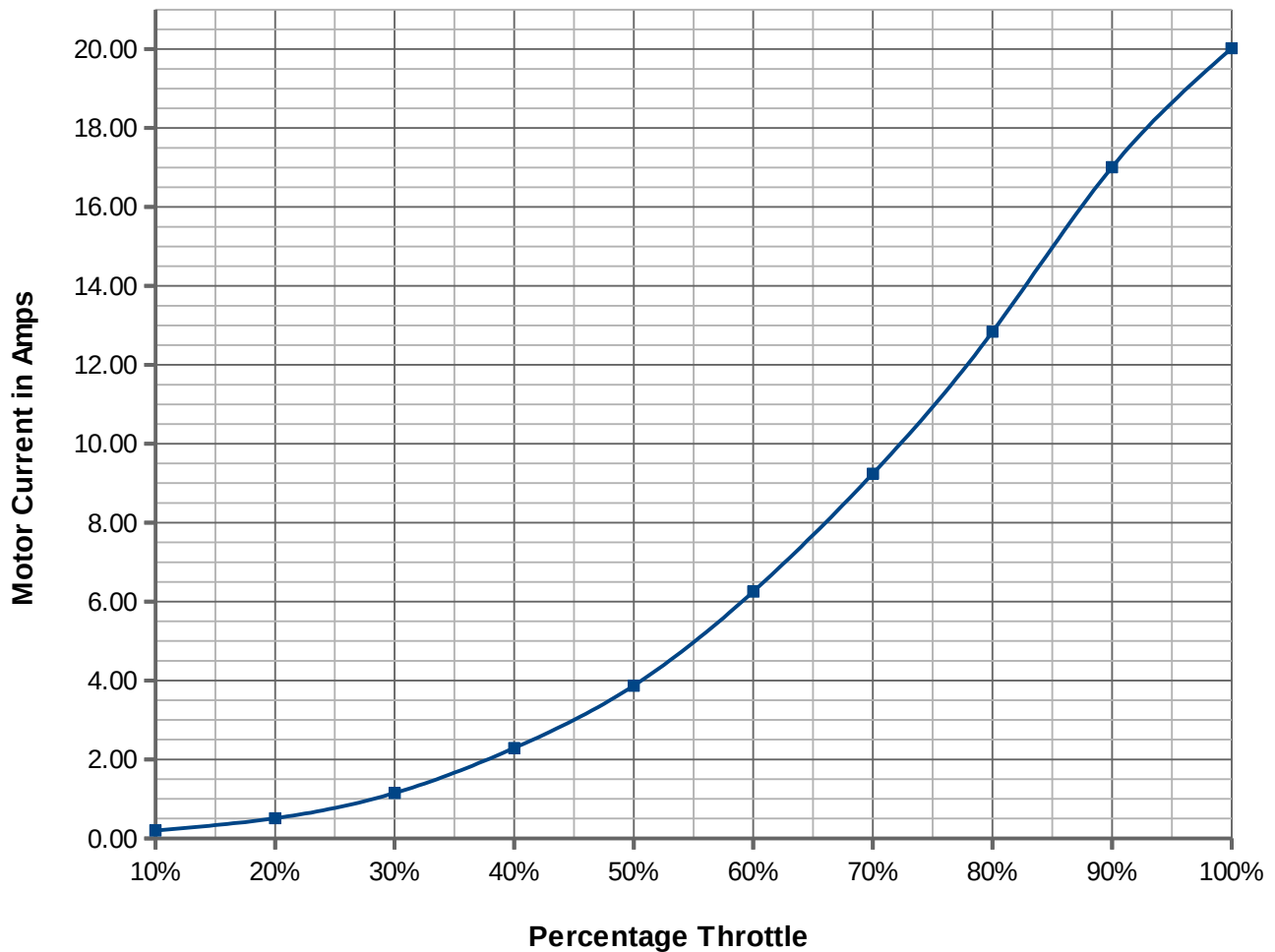


Cobra CM-4008/24 Motor Test Data, Kv=600

Data Collected at 14.8 volts with GemFan 14x4.5-MR Wood Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.20	2.99	1,064	42.7	1.50	14.28
20%	0.51	7.55	1,742	104.7	3.69	13.87
30%	1.15	16.99	2,498	218.5	7.70	12.86
40%	2.29	33.86	3,235	391.7	13.80	11.57
50%	3.87	57.29	3,939	582.5	20.53	10.17
60%	6.26	92.57	4,621	841.4	29.65	9.09
70%	9.24	136.78	5,249	1103.1	38.88	8.06
80%	12.84	190.00	5,881	1378.8	48.59	7.26
90%	17.01	251.73	6,449	1655.4	58.34	6.58
100%	20.02	296.31	6,776	1843.6	64.97	6.22

