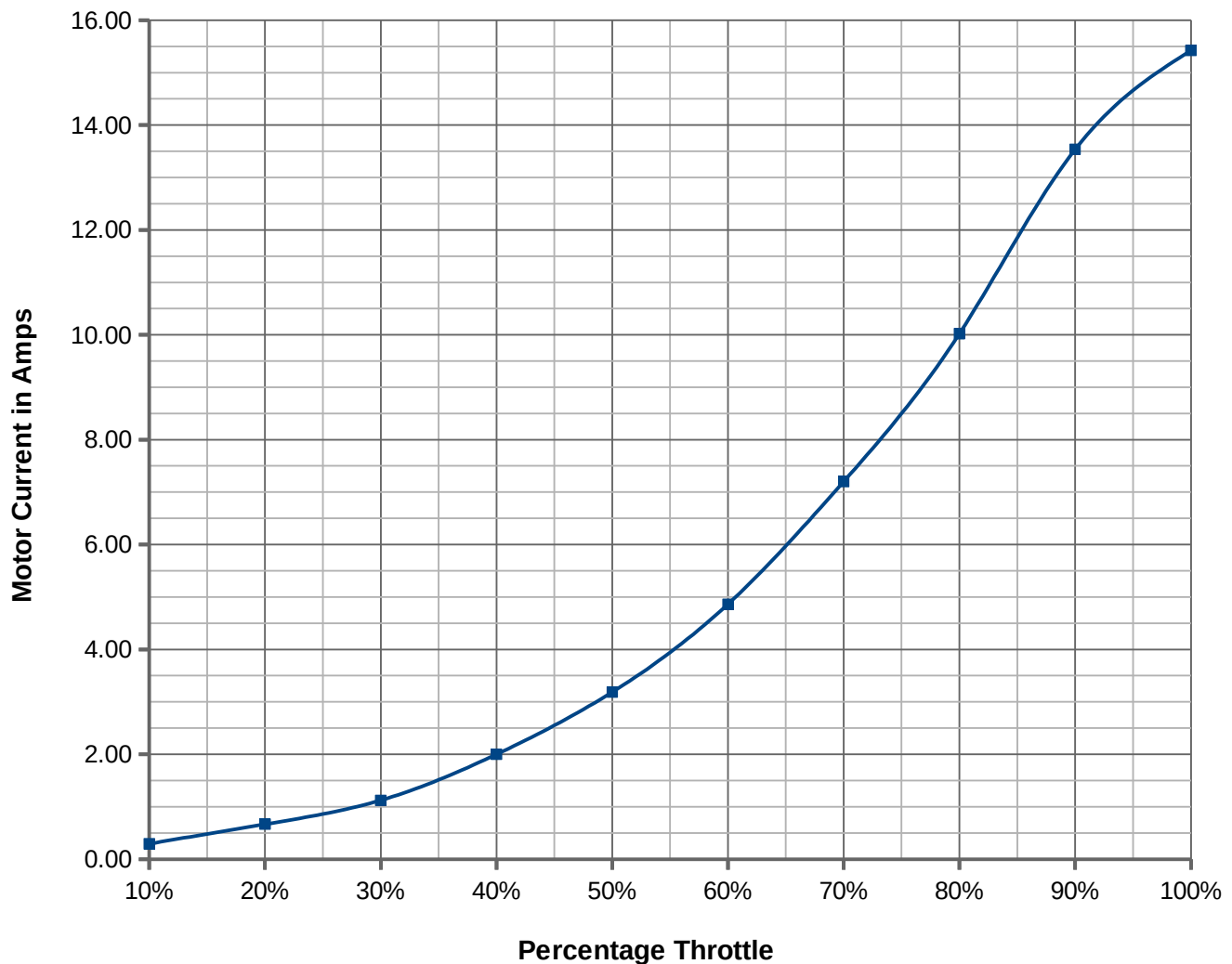


Cobra CM-2206/30 Motor Test Data, Kv=1400

Data Collected at 14.8 volts with HQ 7x4 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.29	4.34	3,348	40.5	1.43	9.34
20%	0.67	9.87	5,033	87.8	3.09	8.89
30%	1.12	16.62	6,263	141.5	4.99	8.51
40%	2.00	29.60	7,743	222.1	7.83	7.50
50%	3.19	47.15	9,060	313.5	11.05	6.65
60%	4.86	71.97	10,400	422.3	14.88	5.87
70%	7.20	106.57	11,692	557.5	19.65	5.23
80%	10.02	148.34	12,889	683.0	24.07	4.60
90%	13.54	200.38	13,902	817.8	28.82	4.08
100%	15.42	228.28	14,328	886.6	31.25	3.88

