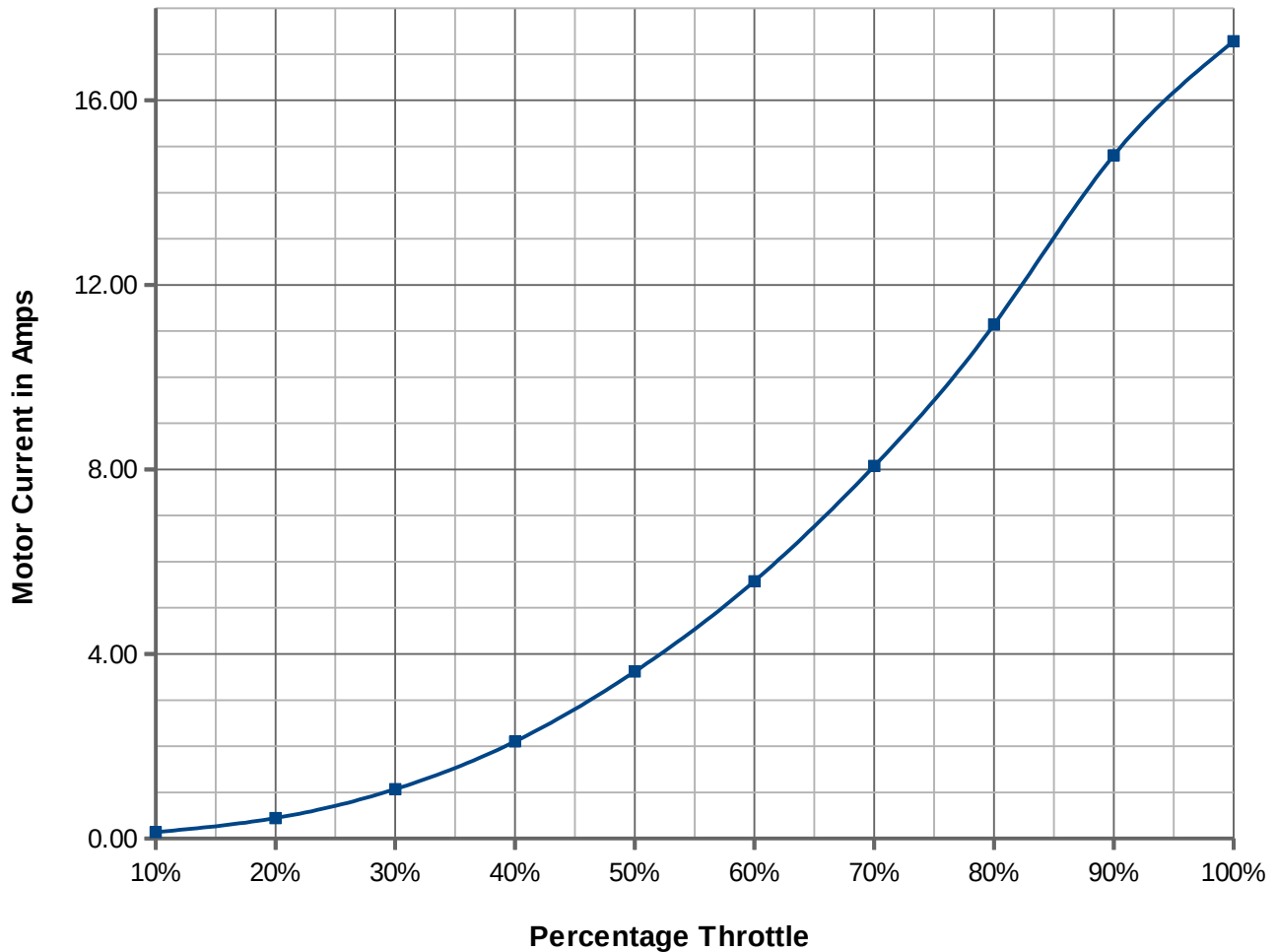


Cobra CM-3515-34 Motor Test Data, Kv=385

Data Collected at 22.2 volts with GemFan 16x4.5-MR Wood Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.14	3.06	898	40.7	1.43	13.29
20%	0.44	9.83	1,636	141.5	4.99	14.39
30%	1.07	23.75	2,346	323.8	11.41	13.63
40%	2.10	46.69	3,023	556.6	19.62	11.92
50%	3.62	80.32	3,641	841.0	29.64	10.47
60%	5.58	123.83	4,244	1136.3	40.05	9.18
70%	8.07	179.24	4,805	1485.1	52.34	8.29
80%	11.14	247.31	5,358	1822.0	64.21	7.37
90%	14.81	328.78	5,862	2192.1	77.25	6.67
100%	17.28	383.62	6,138	2422.6	85.38	6.32

