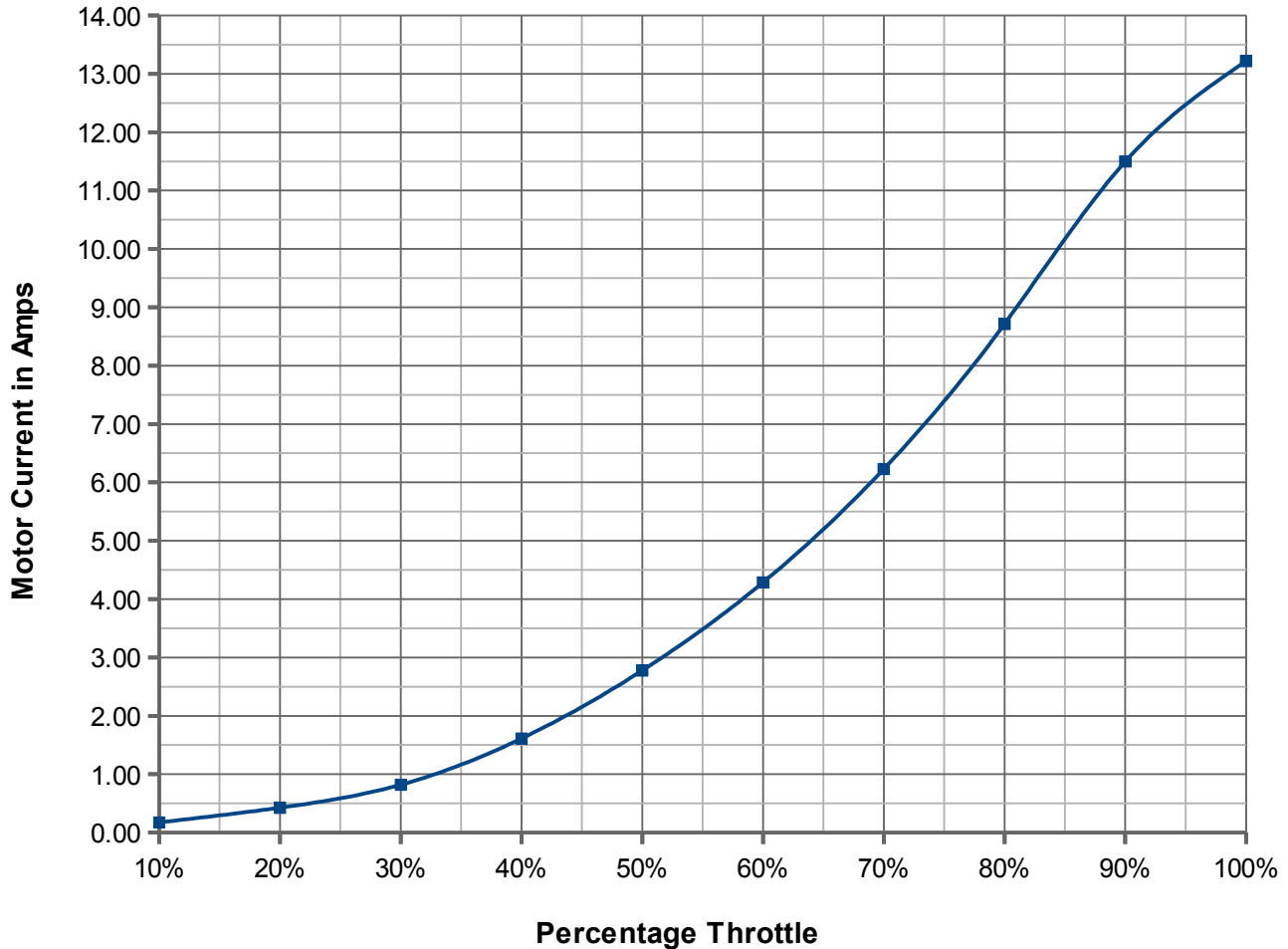


Cobra CM-2217-26 Motor Test Data, Kv=695

Data Collected at 14.8 volts with GemFan 12x4-MR Wood Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.18	2.59	1,334	31.8	1.12	12.28
20%	0.43	6.32	2,056	81.3	2.87	12.86
30%	0.82	12.14	2,675	149.8	5.28	12.34
40%	1.61	23.87	3,446	263.8	9.30	11.05
50%	2.78	41.11	4,196	401.2	14.14	9.76
60%	4.29	63.42	4,871	559.8	19.73	8.83
70%	6.23	92.19	5,508	733.2	25.84	7.95
80%	8.72	129.00	6,125	930.7	32.80	7.21
90%	11.50	170.19	6,696	1117.8	39.39	6.57
100%	13.22	195.66	7,005	1218.3	42.94	6.23

