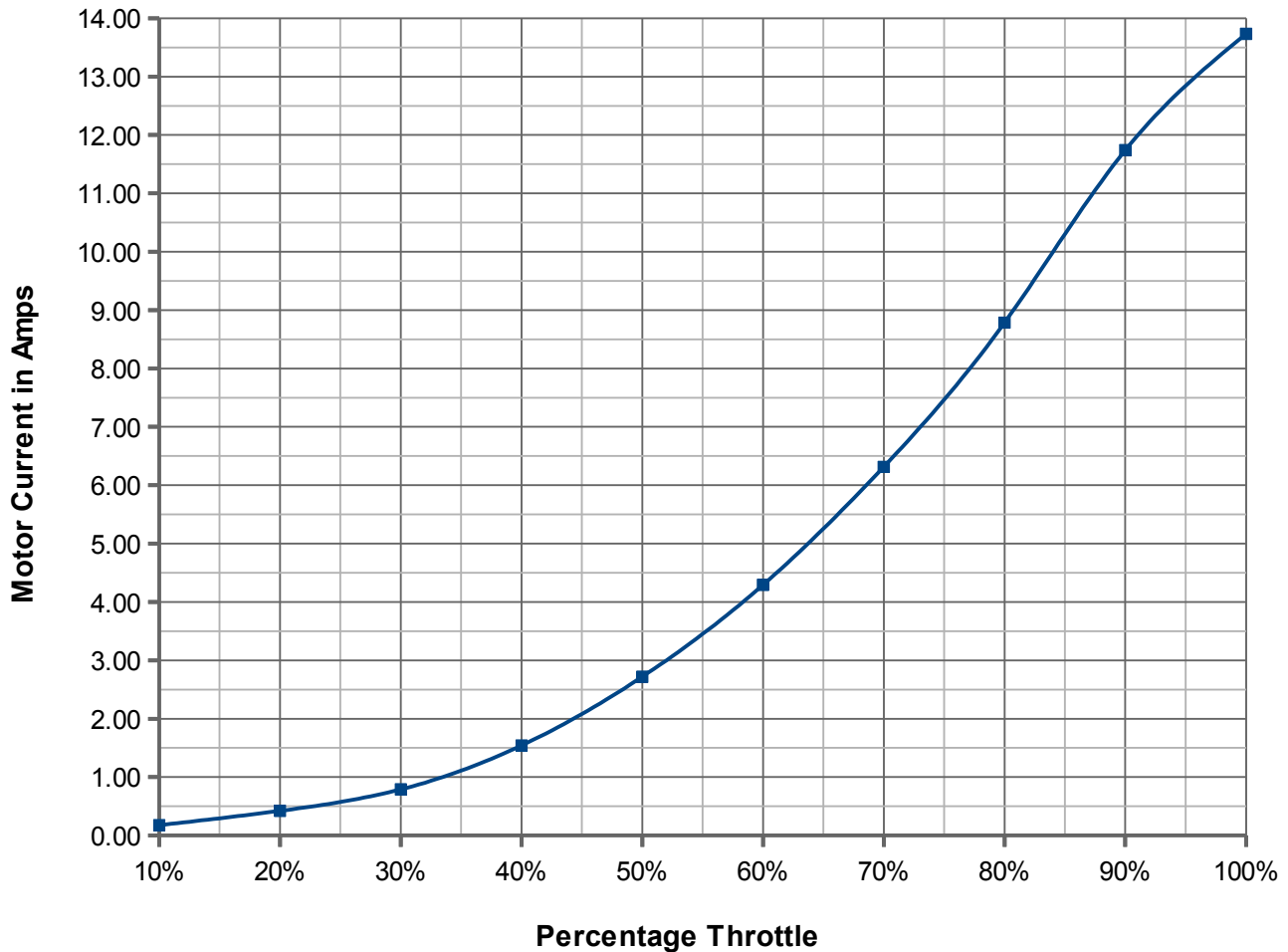


Cobra CM-2217-26 Motor Test Data, Kv=695

Data Collected at 14.8 volts with GemFan 11x4.7-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.18	2.60	1,372	38.7	1.36	14.86
20%	0.42	6.23	2,111	90.0	3.17	14.44
30%	0.79	11.68	2,719	155.6	5.48	13.33
40%	1.54	22.81	3,470	267.3	9.42	11.72
50%	2.72	40.24	4,217	408.0	14.38	10.14
60%	4.29	63.52	4,870	563.7	19.87	8.87
70%	6.32	93.46	5,481	734.1	25.87	7.85
80%	8.79	130.03	6,075	915.0	32.25	7.04
90%	11.74	173.77	6,604	1098.9	38.73	6.32
100%	13.73	203.25	6,930	1216.2	42.86	5.98