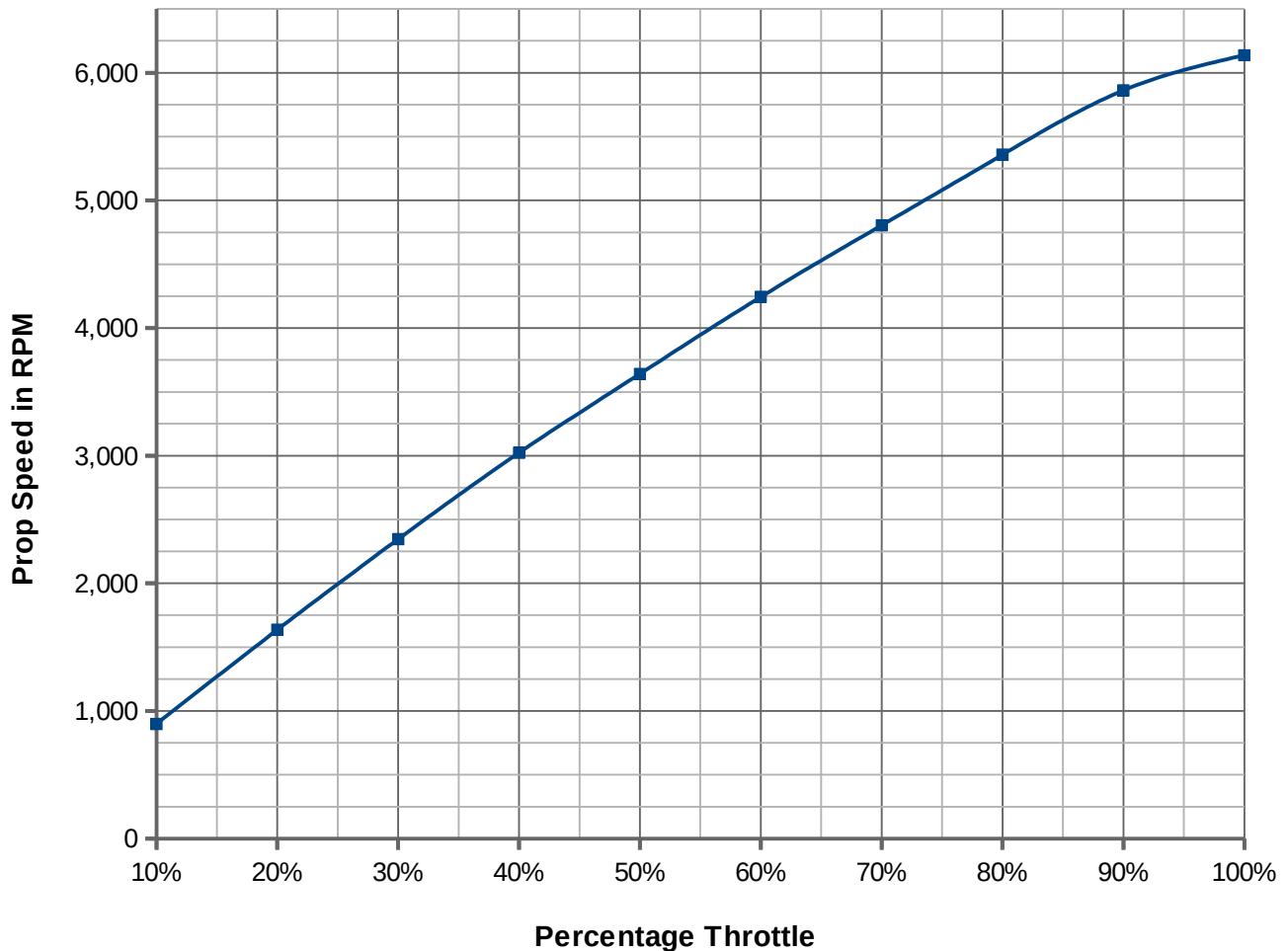
Motor Current vs Throttle Position



Cobra CM-3515-34 Motor Test Data, Kv=385

Data Collected at 22.2 volts with GemFan 16x4.5-MR Wood Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
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100%	17.28	383.62	6,138	2422.6	85.38	6.32