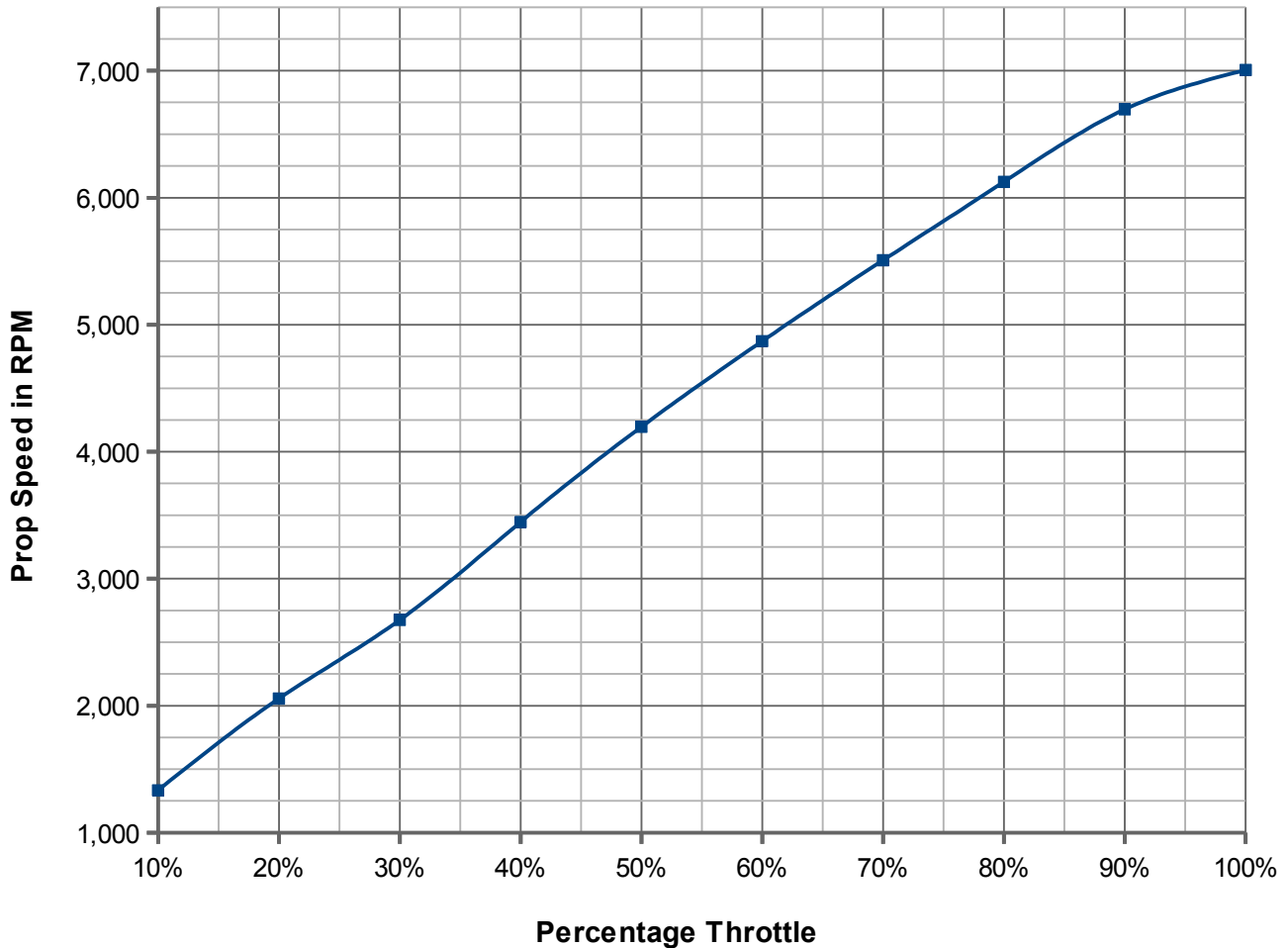
Motor Current vs Throttle Position



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

Data Collected at 14.8 volts with GemFan 12x4-MR Wood Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.18	2.59	1,334	31.8	1.12	12.28
20%	0.43	6.32	2,056	81.3	2.87	12.86
30%	0.82	12.14	2,675	149.8	5.28	12.34
40%	1.61	23.87	3,446	263.8	9.30	11.05
50%	2.78	41.11	4,196	401.2	14.14	9.76
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70%	6.23	92.19	5,508	733.2	25.84	7.95
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90%	11.50	170.19	6,696	1117.8	39.39	6.57
100%	13.22	195.66	7,005	1218.3	42.94	6.23

