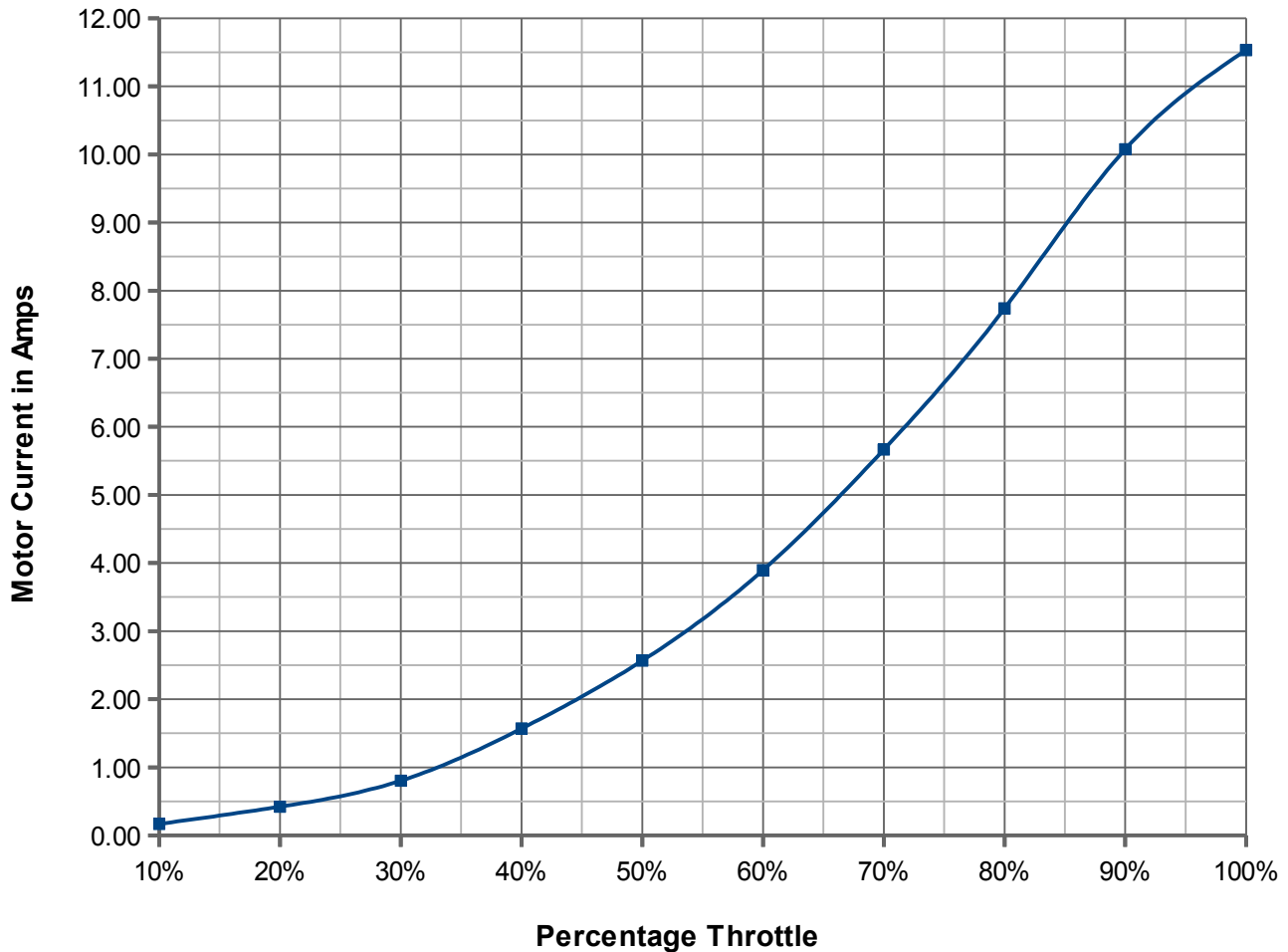


Cobra CM-2208/34 Motor Test Data, Kv=1200

Data Collected at 11.1 volts with GemFan 8x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.17	1.86	1,582	26.0	0.92	13.94
20%	0.42	4.68	2,516	56.2	1.98	12.00
30%	0.80	8.91	3,325	97.0	3.42	10.88
40%	1.57	17.42	4,295	167.2	5.89	9.60
50%	2.57	28.48	5,176	240.7	8.48	8.45
60%	3.90	43.23	5,973	324.7	11.44	7.51
70%	5.67	62.88	6,763	420.9	14.83	6.69
80%	7.74	85.90	7,458	513.1	18.08	5.97
90%	10.08	111.85	8,100	607.9	21.42	5.43
100%	11.53	128.03	8,398	658.8	23.22	5.15

