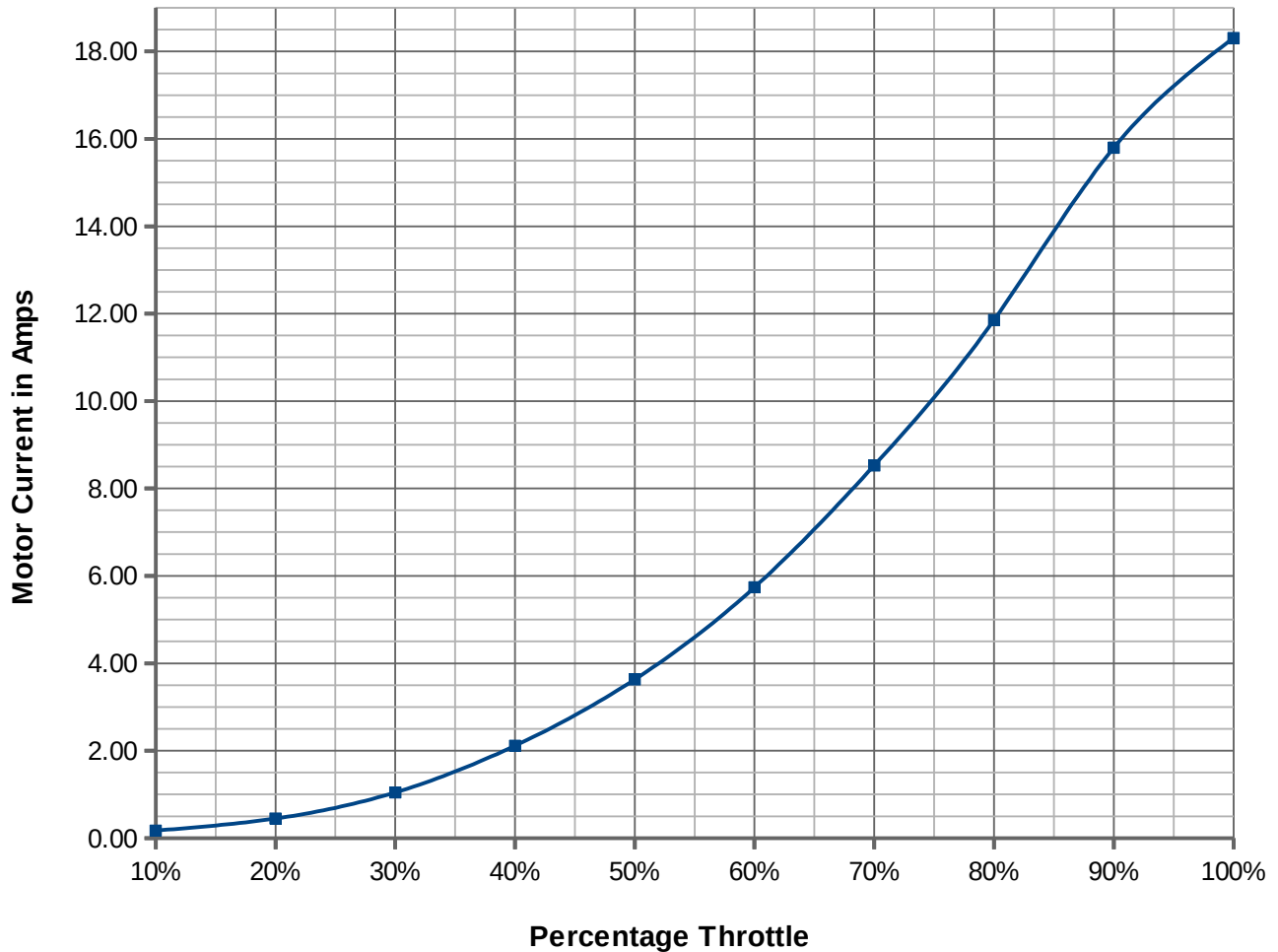


Cobra CM-4008/24 Motor Test Data, Kv=600

Data Collected at 11.1 volts with GemFan 16x4.5-MR Wood Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.17	1.92	672	21.5	0.76	11.20
20%	0.45	4.98	1,200	72.3	2.55	14.51
30%	1.05	11.61	1,786	169.1	5.96	14.56
40%	2.11	23.47	2,342	308.8	10.88	13.16
50%	3.63	40.30	2,860	477.6	16.83	11.85
60%	5.74	63.70	3,376	679.1	23.93	10.66
70%	8.53	94.66	3,857	901.5	31.77	9.52
80%	11.86	131.61	4,302	1120.5	39.49	8.51
90%	15.80	175.36	4,705	1368.1	48.21	7.80
100%	18.31	203.22	4,939	1493.8	52.64	7.35

