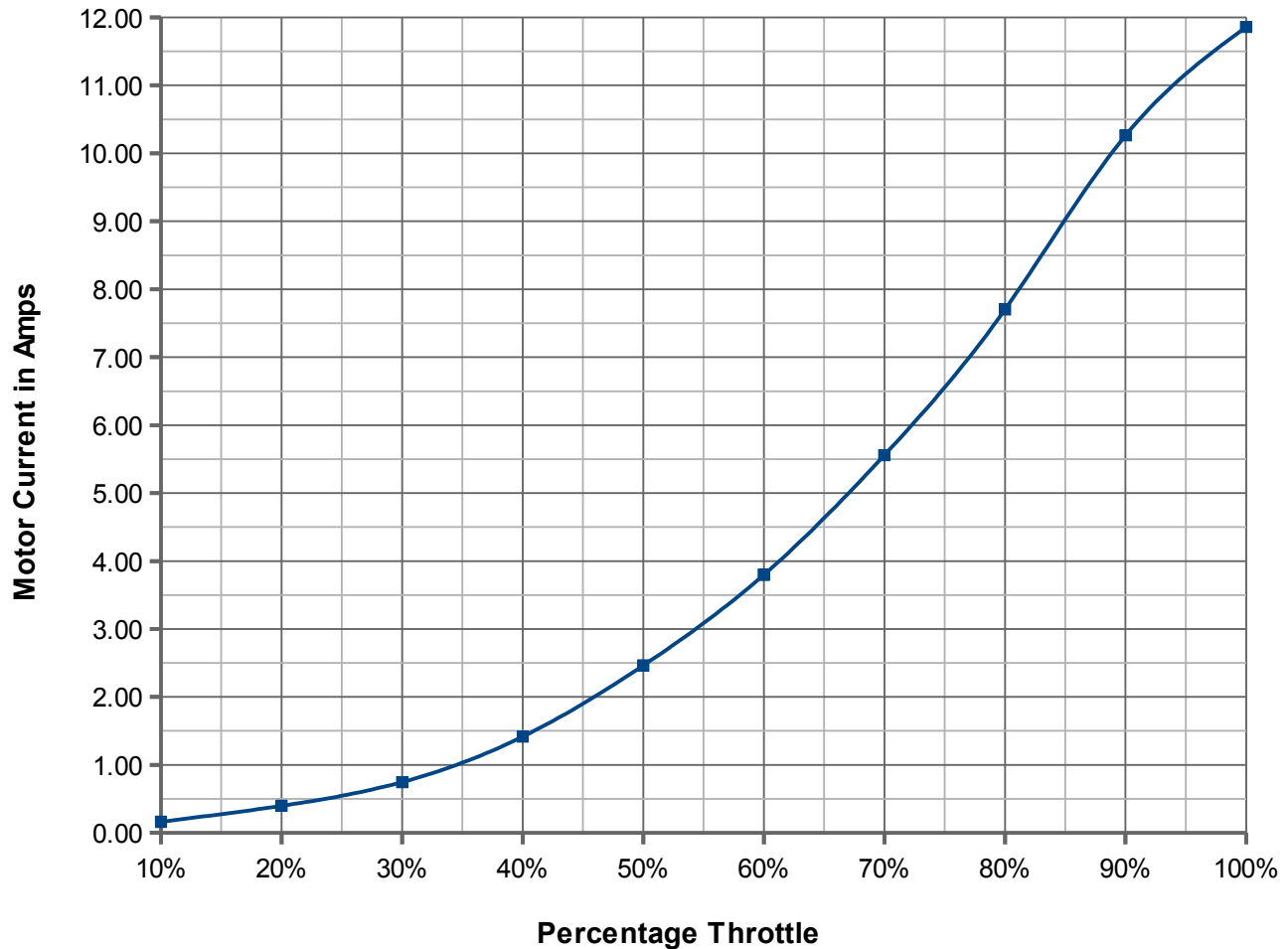


Cobra CM-2213/26 Motor Test Data, Kv=950

Data Collected at 11.1 volts with APC 10x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.16	1.81	1,392	28.0	0.99	15.48
20%	0.40	4.42	2,206	67.2	2.37	15.21
30%	0.75	8.29	2,869	115.6	4.07	13.94
40%	1.42	15.72	3,678	188.7	6.65	12.01
50%	2.46	27.34	4,489	281.6	9.92	10.30
60%	3.80	42.15	5,200	384.5	13.55	9.12
70%	5.56	61.69	5,846	510.2	17.98	8.27
80%	7.70	85.50	6,493	626.6	22.08	7.33
90%	10.26	113.93	7,069	761.5	26.84	6.68
100%	11.86	131.65	7,395	826.0	29.11	6.27