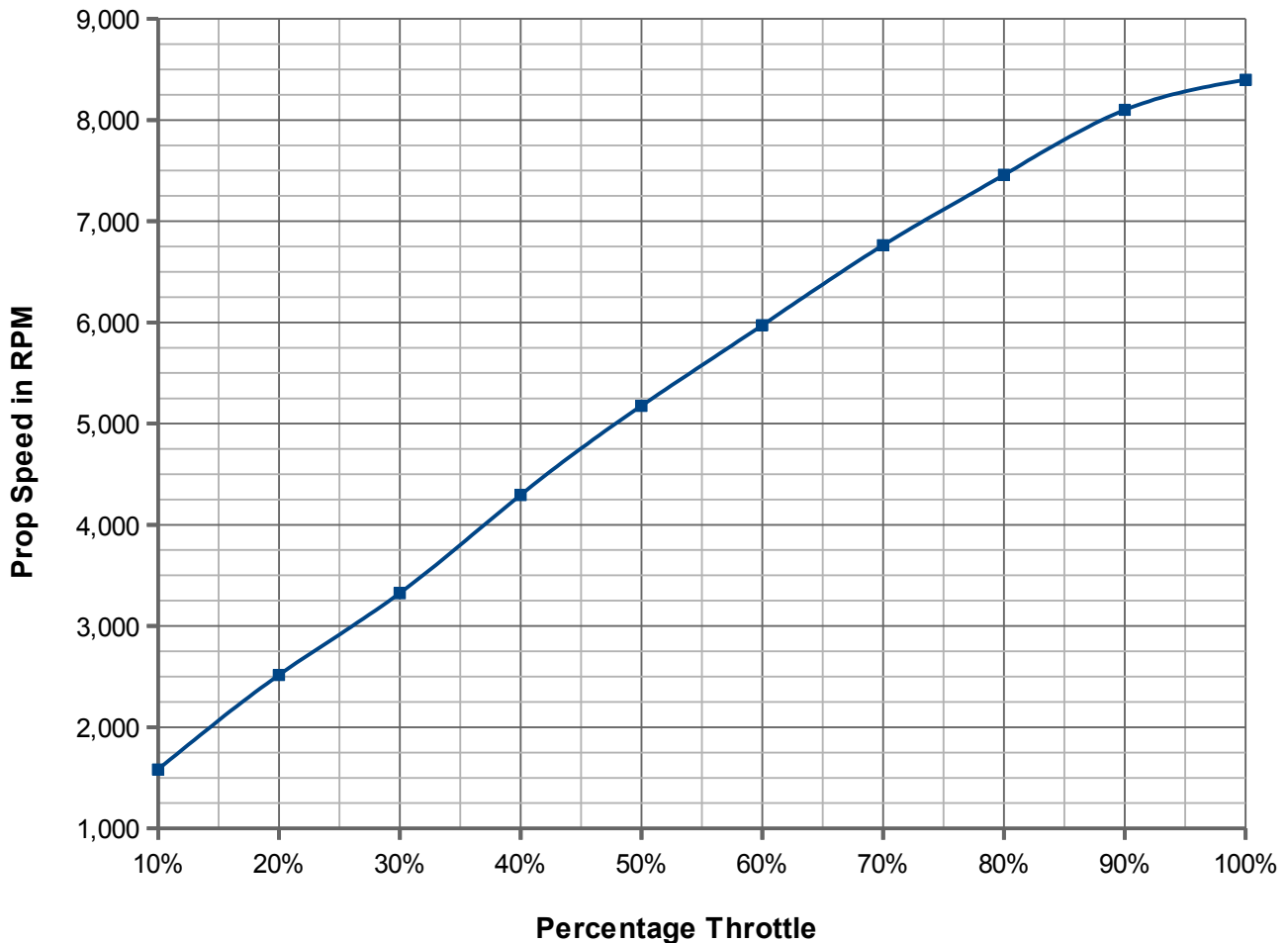
Motor Current vs Throttle Position



Cobra CM-2208/34 Motor Test Data, Kv=1200

Data Collected at 11.1 volts with GemFan 8x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
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90%	10.08	111.85	8,100	607.9	21.42	5.43
100%	11.53	128.03	8,398	658.8	23.22	5.15

