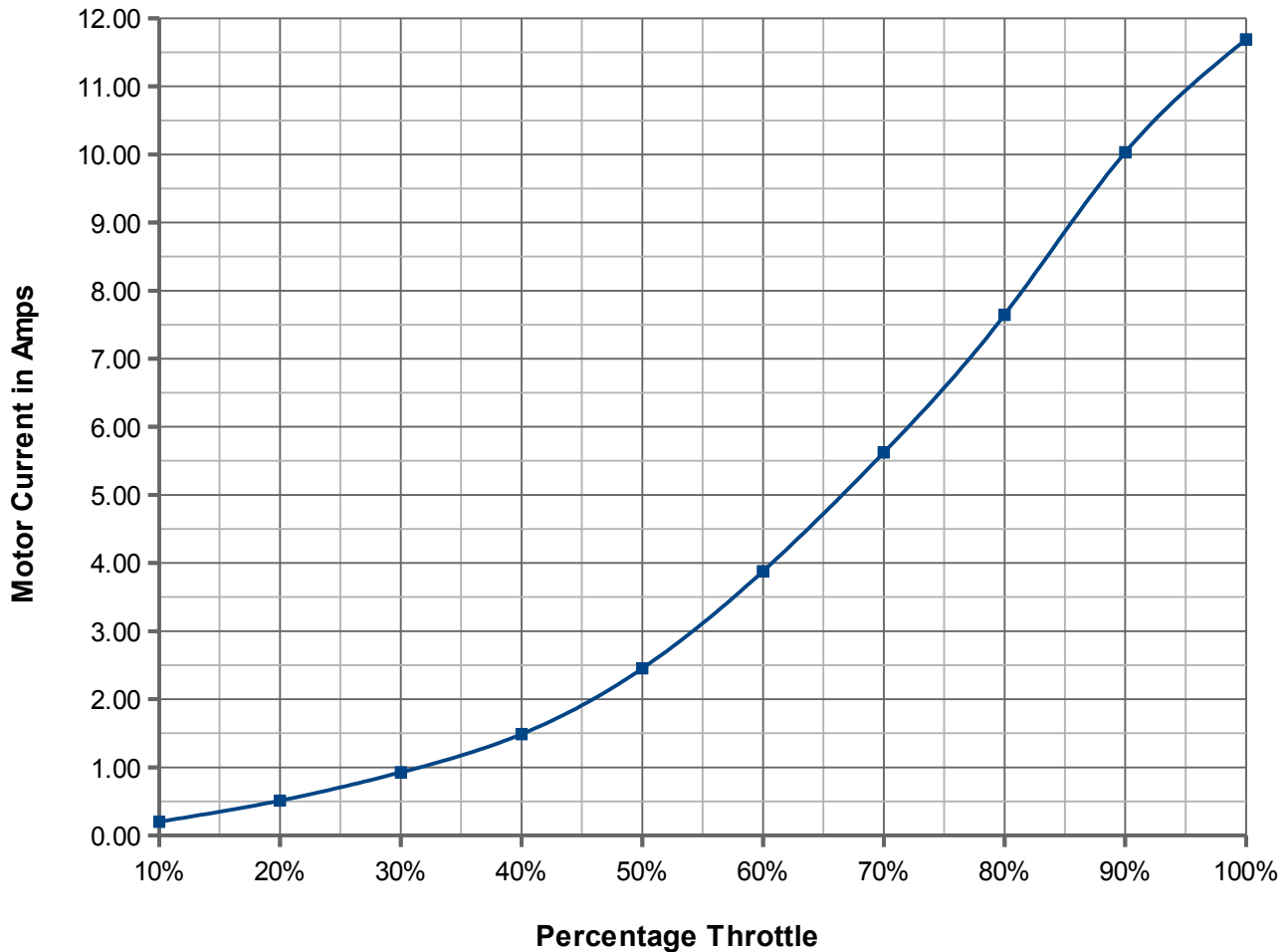


Cobra CM-2208/34 Motor Test Data, Kv=1200

Data Collected at 14.8 volts with APC 7x5-E Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.20	2.99	2,671	32.9	1.16	11.00
20%	0.51	7.56	4,143	74.9	2.64	9.90
30%	0.93	13.70	5,260	120.5	4.25	8.79
40%	1.49	22.01	6,255	170.7	6.02	7.76
50%	2.45	36.29	7,463	247.4	8.72	6.82
60%	3.88	57.41	8,682	336.8	11.87	5.87
70%	5.62	83.21	9,770	433.1	15.26	5.21
80%	7.65	113.16	10,716	526.2	18.54	4.65
90%	10.03	148.47	11,578	619.6	21.84	4.17
100%	11.69	173.01	12,006	653.0	23.03	3.77