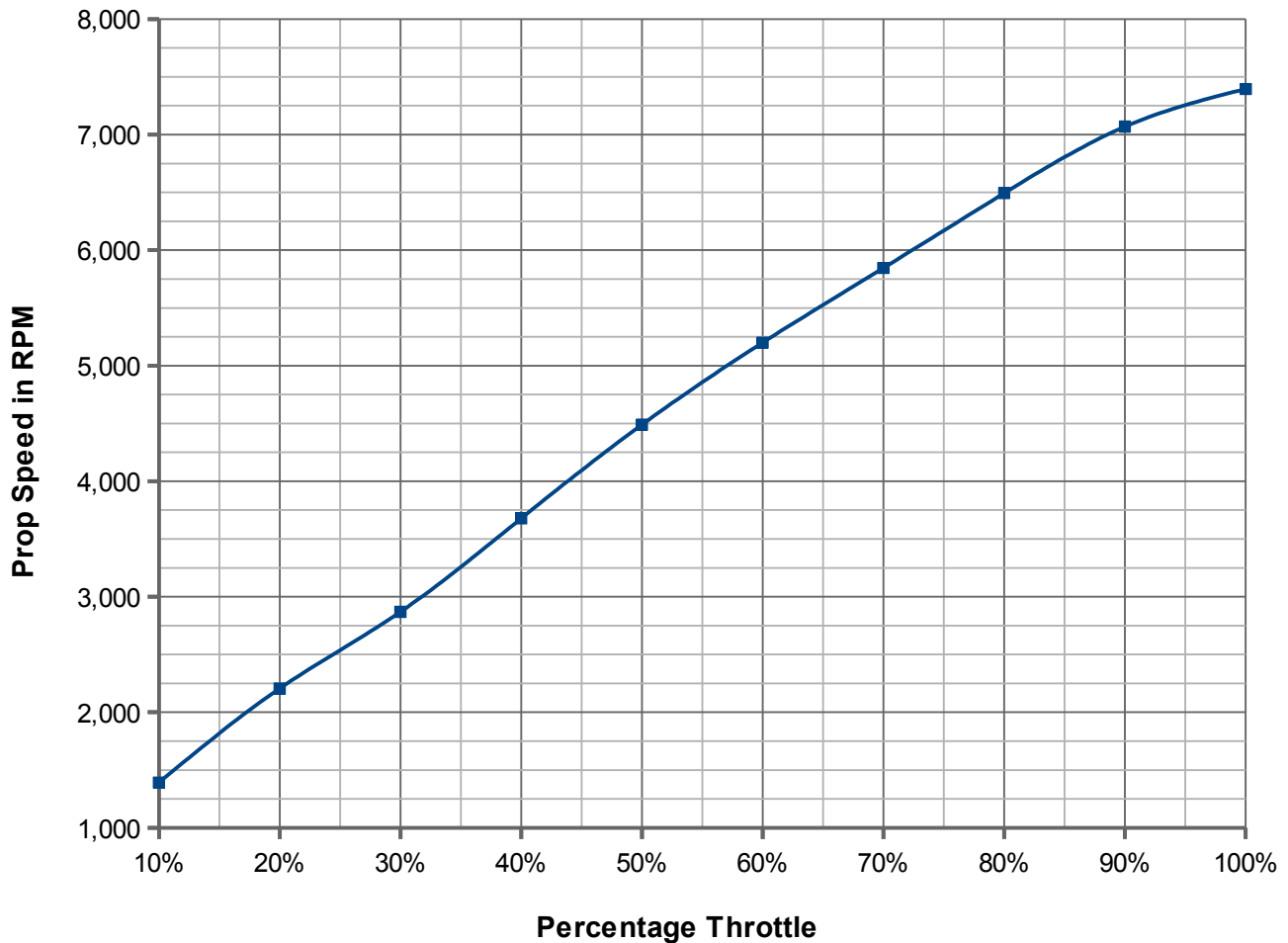
Motor Current vs Throttle Position



Cobra CM-2213/26 Motor Test Data, Kv=950

Data Collected at 11.1 volts with APC 10x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.16	1.81	1,392	28.0	0.99	15.48
20%	0.40	4.42	2,206	67.2	2.37	15.21
30%	0.75	8.29	2,869	115.6	4.07	13.94
40%	1.42	15.72	3,678	188.7	6.65	12.01
50%	2.46	27.34	4,489	281.6	9.92	10.30
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70%	5.56	61.69	5,846	510.2	17.98	8.27
80%	7.70	85.50	6,493	626.6	22.08	7.33
90%	10.26	113.93	7,069	761.5	26.84	6.68
100%	11.86	131.65	7,395	826.0	29.11	6.27