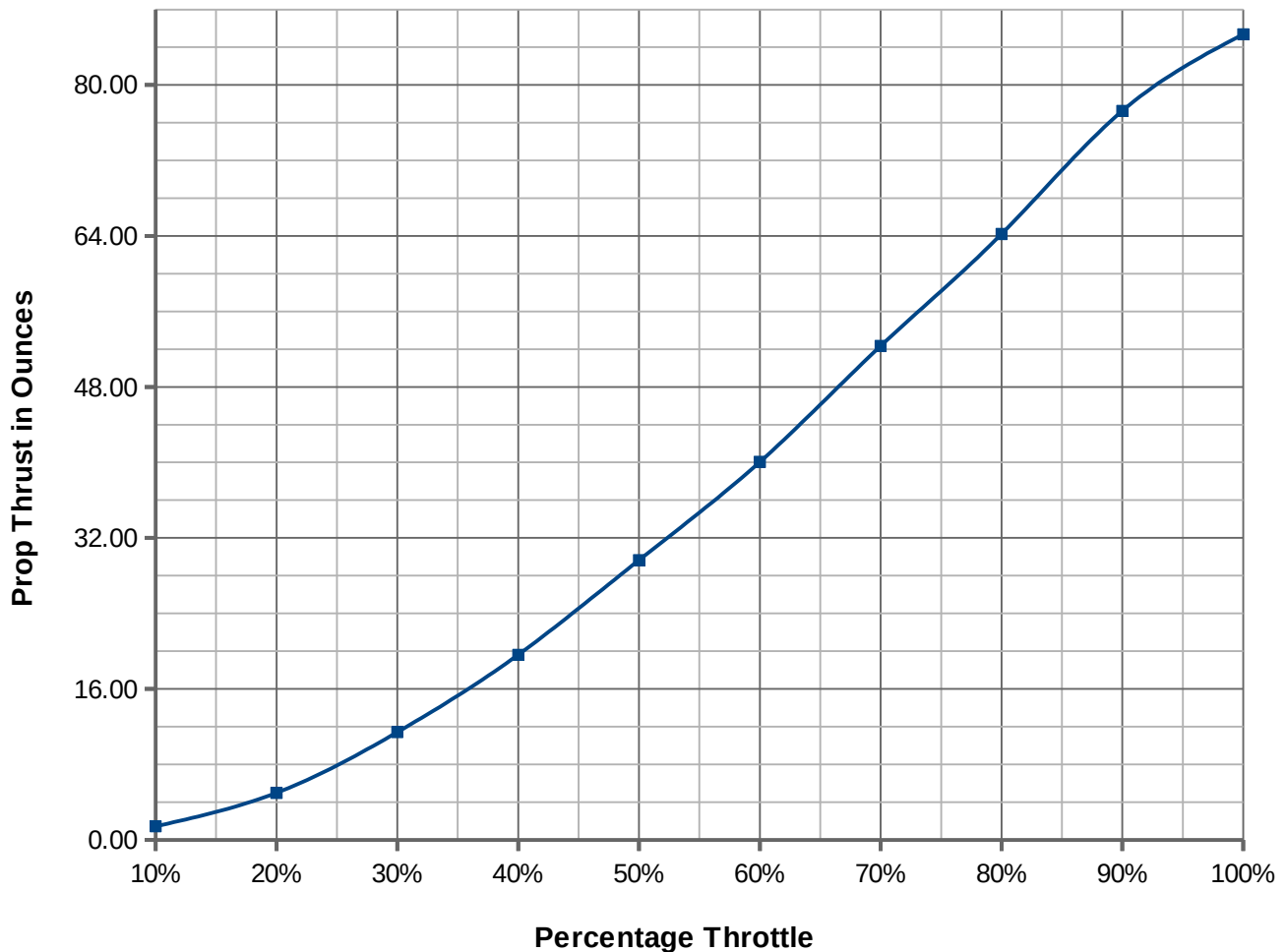
Propeller RPM vs Throttle Position



Cobra CM-3515-34 Motor Test Data, Kv=385

Data Collected at 22.2 volts with GemFan 16x4.5-MR Wood Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
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20%	0.44	9.83	1,636	141.5	4.99	14.39
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90%	14.81	328.78	5,862	2192.1	77.25	6.67
100%	17.28	383.62	6,138	2422.6	85.38	6.32

Propeller Thrust vs Throttle Position



Cobra CM-3515-34 Motor Test Data, Kv=385

Data Collected at 22.2 volts with GemFan 16x4.5-MR Wood Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
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20%	0.44	9.83	1,636	141.5	4.99	14.39
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100%	17.28	383.62	6,138	2422.6	85.38	6.32

Propeller Efficiency vs Throttle Position

