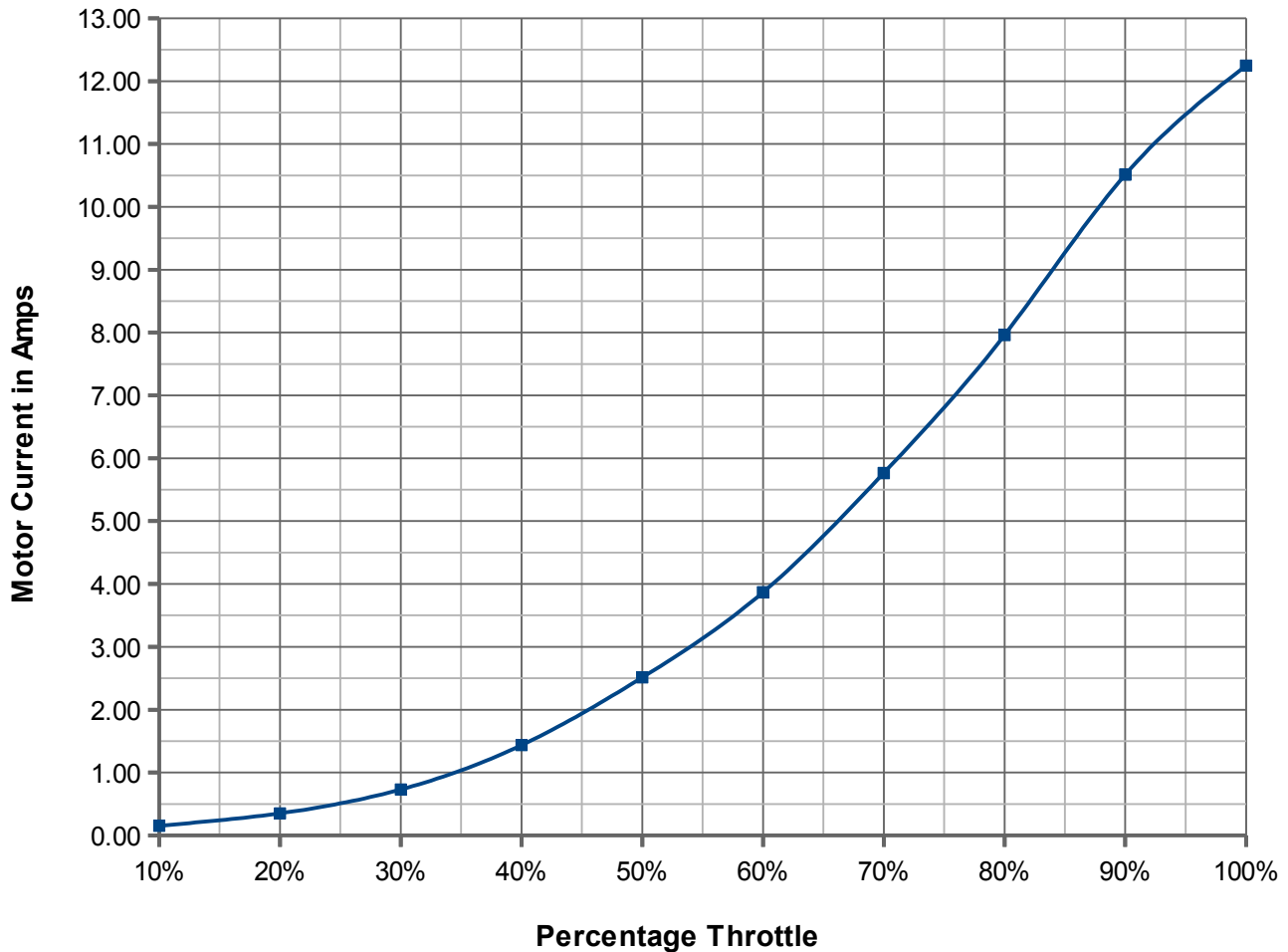


Cobra CM-2217-26 Motor Test Data, Kv=695

Data Collected at 11.1 volts with GemFan 14x4.5-MR Wood Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.15	1.71	827	28.7	1.01	16.79
20%	0.35	3.91	1,370	62.9	2.22	16.10
30%	0.73	8.11	1,882	119.3	4.20	14.70
40%	1.44	15.94	2,450	212.8	7.50	13.35
50%	2.51	27.89	2,995	335.5	11.82	12.03
60%	3.87	42.92	3,515	458.6	16.16	10.68
70%	5.77	63.99	3,983	618.9	21.81	9.67
80%	7.96	88.38	4,428	775.6	27.33	8.78
90%	10.51	116.68	4,840	929.4	32.75	7.97
100%	12.25	135.93	5,075	1031.9	36.37	7.59