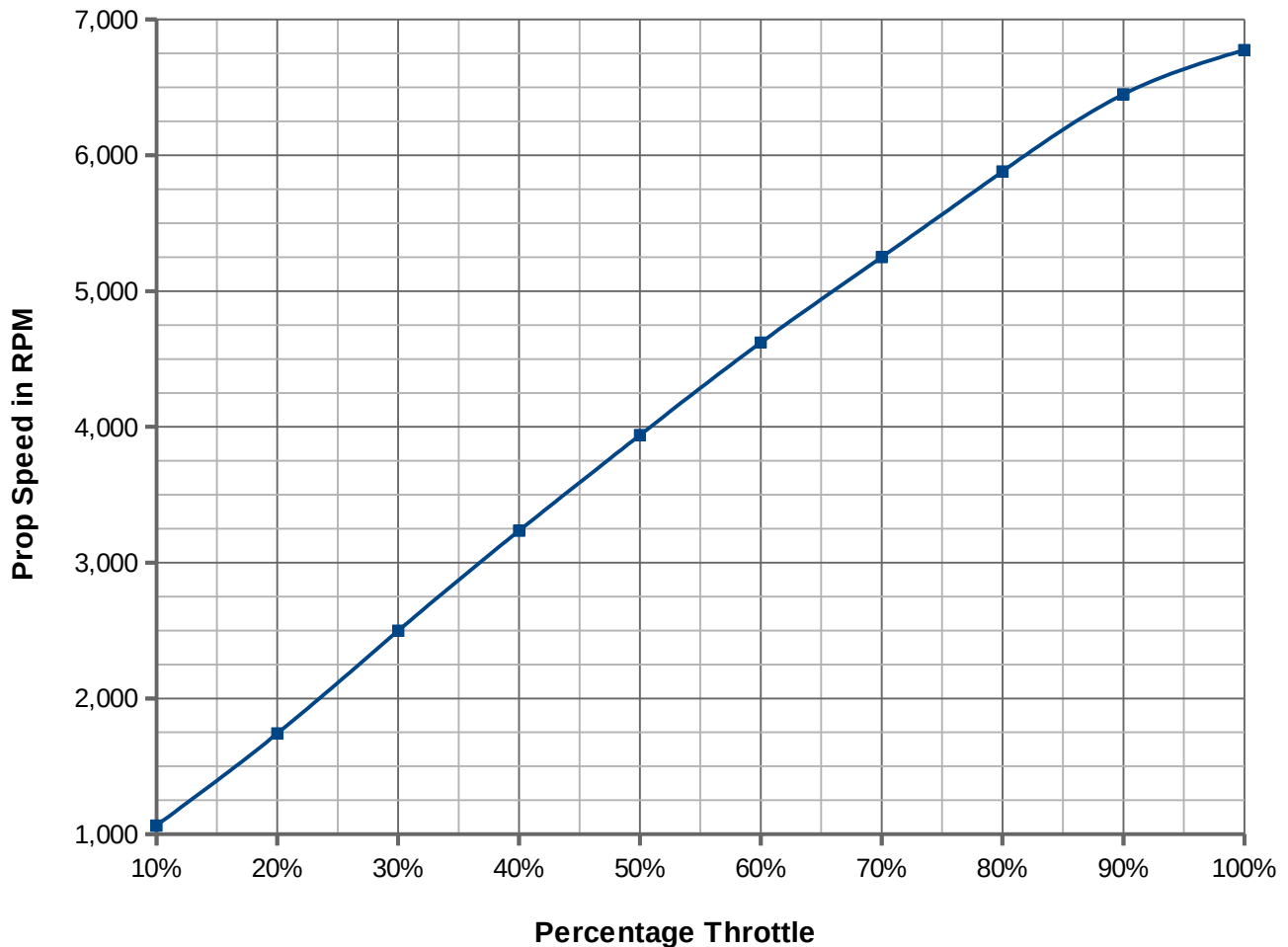
Motor Current vs Throttle Position



Cobra CM-4008/24 Motor Test Data, Kv=600

Data Collected at 14.8 volts with GemFan 14x4.5-MR Wood Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.20	2.99	1,064	42.7	1.50	14.28
20%	0.51	7.55	1,742	104.7	3.69	13.87
30%	1.15	16.99	2,498	218.5	7.70	12.86
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100%	20.02	296.31	6,776	1843.6	64.97	6.22