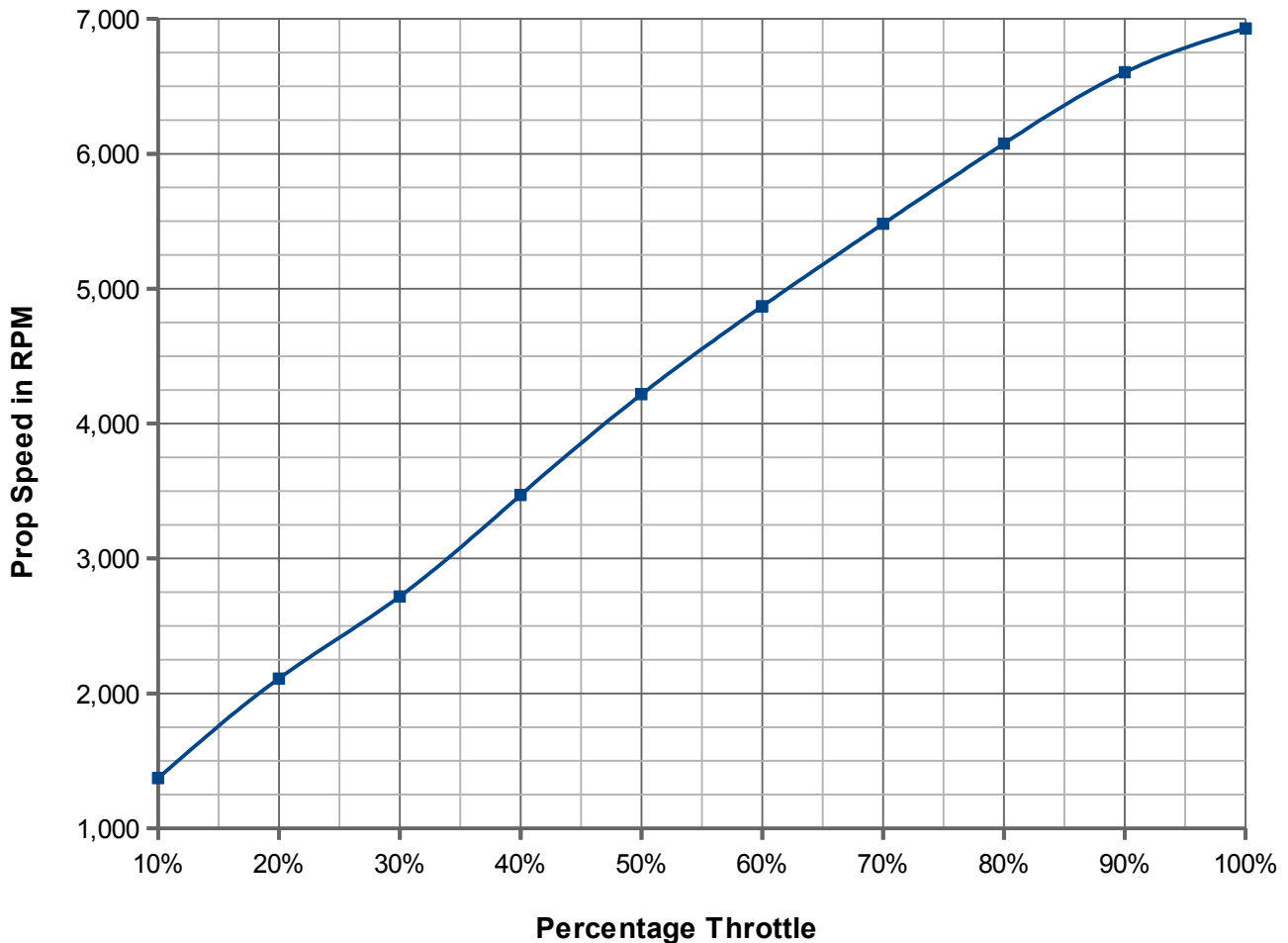
Motor Current vs Throttle Position



Cobra CM-2217-26 Motor Test Data, Kv=695

Data Collected at 14.8 volts with GemFan 11x4.7-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.18	2.60	1,372	38.7	1.36	14.86
20%	0.42	6.23	2,111	90.0	3.17	14.44
30%	0.79	11.68	2,719	155.6	5.48	13.33
40%	1.54	22.81	3,470	267.3	9.42	11.72
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80%	8.79	130.03	6,075	915.0	32.25	7.04
90%	11.74	173.77	6,604	1098.9	38.73	6.32
100%	13.73	203.25	6,930	1216.2	42.86	5.98

