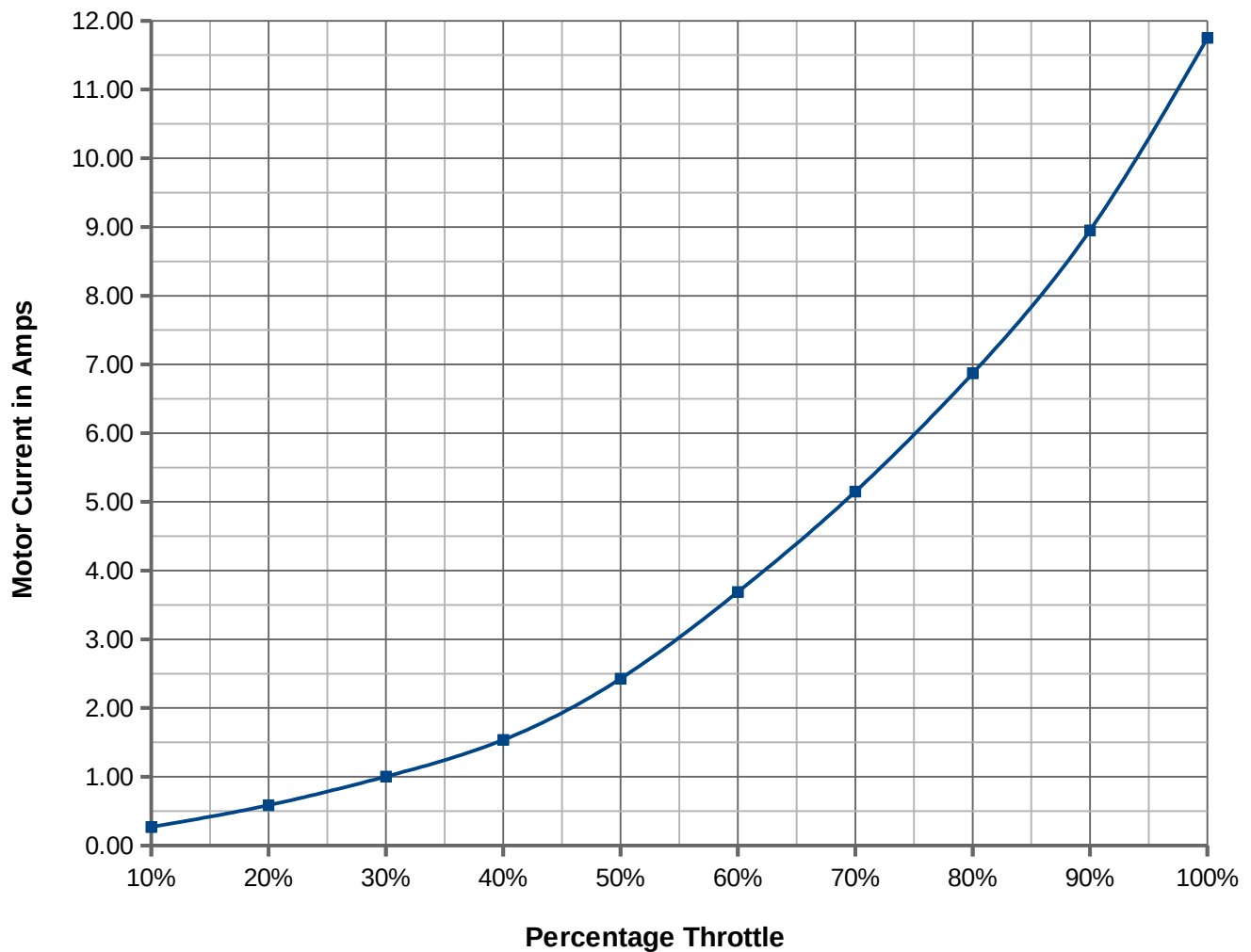


Cobra CM-1806/26 Motor Test Data, Kv=2800

Data Collected at 11.1 volts with HQ 4x4 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.27	2.99	4,202	16.4	0.58	5.49
20%	0.59	6.50	6,798	35.1	1.24	5.40
30%	1.00	11.14	8,861	59.1	2.08	5.30
40%	1.54	17.06	10,720	87.3	3.08	5.12
50%	2.43	26.96	12,905	126.6	4.46	4.70
60%	3.69	40.96	15,265	176.5	6.22	4.31
70%	5.15	57.15	17,496	229.4	8.08	4.01
80%	6.87	76.27	19,642	287.6	10.14	3.77
90%	8.95	99.38	21,560	345.6	12.18	3.48
100%	11.75	130.43	23,260	420.5	14.82	3.22