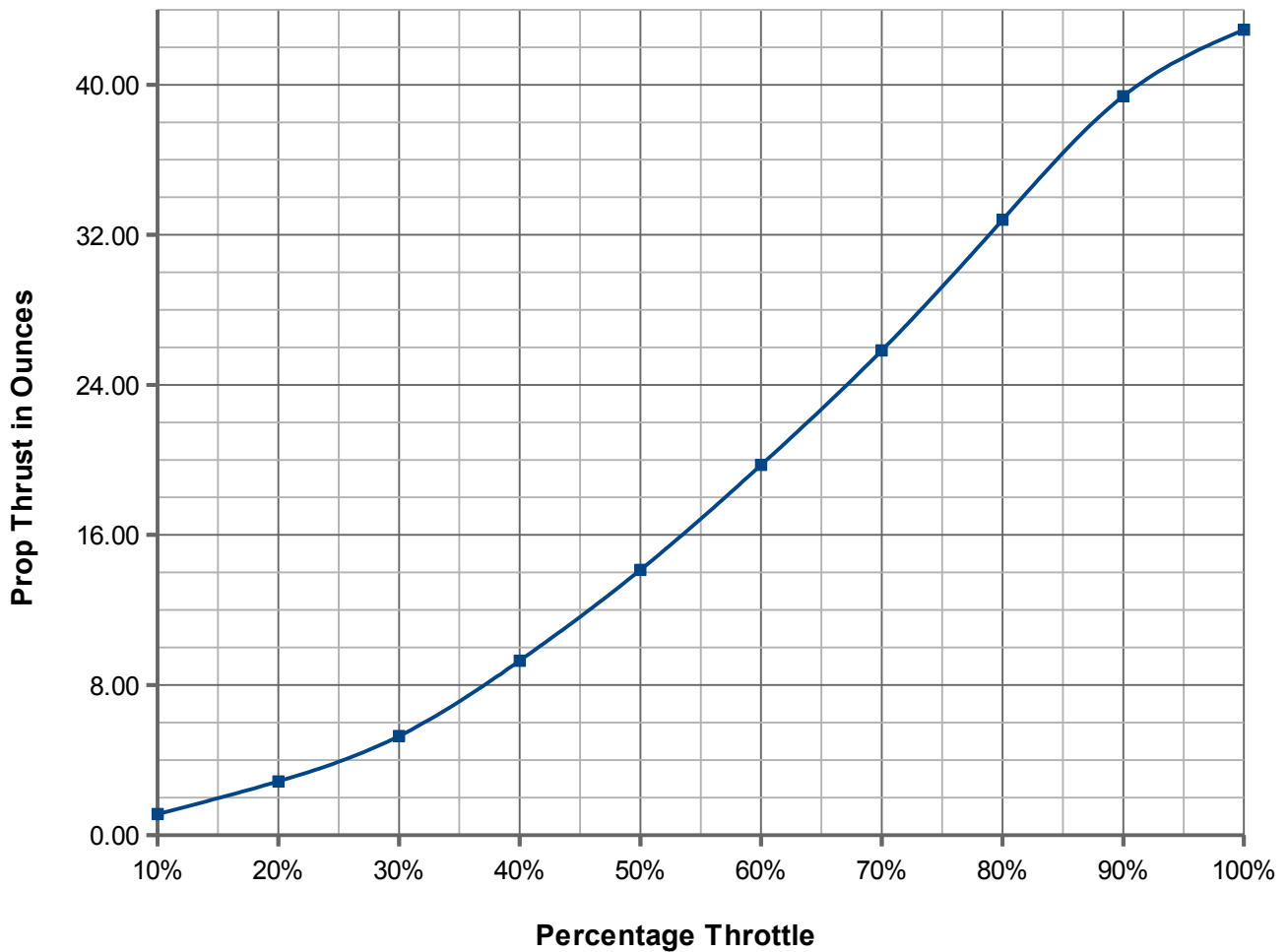
Propeller RPM vs Throttle Position



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

Data Collected at 14.8 volts with GemFan 12x4-MR Wood Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.18	2.59	1,334	31.8	1.12	12.28
20%	0.43	6.32	2,056	81.3	2.87	12.86
30%	0.82	12.14	2,675	149.8	5.28	12.34
40%	1.61	23.87	3,446	263.8	9.30	11.05
50%	2.78	41.11	4,196	401.2	14.14	9.76
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70%	6.23	92.19	5,508	733.2	25.84	7.95
80%	8.72	129.00	6,125	930.7	32.80	7.21
90%	11.50	170.19	6,696	1117.8	39.39	6.57
100%	13.22	195.66	7,005	1218.3	42.94	6.23

Propeller Thrust vs Throttle Position



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

Data Collected at 14.8 volts with GemFan 12x4-MR Wood Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.18	2.59	1,334	31.8	1.12	12.28
20%	0.43	6.32	2,056	81.3	2.87	12.86
30%	0.82	12.14	2,675	149.8	5.28	12.34
40%	1.61	23.87	3,446	263.8	9.30	11.05
50%	2.78	41.11	4,196	401.2	14.14	9.76
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70%	6.23	92.19	5,508	733.2	25.84	7.95
80%	8.72	129.00	6,125	930.7	32.80	7.21
90%	11.50	170.19	6,696	1117.8	39.39	6.57
100%	13.22	195.66	7,005	1218.3	42.94	6.23

Propeller Efficiency vs Throttle Position

