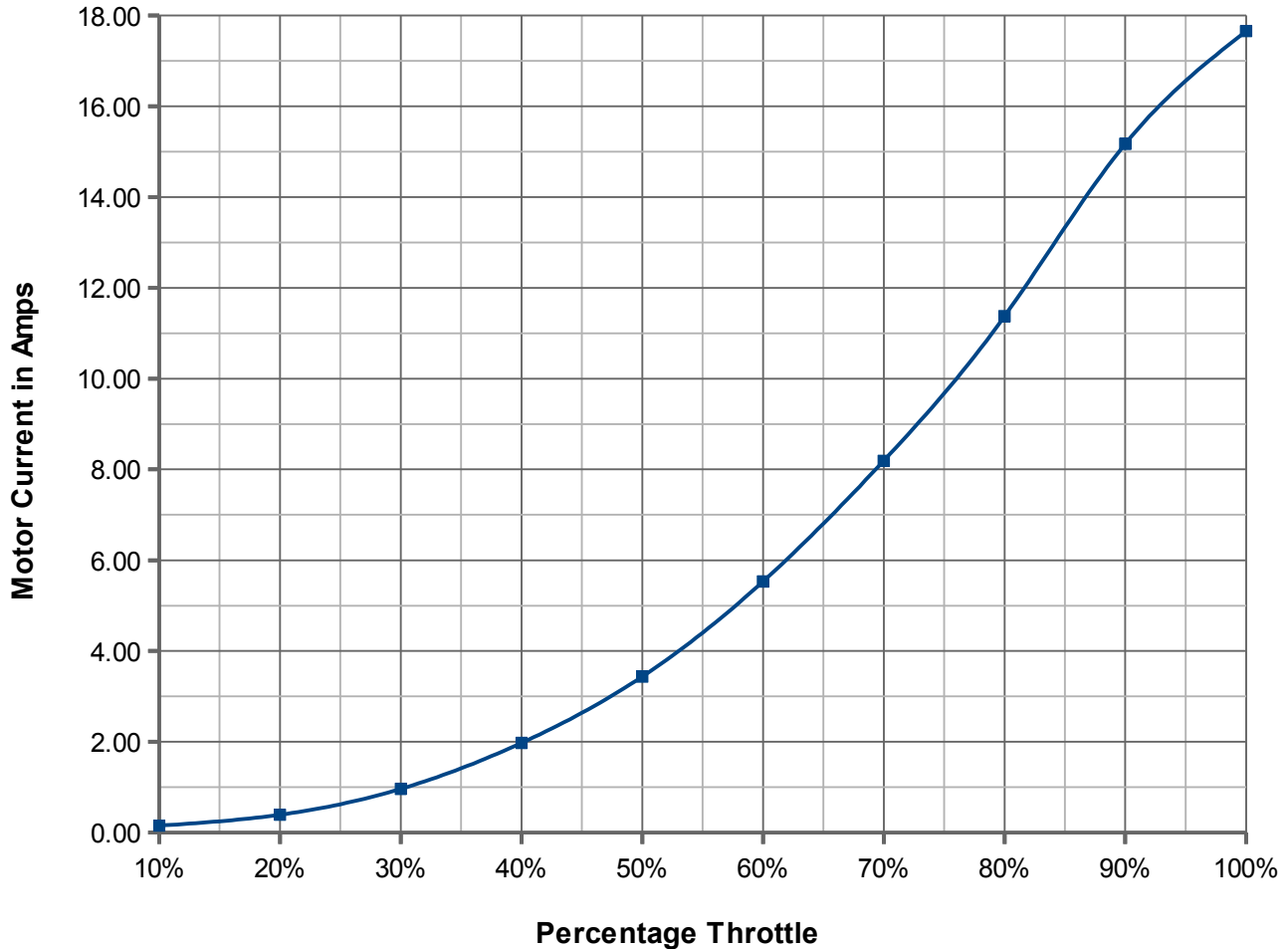


Cobra CM-2820-32 Motor Test Data, Kv=350

Data Collected at 18.5 volts with RC-Timer 16x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.15	2.85	809	54.1	1.91	18.99
20%	0.39	7.27	1,263	130.3	4.59	17.92
30%	0.96	17.82	1,778	267.9	9.44	15.04
40%	1.98	36.56	2,284	452.2	15.94	12.37
50%	3.44	63.58	2,737	659.4	23.24	10.37
60%	5.53	102.32	3,160	919.5	32.41	8.99
70%	8.19	151.53	3,536	1183.9	41.72	7.81
80%	11.38	210.47	3,903	1423.6	50.17	6.76
90%	15.17	280.70	4,212	1694.6	59.72	6.04
100%	17.66	326.64	4,354	1846.5	65.07	5.65