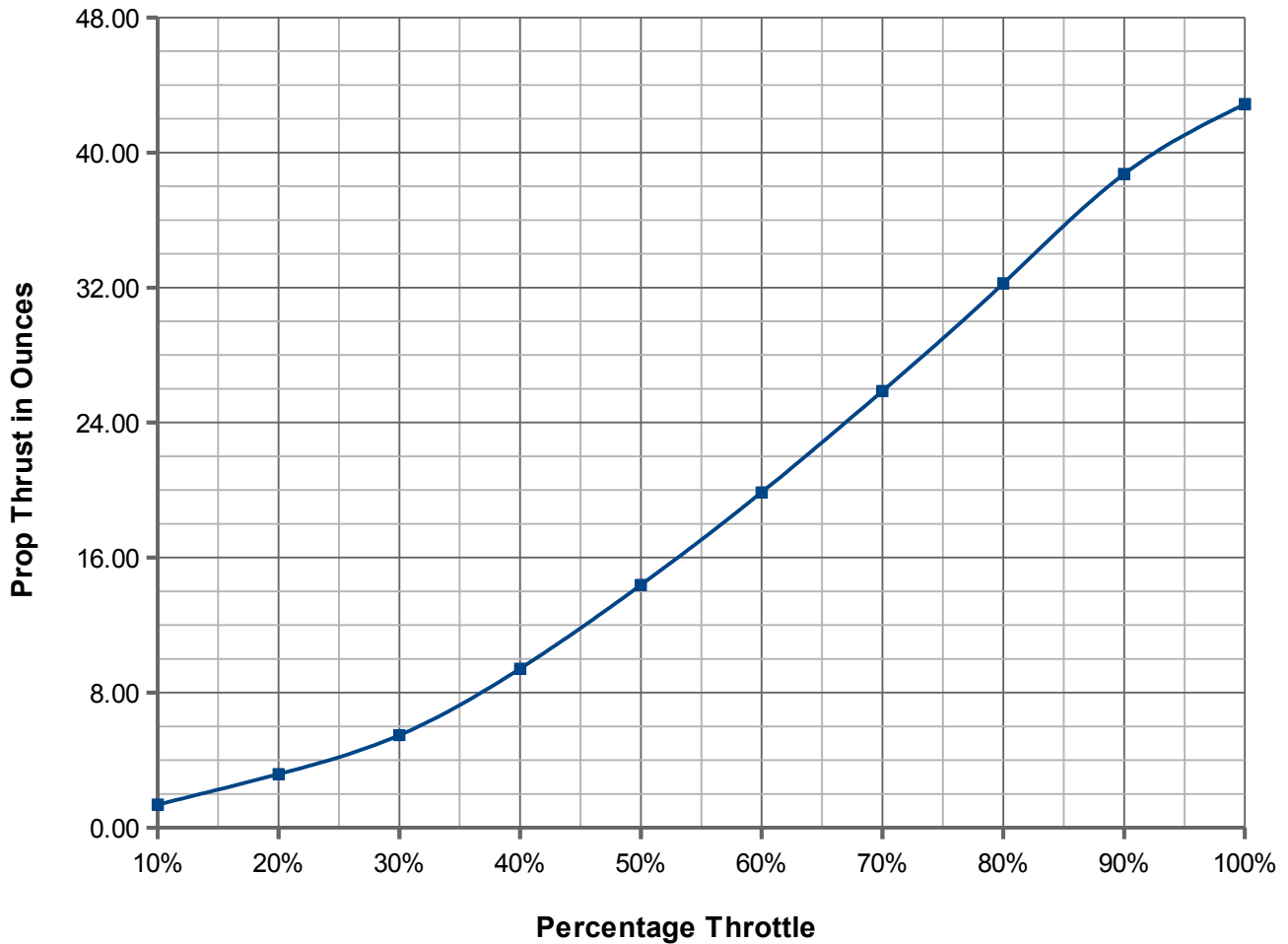
Propeller RPM vs Throttle Position



Cobra CM-2217-26 Motor Test Data, Kv=695

Data Collected at 14.8 volts with GemFan 11x4.7-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.18	2.60	1,372	38.7	1.36	14.86
20%	0.42	6.23	2,111	90.0	3.17	14.44
30%	0.79	11.68	2,719	155.6	5.48	13.33
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80%	8.79	130.03	6,075	915.0	32.25	7.04
90%	11.74	173.77	6,604	1098.9	38.73	6.32
100%	13.73	203.25	6,930	1216.2	42.86	5.98

Propeller Thrust vs Throttle Position



Cobra CM-2217-26 Motor Test Data, Kv=695

Data Collected at 14.8 volts with GemFan 11x4.7-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.18	2.60	1,372	38.7	1.36	14.86
20%	0.42	6.23	2,111	90.0	3.17	14.44
30%	0.79	11.68	2,719	155.6	5.48	13.33
40%	1.54	22.81	3,470	267.3	9.42	11.72
50%	2.72	40.24	4,217	408.0	14.38	10.14
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70%	6.32	93.46	5,481	734.1	25.87	7.85
80%	8.79	130.03	6,075	915.0	32.25	7.04
90%	11.74	173.77	6,604	1098.9	38.73	6.32
100%	13.73	203.25	6,930	1216.2	42.86	5.98

Propeller Efficiency vs Throttle Position