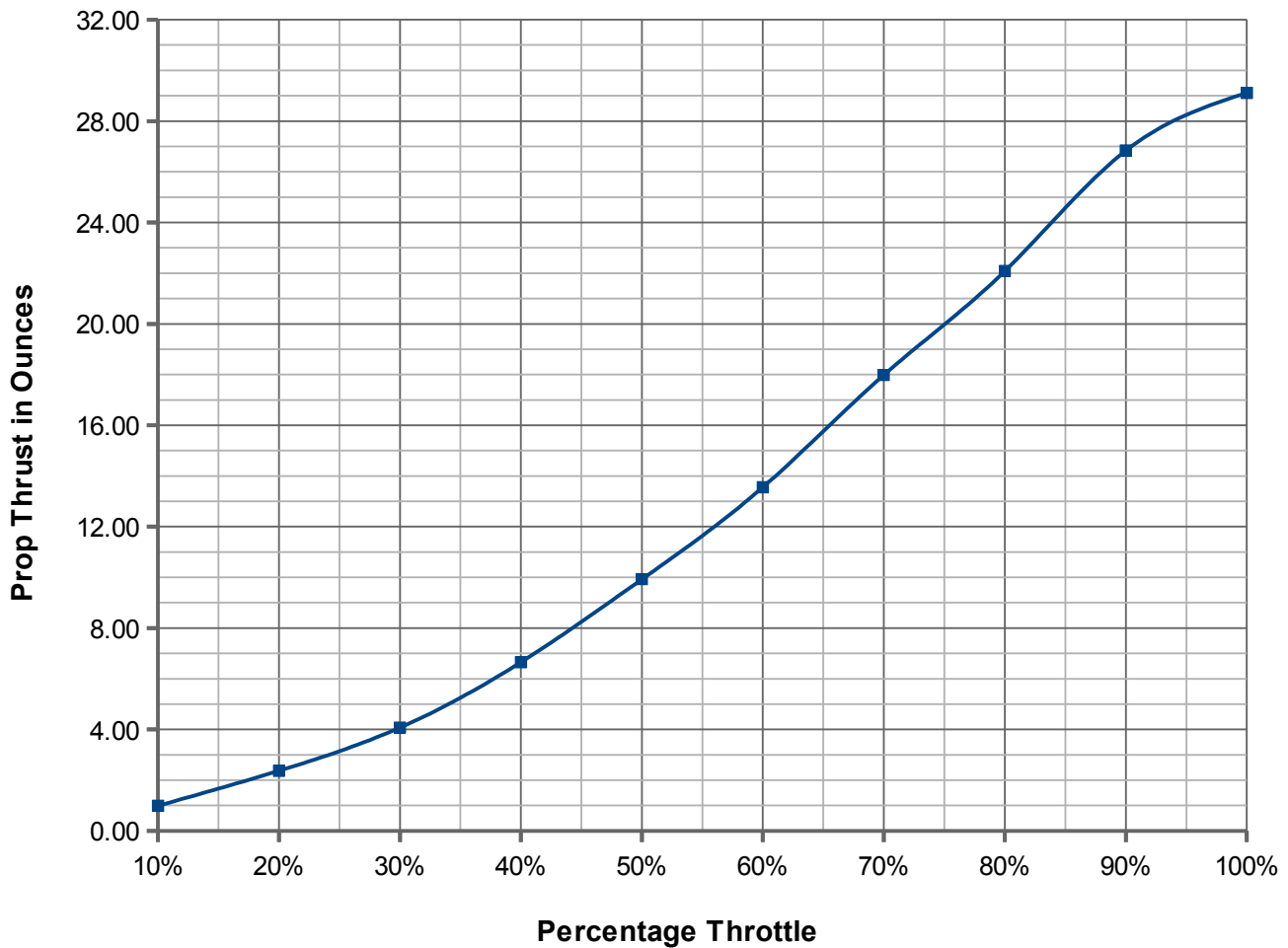
Propeller RPM vs Throttle Position



Cobra CM-2213/26 Motor Test Data, Kv=950

Data Collected at 11.1 volts with APC 10x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.16	1.81	1,392	28.0	0.99	15.48
20%	0.40	4.42	2,206	67.2	2.37	15.21
30%	0.75	8.29	2,869	115.6	4.07	13.94
40%	1.42	15.72	3,678	188.7	6.65	12.01
50%	2.46	27.34	4,489	281.6	9.92	10.30
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70%	5.56	61.69	5,846	510.2	17.98	8.27
80%	7.70	85.50	6,493	626.6	22.08	7.33
90%	10.26	113.93	7,069	761.5	26.84	6.68
100%	11.86	131.65	7,395	826.0	29.11	6.27

Propeller Thrust vs Throttle Position



Cobra CM-2213/26 Motor Test Data, Kv=950

Data Collected at 11.1 volts with APC 10x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.16	1.81	1,392	28.0	0.99	15.48
20%	0.40	4.42	2,206	67.2	2.37	15.21
30%	0.75	8.29	2,869	115.6	4.07	13.94
40%	1.42	15.72	3,678	188.7	6.65	12.01
50%	2.46	27.34	4,489	281.6	9.92	10.30
60%	3.80	42.15	5,200	384.5	13.55	9.12
70%	5.56	61.69	5,846	510.2	17.98	8.27
80%	7.70	85.50	6,493	626.6	22.08	7.33
90%	10.26	113.93	7,069	761.5	26.84	6.68
100%	11.86	131.65	7,395	826.0	29.11	6.27

Propeller Efficiency vs Throttle Position