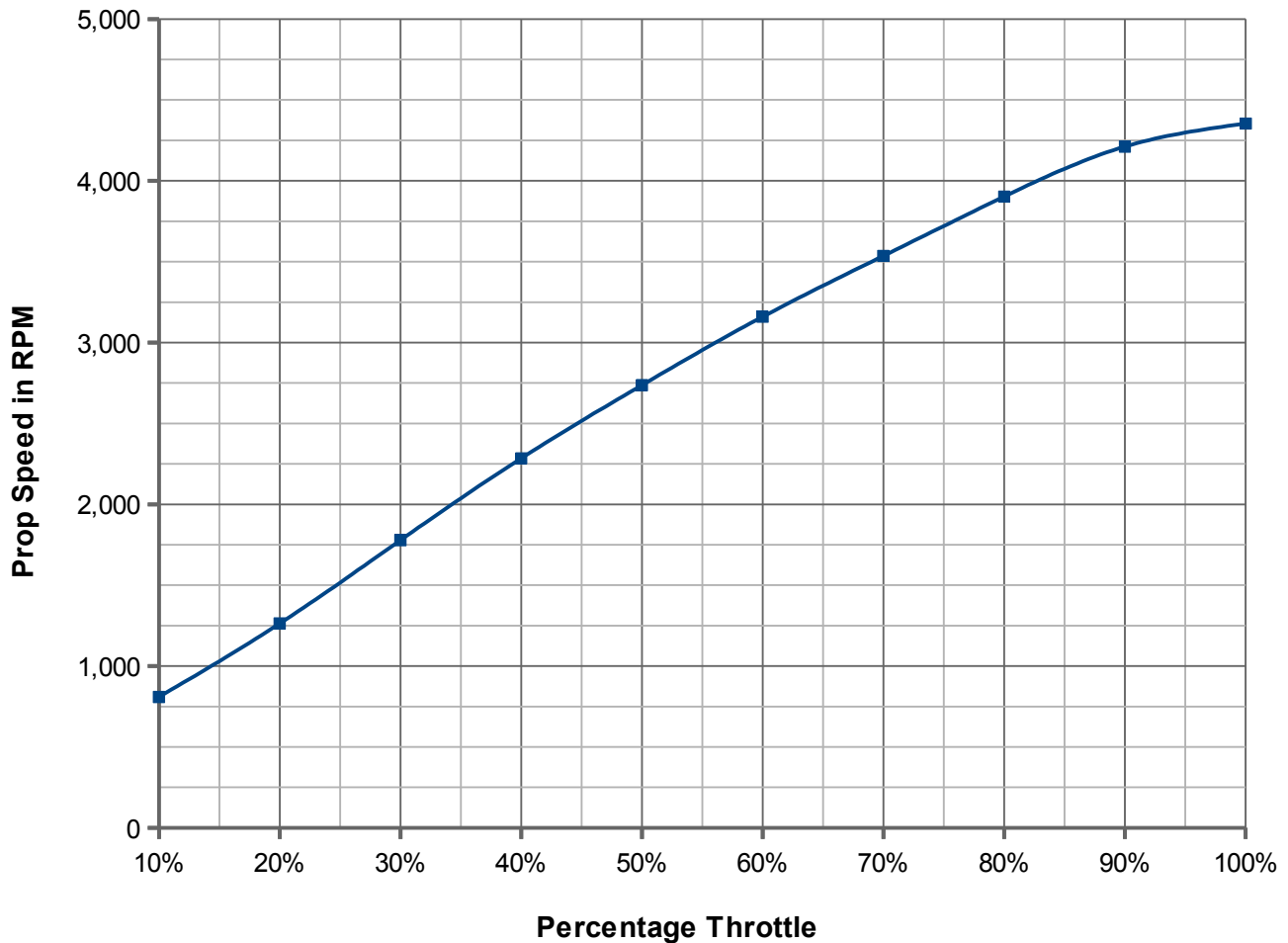
Motor Current vs Throttle Position



Cobra CM-2820-32 Motor Test Data, Kv=350

Data Collected at 18.5 volts with RC-Timer 16x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
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20%	0.39	7.27	1,263	130.3	4.59	17.92
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100%	17.66	326.64	4,354	1846.5	65.07	5.65