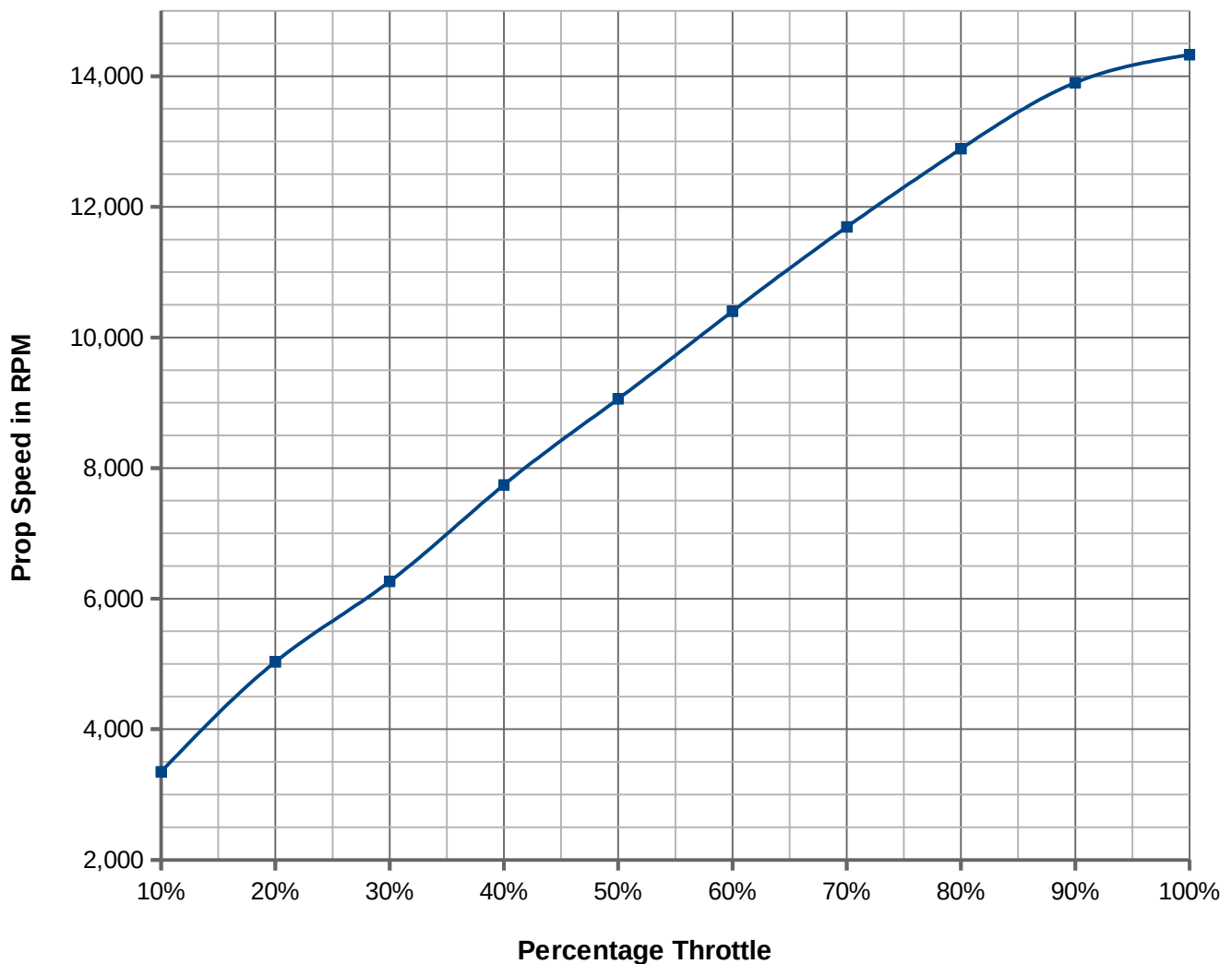
Motor Current vs Throttle Position



Cobra CM-2206/30 Motor Test Data, Kv=1400

Data Collected at 14.8 volts with HQ 7x4 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.29	4.34	3,348	40.5	1.43	9.34
20%	0.67	9.87	5,033	87.8	3.09	8.89
30%	1.12	16.62	6,263	141.5	4.99	8.51
40%	2.00	29.60	7,743	222.1	7.83	7.50
50%	3.19	47.15	9,060	313.5	11.05	6.65
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90%	13.54	200.38	13,902	817.8	28.82	4.08
100%	15.42	228.28	14,328	886.6	31.25	3.88