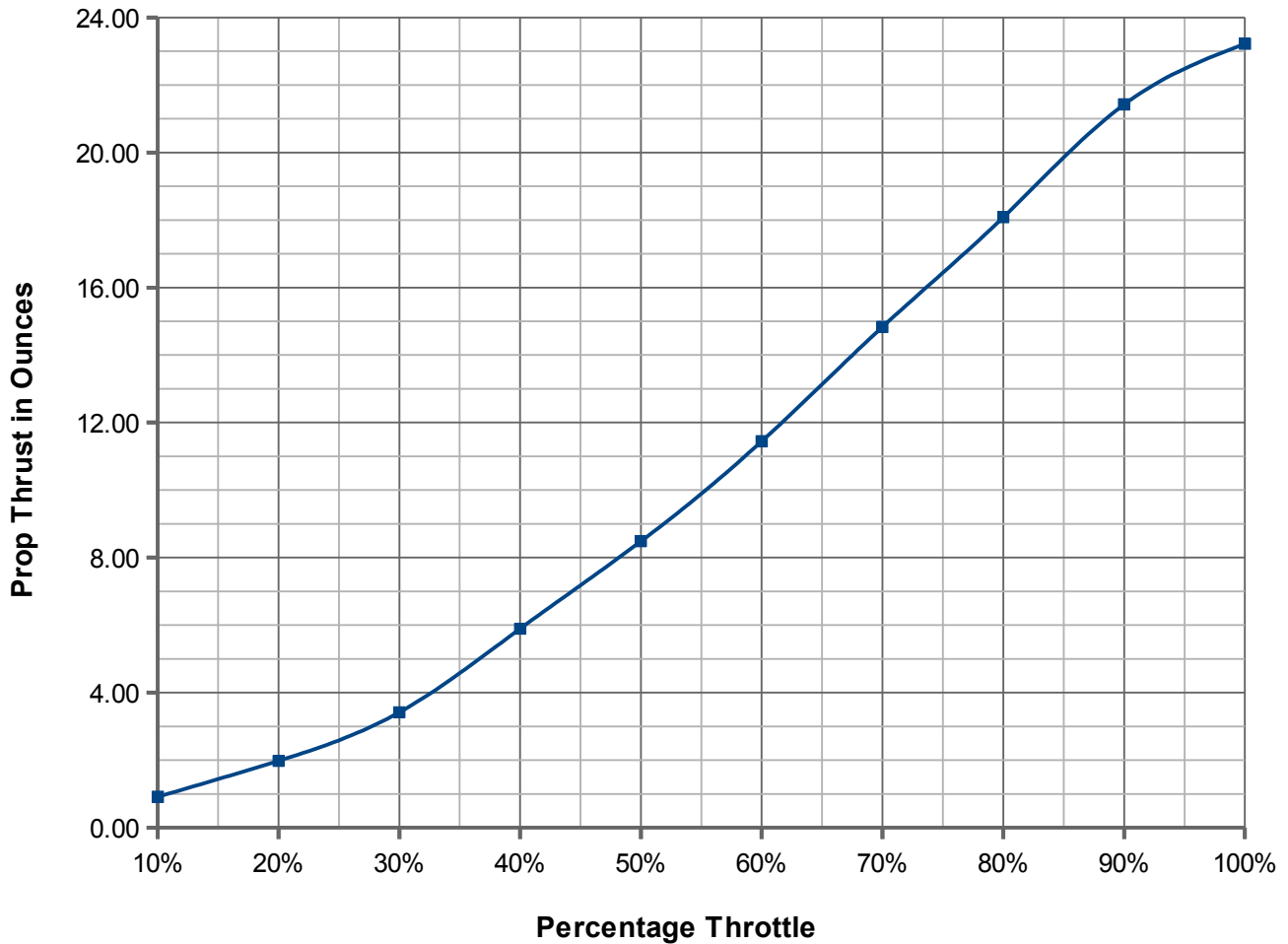
Propeller RPM vs Throttle Position



Cobra CM-2208/34 Motor Test Data, Kv=1200

Data Collected at 11.1 volts with GemFan 8x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.17	1.86	1,582	26.0	0.92	13.94
20%	0.42	4.68	2,516	56.2	1.98	12.00
30%	0.80	8.91	3,325	97.0	3.42	10.88
40%	1.57	17.42	4,295	167.2	5.89	9.60
50%	2.57	28.48	5,176	240.7	8.48	8.45
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80%	7.74	85.90	7,458	513.1	18.08	5.97
90%	10.08	111.85	8,100	607.9	21.42	5.43
100%	11.53	128.03	8,398	658.8	23.22	5.15

Propeller Thrust vs Throttle Position



Cobra CM-2208/34 Motor Test Data, Kv=1200

Data Collected at 11.1 volts with GemFan 8x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.17	1.86	1,582	26.0	0.92	13.94
20%	0.42	4.68	2,516	56.2	1.98	12.00
30%	0.80	8.91	3,325	97.0	3.42	10.88
40%	1.57	17.42	4,295	167.2	5.89	9.60
50%	2.57	28.48	5,176	240.7	8.48	8.45
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70%	5.67	62.88	6,763	420.9	14.83	6.69
80%	7.74	85.90	7,458	513.1	18.08	5.97
90%	10.08	111.85	8,100	607.9	21.42	5.43
100%	11.53	128.03	8,398	658.8	23.22	5.15

Propeller Efficiency vs Throttle Position