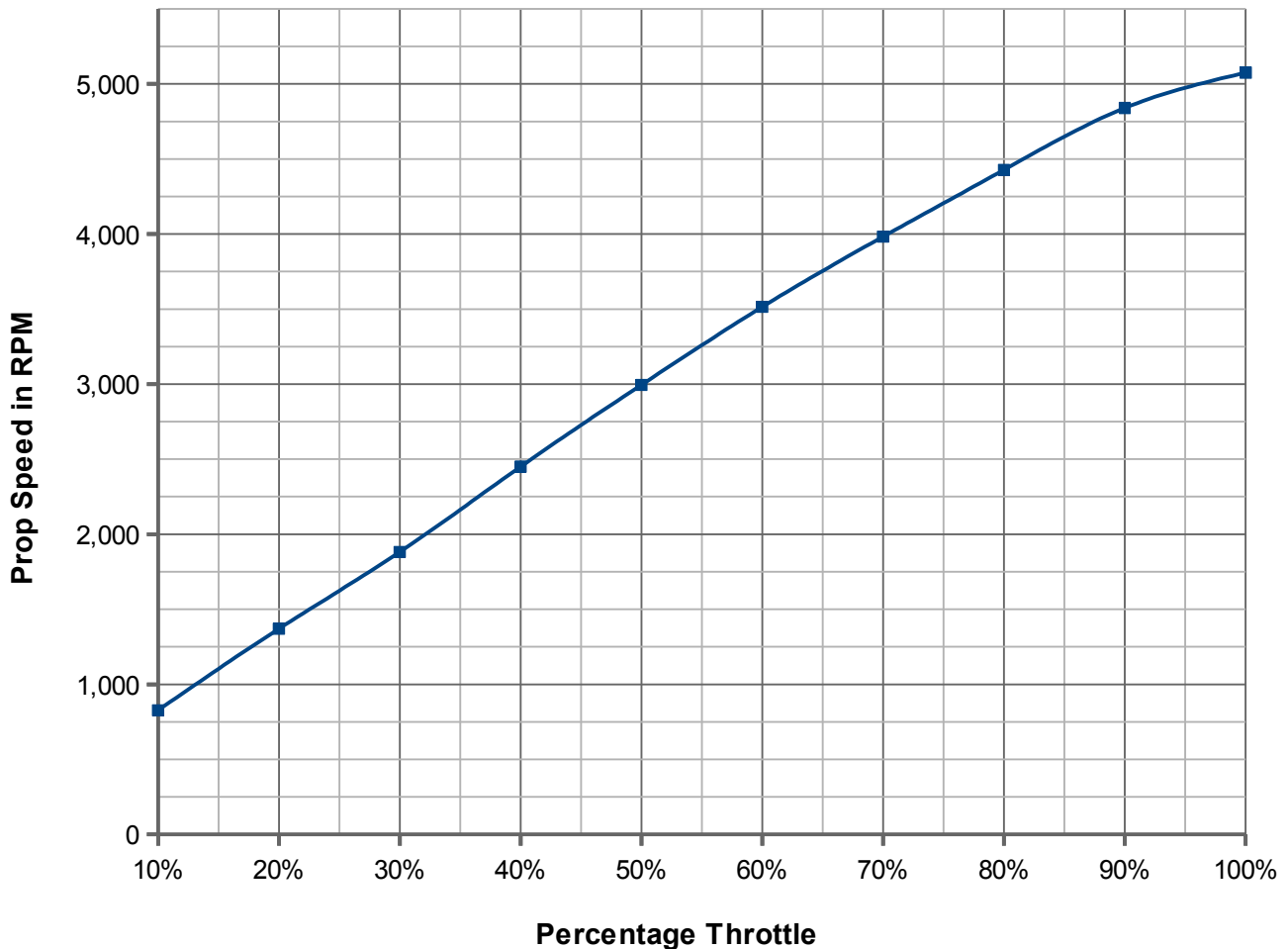
Motor Current vs Throttle Position



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

Data Collected at 11.1 volts with GemFan 14x4.5-MR Wood Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
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100%	12.25	135.93	5,075	1031.9	36.37	7.59