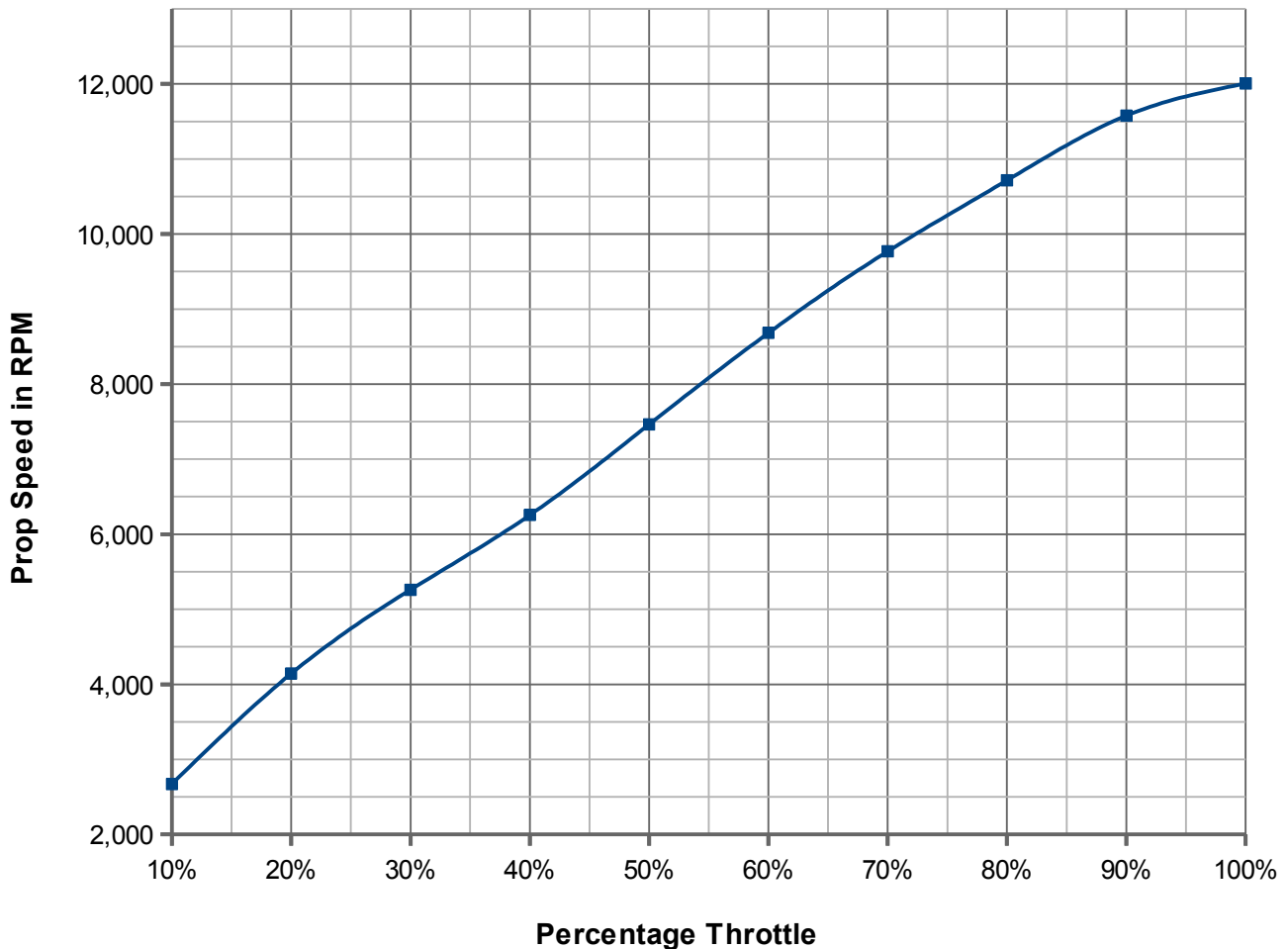
Motor Current vs Throttle Position



Cobra CM-2208/34 Motor Test Data, Kv=1200

Data Collected at 14.8 volts with APC 7x5-E Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.20	2.99	2,671	32.9	1.16	11.00
20%	0.51	7.56	4,143	74.9	2.64	9.90
30%	0.93	13.70	5,260	120.5	4.25	8.79
40%	1.49	22.01	6,255	170.7	6.02	7.76
50%	2.45	36.29	7,463	247.4	8.72	6.82
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70%	5.62	83.21	9,770	433.1	15.26	5.21
80%	7.65	113.16	10,716	526.2	18.54	4.65
90%	10.03	148.47	11,578	619.6	21.84	4.17
100%	11.69	173.01	12,006	653.0	23.03	3.77