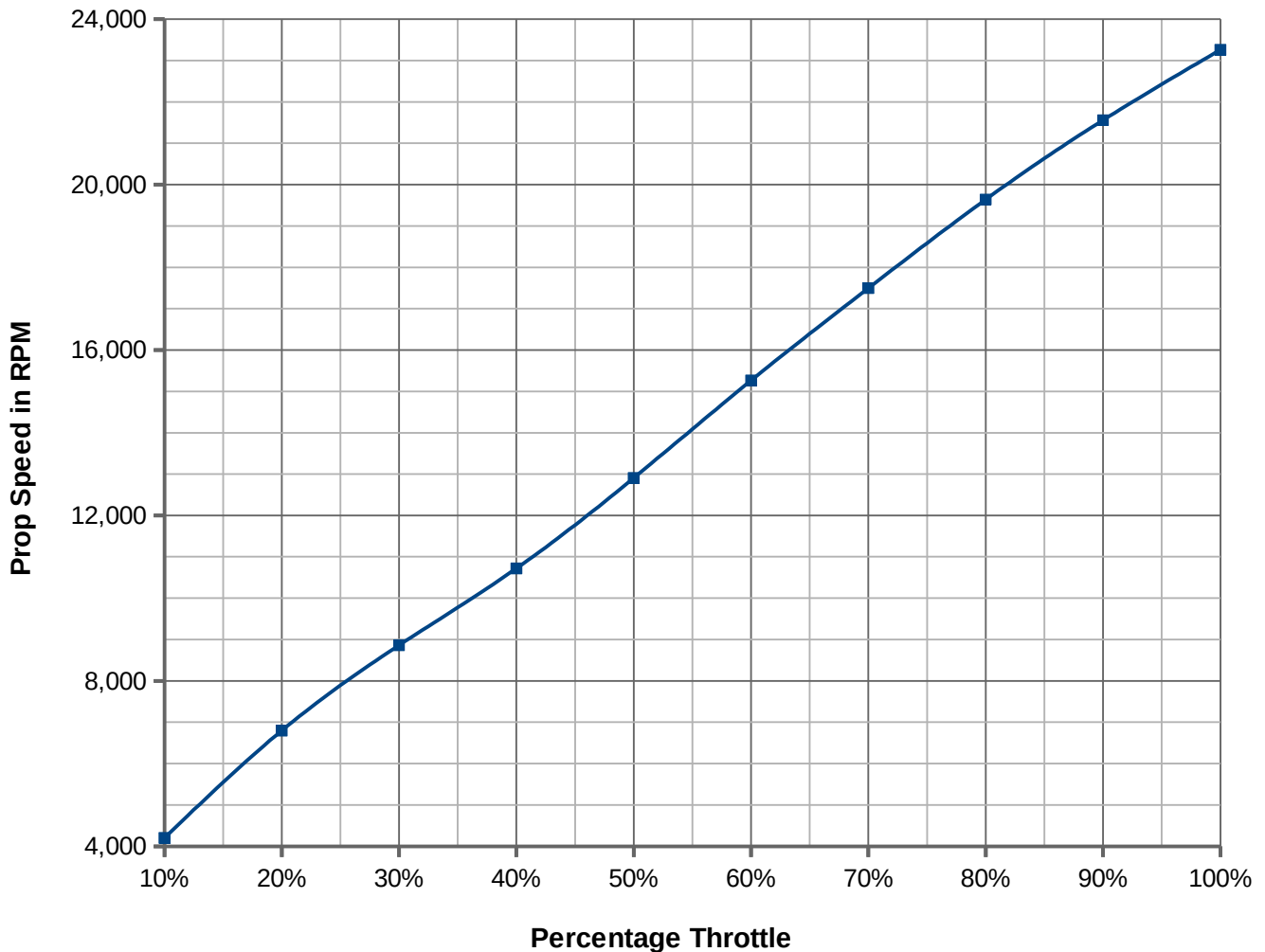
Motor Current vs Throttle Position



Cobra CM-1806/26 Motor Test Data, Kv=2800

Data Collected at 11.1 volts with HQ 4x4 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.27	2.99	4,202	16.4	0.58	5.49
20%	0.59	6.50	6,798	35.1	1.24	5.40
30%	1.00	11.14	8,861	59.1	2.08	5.30
40%	1.54	17.06	10,720	87.3	3.08	5.12
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70%	5.15	57.15	17,496	229.4	8.08	4.01
80%	6.87	76.27	19,642	287.6	10.14	3.77
90%	8.95	99.38	21,560	345.6	12.18	3.48
100%	11.75	130.43	23,260	420.5	14.82	3.22