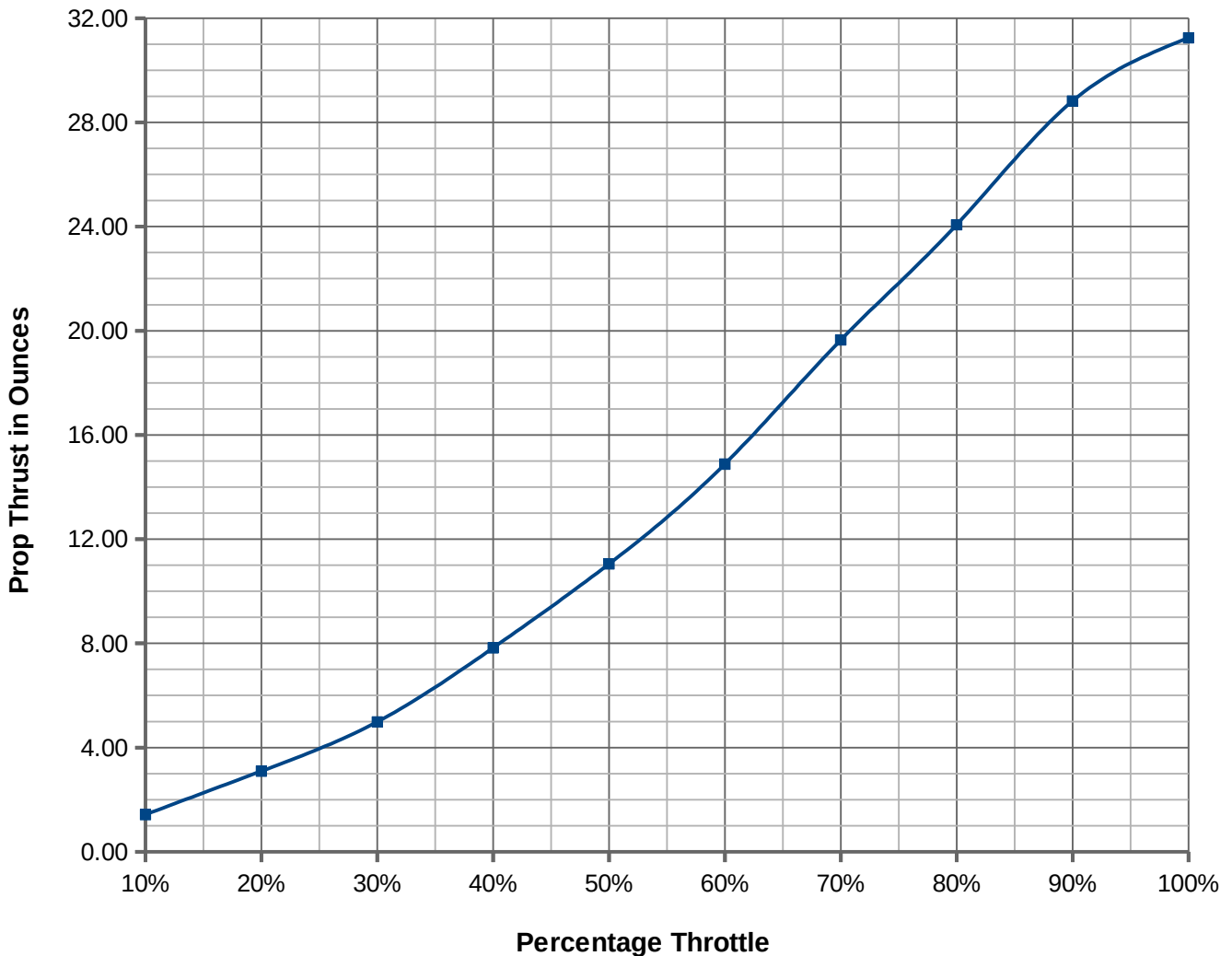
Propeller RPM vs Throttle Position



Cobra CM-2206/30 Motor Test Data, Kv=1400

Data Collected at 14.8 volts with HQ 7x4 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.29	4.34	3,348	40.5	1.43	9.34
20%	0.67	9.87	5,033	87.8	3.09	8.89
30%	1.12	16.62	6,263	141.5	4.99	8.51
40%	2.00	29.60	7,743	222.1	7.83	7.50
50%	3.19	47.15	9,060	313.5	11.05	6.65
60%	4.86	71.97	10,400	422.3	14.88	5.87
70%	7.20	106.57	11,692	557.5	19.65	5.23
80%	10.02	148.34	12,889	683.0	24.07	4.60
90%	13.54	200.38	13,902	817.8	28.82	4.08
100%	15.42	228.28	14,328	886.6	31.25	3.88

Propeller Thrust vs Throttle Position



Cobra CM-2206/30 Motor Test Data, Kv=1400

Data Collected at 14.8 volts with HQ 7x4 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.29	4.34	3,348	40.5	1.43	9.34
20%	0.67	9.87	5,033	87.8	3.09	8.89
30%	1.12	16.62	6,263	141.5	4.99	8.51
40%	2.00	29.60	7,743	222.1	7.83	7.50
50%	3.19	47.15	9,060	313.5	11.05	6.65
60%	4.86	71.97	10,400	422.3	14.88	5.87
70%	7.20	106.57	11,692	557.5	19.65	5.23
80%	10.02	148.34	12,889	683.0	24.07	4.60
90%	13.54	200.38	13,902	817.8	28.82	4.08
100%	15.42	228.28	14,328	886.6	31.25	3.88

Propeller Efficiency vs Throttle Position