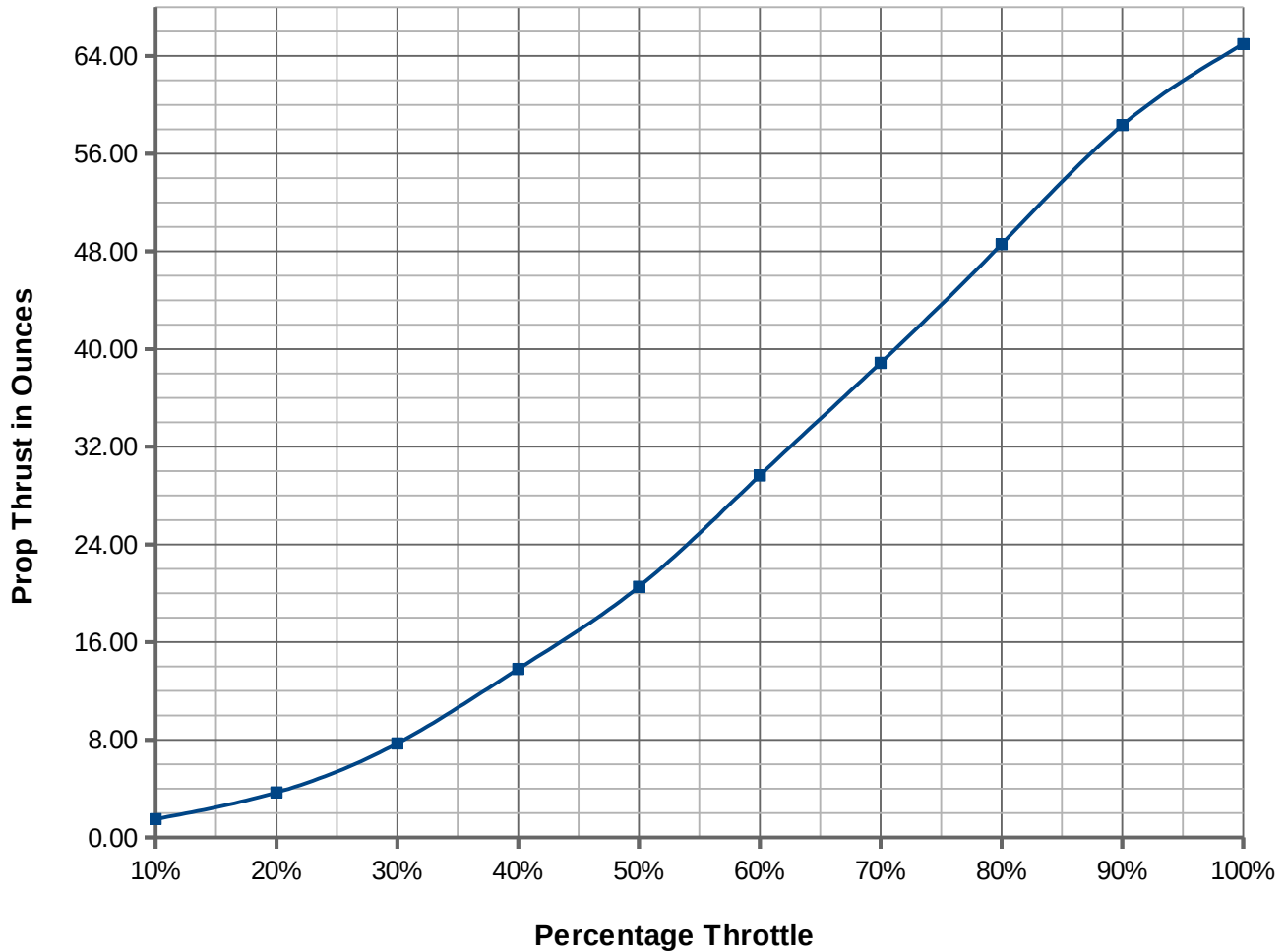
Propeller RPM vs Throttle Position



Cobra CM-4008/24 Motor Test Data, Kv=600

Data Collected at 14.8 volts with GemFan 14x4.5-MR Wood Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.20	2.99	1,064	42.7	1.50	14.28
20%	0.51	7.55	1,742	104.7	3.69	13.87
30%	1.15	16.99	2,498	218.5	7.70	12.86
40%	2.29	33.86	3,235	391.7	13.80	11.57
50%	3.87	57.29	3,939	582.5	20.53	10.17
60%	6.26	92.57	4,621	841.4	29.65	9.09
70%	9.24	136.78	5,249	1103.1	38.88	8.06
80%	12.84	190.00	5,881	1378.8	48.59	7.26
90%	17.01	251.73	6,449	1655.4	58.34	6.58
100%	20.02	296.31	6,776	1843.6	64.97	6.22

Propeller Thrust vs Throttle Position



Cobra CM-4008/24 Motor Test Data, Kv=600

Data Collected at 14.8 volts with GemFan 14x4.5-MR Wood Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.20	2.99	1,064	42.7	1.50	14.28
20%	0.51	7.55	1,742	104.7	3.69	13.87
30%	1.15	16.99	2,498	218.5	7.70	12.86
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70%	9.24	136.78	5,249	1103.1	38.88	8.06
80%	12.84	190.00	5,881	1378.8	48.59	7.26
90%	17.01	251.73	6,449	1655.4	58.34	6.58
100%	20.02	296.31	6,776	1843.6	64.97	6.22

Propeller Efficiency vs Throttle Position