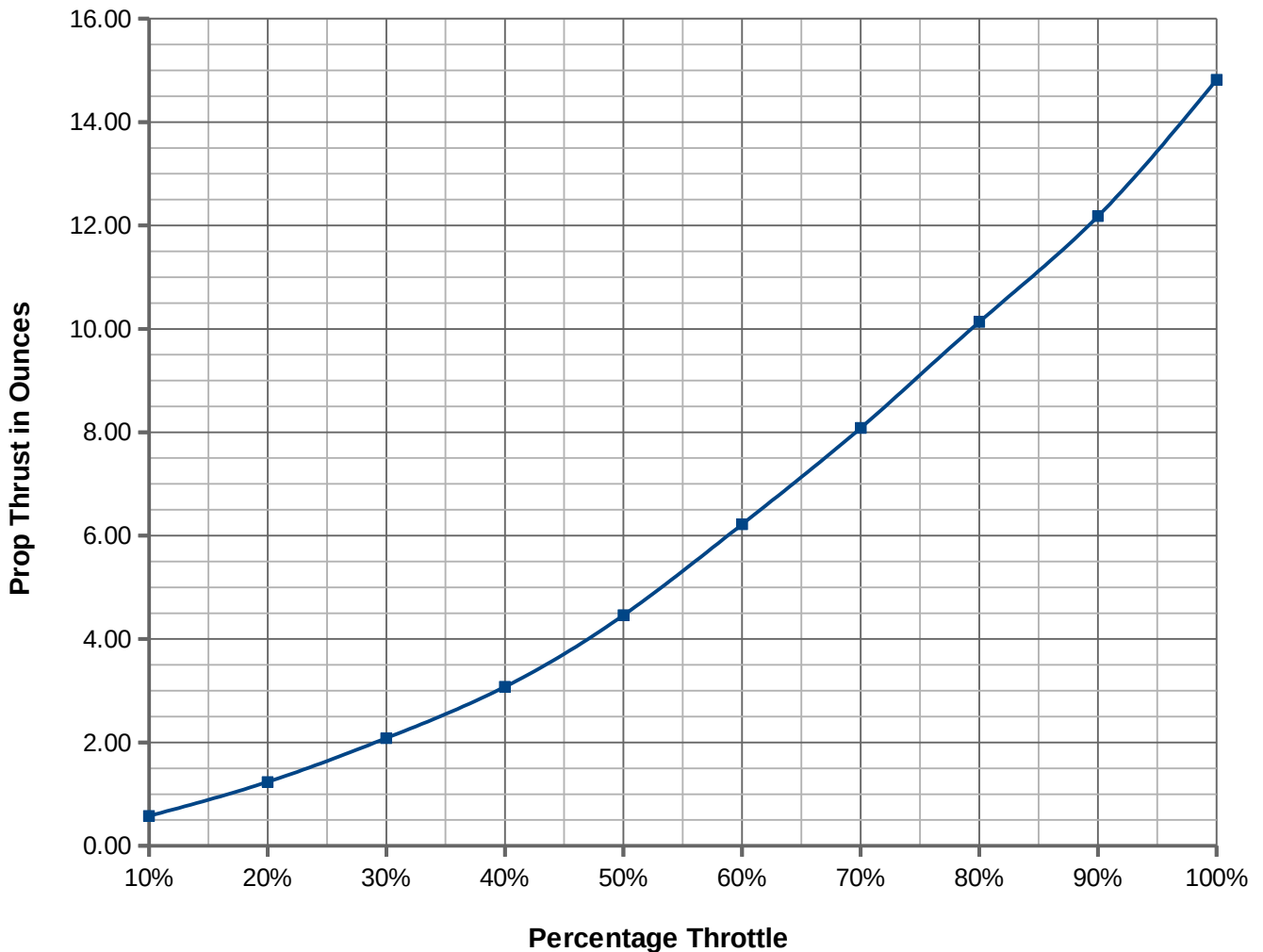
Propeller RPM vs Throttle Position



Cobra CM-1806/26 Motor Test Data, Kv=2800

Data Collected at 11.1 volts with HQ 4x4 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.27	2.99	4,202	16.4	0.58	5.49
20%	0.59	6.50	6,798	35.1	1.24	5.40
30%	1.00	11.14	8,861	59.1	2.08	5.30
40%	1.54	17.06	10,720	87.3	3.08	5.12
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60%	3.69	40.96	15,265	176.5	6.22	4.31
70%	5.15	57.15	17,496	229.4	8.08	4.01
80%	6.87	76.27	19,642	287.6	10.14	3.77
90%	8.95	99.38	21,560	345.6	12.18	3.48
100%	11.75	130.43	23,260	420.5	14.82	3.22

Propeller Thrust vs Throttle Position



Cobra CM-1806/26 Motor Test Data, Kv=2800

Data Collected at 11.1 volts with HQ 4x4 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.27	2.99	4,202	16.4	0.58	5.49
20%	0.59	6.50	6,798	35.1	1.24	5.40
30%	1.00	11.14	8,861	59.1	2.08	5.30
40%	1.54	17.06	10,720	87.3	3.08	5.12
50%	2.43	26.96	12,905	126.6	4.46	4.70
60%	3.69	40.96	15,265	176.5	6.22	4.31
70%	5.15	57.15	17,496	229.4	8.08	4.01
80%	6.87	76.27	19,642	287.6	10.14	3.77
90%	8.95	99.38	21,560	345.6	12.18	3.48
100%	11.75	130.43	23,260	420.5	14.82	3.22

Propeller Efficiency vs Throttle Position