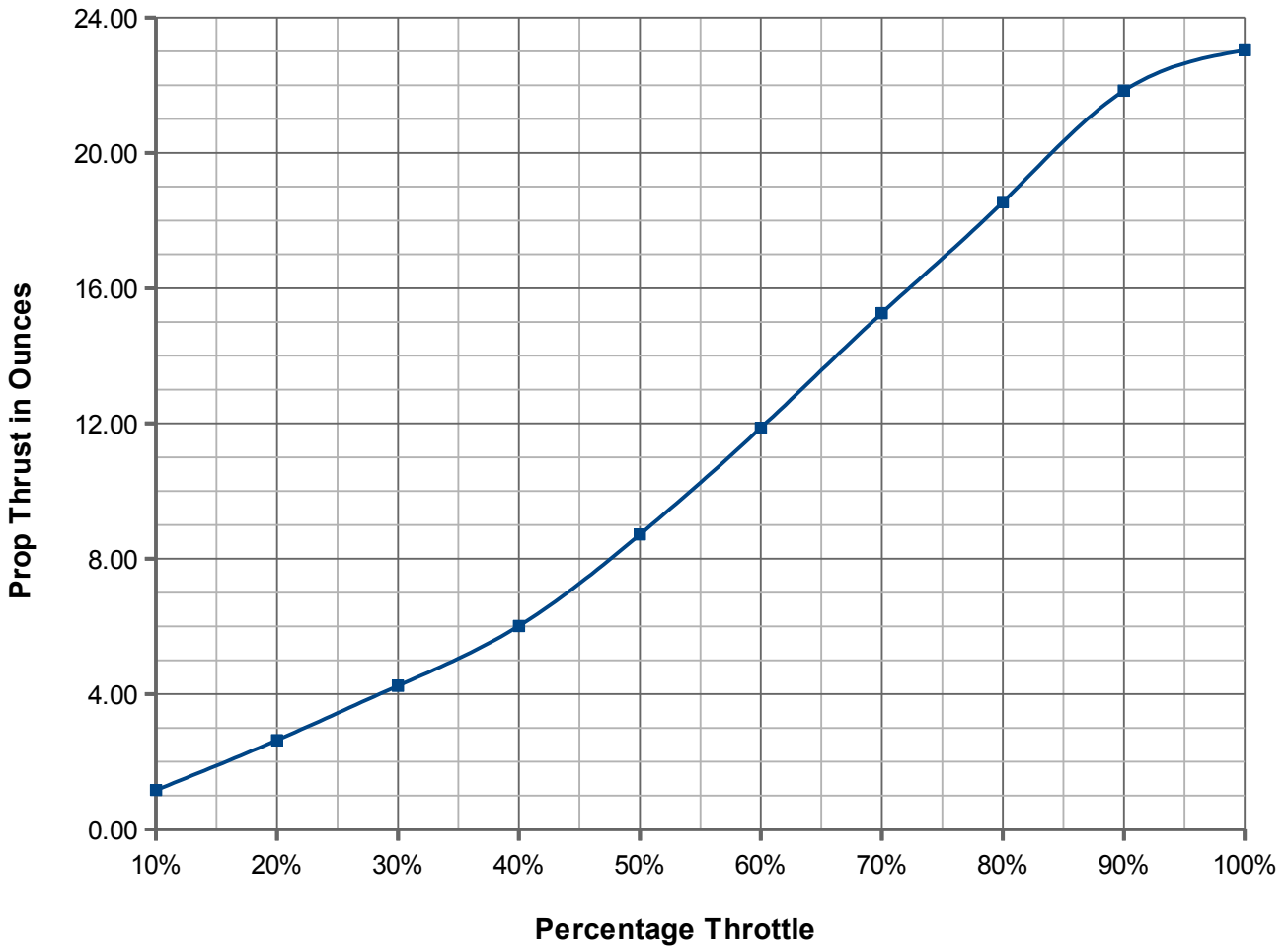
Propeller RPM vs Throttle Position



Cobra CM-2208/34 Motor Test Data, Kv=1200

Data Collected at 14.8 volts with APC 7x5-E Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.20	2.99	2,671	32.9	1.16	11.00
20%	0.51	7.56	4,143	74.9	2.64	9.90
30%	0.93	13.70	5,260	120.5	4.25	8.79
40%	1.49	22.01	6,255	170.7	6.02	7.76
50%	2.45	36.29	7,463	247.4	8.72	6.82
60%	3.88	57.41	8,682	336.8	11.87	5.87
70%	5.62	83.21	9,770	433.1	15.26	5.21
80%	7.65	113.16	10,716	526.2	18.54	4.65
90%	10.03	148.47	11,578	619.6	21.84	4.17
100%	11.69	173.01	12,006	653.0	23.03	3.77

Propeller Thrust vs Throttle Position



Cobra CM-2208/34 Motor Test Data, Kv=1200

Data Collected at 14.8 volts with APC 7x5-E Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.20	2.99	2,671	32.9	1.16	11.00
20%	0.51	7.56	4,143	74.9	2.64	9.90
30%	0.93	13.70	5,260	120.5	4.25	8.79
40%	1.49	22.01	6,255	170.7	6.02	7.76
50%	2.45	36.29	7,463	247.4	8.72	6.82
60%	3.88	57.41	8,682	336.8	11.87	5.87
70%	5.62	83.21	9,770	433.1	15.26	5.21
80%	7.65	113.16	10,716	526.2	18.54	4.65
90%	10.03	148.47	11,578	619.6	21.84	4.17
100%	11.69	173.01	12,006	653.0	23.03	3.77

Propeller Efficiency vs Throttle Position