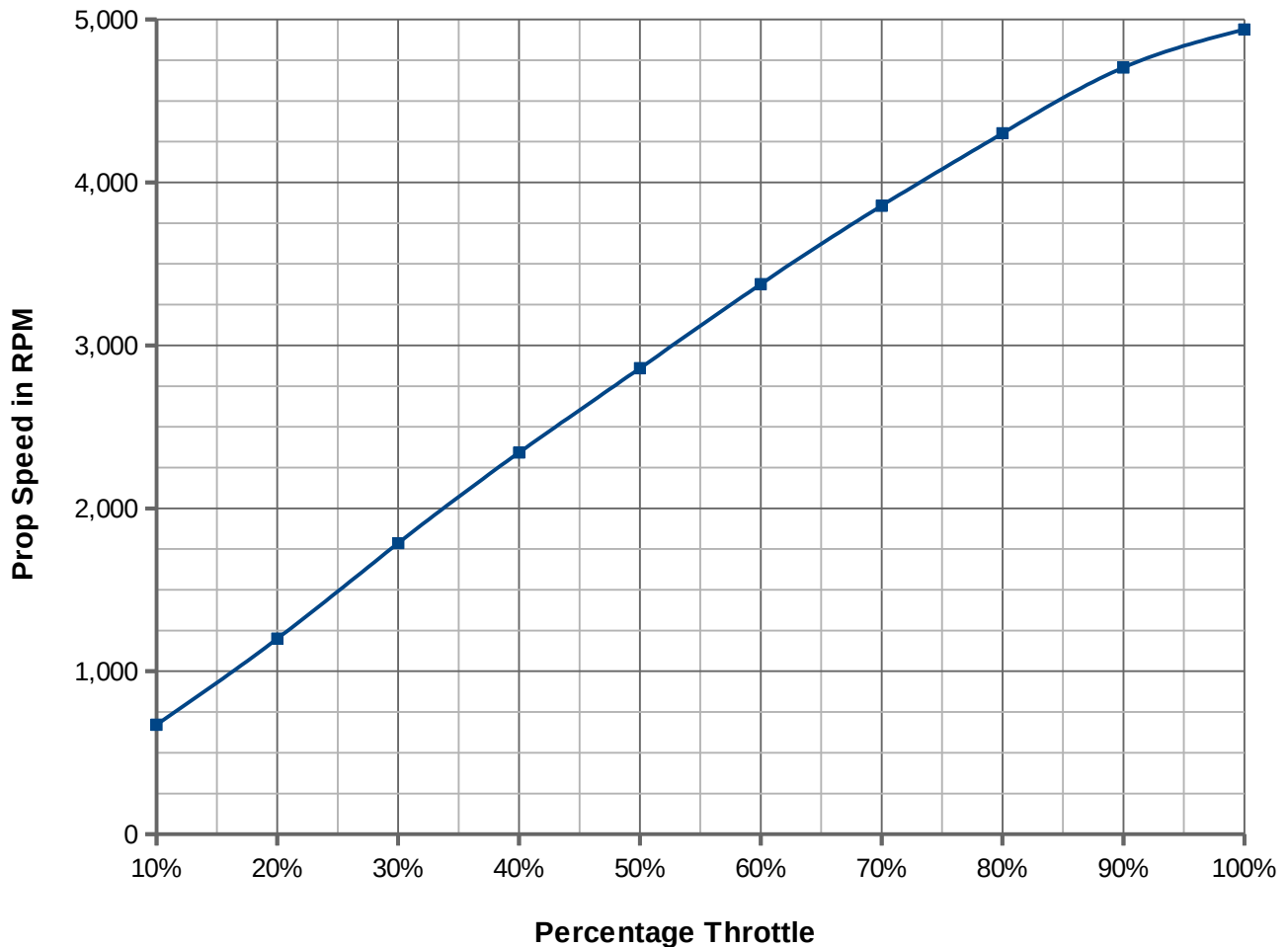
Motor Current vs Throttle Position



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

Data Collected at 11.1 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%	0.45	4.98	1,200	72.3	2.55	14.51
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100%	18.31	203.22	4,939	1493.8	52.64	7.35