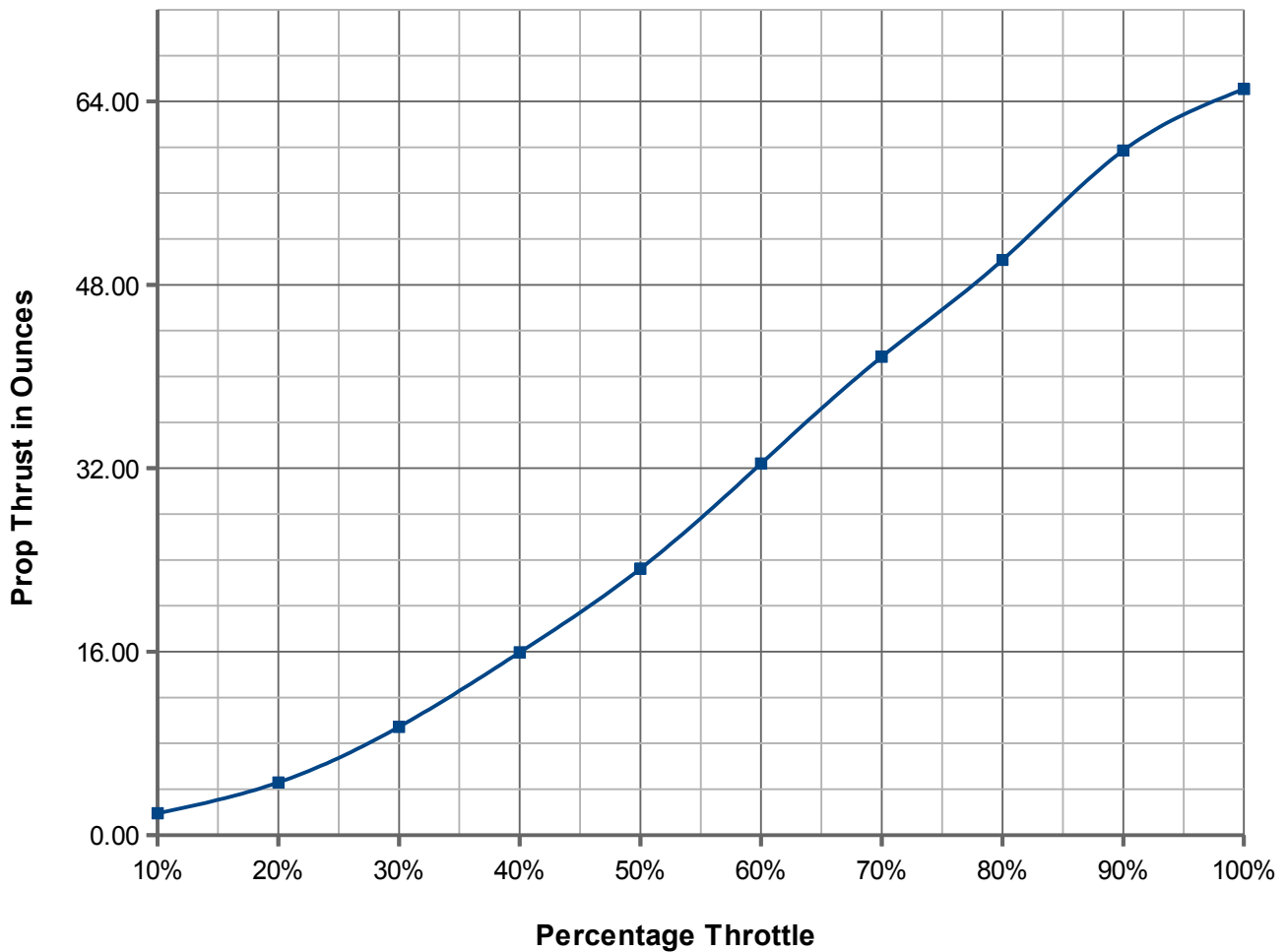
Propeller RPM vs Throttle Position



Cobra CM-2820-32 Motor Test Data, Kv=350

Data Collected at 18.5 volts with RC-Timer 16x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.15	2.85	809	54.1	1.91	18.99
20%	0.39	7.27	1,263	130.3	4.59	17.92
30%	0.96	17.82	1,778	267.9	9.44	15.04
40%	1.98	36.56	2,284	452.2	15.94	12.37
50%	3.44	63.58	2,737	659.4	23.24	10.37
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80%	11.38	210.47	3,903	1423.6	50.17	6.76
90%	15.17	280.70	4,212	1694.6	59.72	6.04
100%	17.66	326.64	4,354	1846.5	65.07	5.65

Propeller Thrust vs Throttle Position



Cobra CM-2820-32 Motor Test Data, Kv=350

Data Collected at 18.5 volts with RC-Timer 16x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.15	2.85	809	54.1	1.91	18.99
20%	0.39	7.27	1,263	130.3	4.59	17.92
30%	0.96	17.82	1,778	267.9	9.44	15.04
40%	1.98	36.56	2,284	452.2	15.94	12.37
50%	3.44	63.58	2,737	659.4	23.24	10.37
60%	5.53	102.32	3,160	919.5	32.41	8.99
70%	8.19	151.53	3,536	1183.9	41.72	7.81
80%	11.38	210.47	3,903	1423.6	50.17	6.76
90%	15.17	280.70	4,212	1694.6	59.72	6.04
100%	17.66	326.64	4,354	1846.5	65.07	5.65

Propeller Efficiency vs Throttle Position