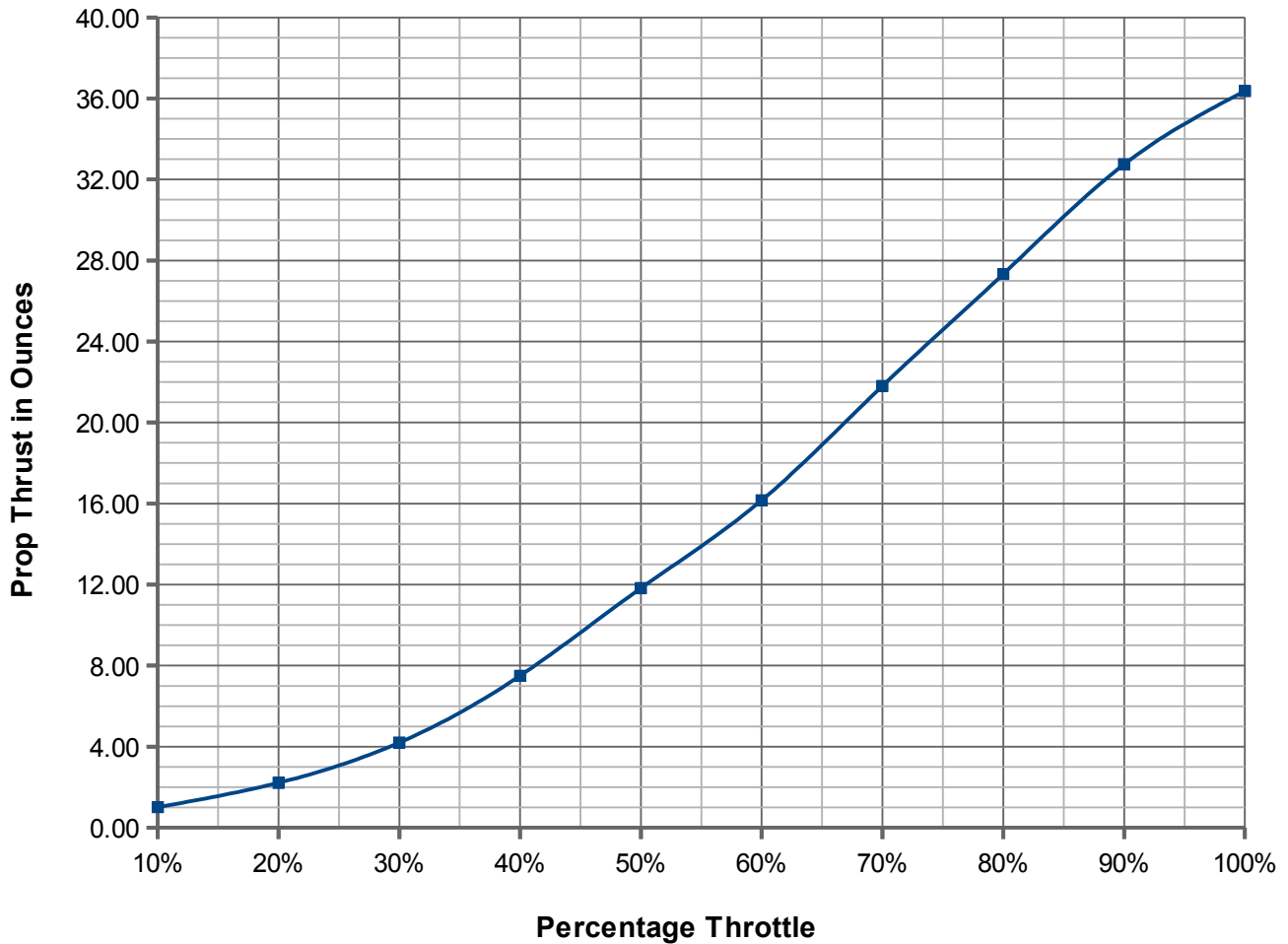
Propeller RPM vs Throttle Position



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

Data Collected at 11.1 volts with GemFan 14x4.5-MR Wood Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
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20%	0.35	3.91	1,370	62.9	2.22	16.10
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80%	7.96	88.38	4,428	775.6	27.33	8.78
90%	10.51	116.68	4,840	929.4	32.75	7.97
100%	12.25	135.93	5,075	1031.9	36.37	7.59

Propeller Thrust vs Throttle Position



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

Data Collected at 11.1 volts with GemFan 14x4.5-MR Wood Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
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20%	0.35	3.91	1,370	62.9	2.22	16.10
30%	0.73	8.11	1,882	119.3	4.20	14.70
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90%	10.51	116.68	4,840	929.4	32.75	7.97
100%	12.25	135.93	5,075	1031.9	36.37	7.59

Propeller Efficiency vs Throttle Position