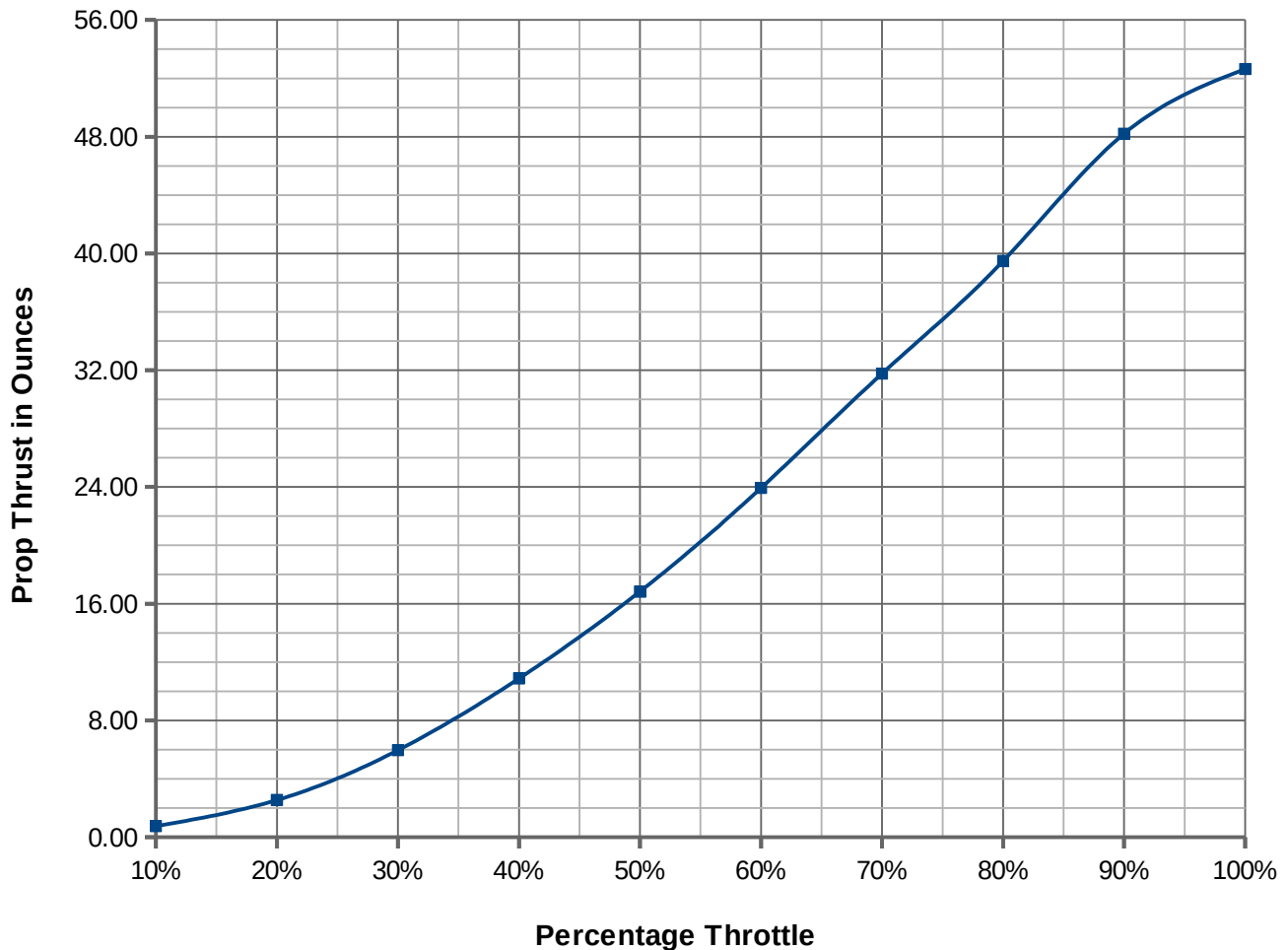
Propeller RPM vs Throttle Position



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

Data Collected at 11.1 volts with GemFan 16x4.5-MR Wood Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.17	1.92	672	21.5	0.76	11.20
20%	0.45	4.98	1,200	72.3	2.55	14.51
30%	1.05	11.61	1,786	169.1	5.96	14.56
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80%	11.86	131.61	4,302	1120.5	39.49	8.51
90%	15.80	175.36	4,705	1368.1	48.21	7.80
100%	18.31	203.22	4,939	1493.8	52.64	7.35

Propeller Thrust vs Throttle Position



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

Data Collected at 11.1 volts with GemFan 16x4.5-MR Wood Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.17	1.92	672	21.5	0.76	11.20
20%	0.45	4.98	1,200	72.3	2.55	14.51
30%	1.05	11.61	1,786	169.1	5.96	14.56
40%	2.11	23.47	2,342	308.8	10.88	13.16
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80%	11.86	131.61	4,302	1120.5	39.49	8.51
90%	15.80	175.36	4,705	1368.1	48.21	7.80
100%	18.31	203.22	4,939	1493.8	52.64	7.35

Propeller Efficiency vs Throttle Position

