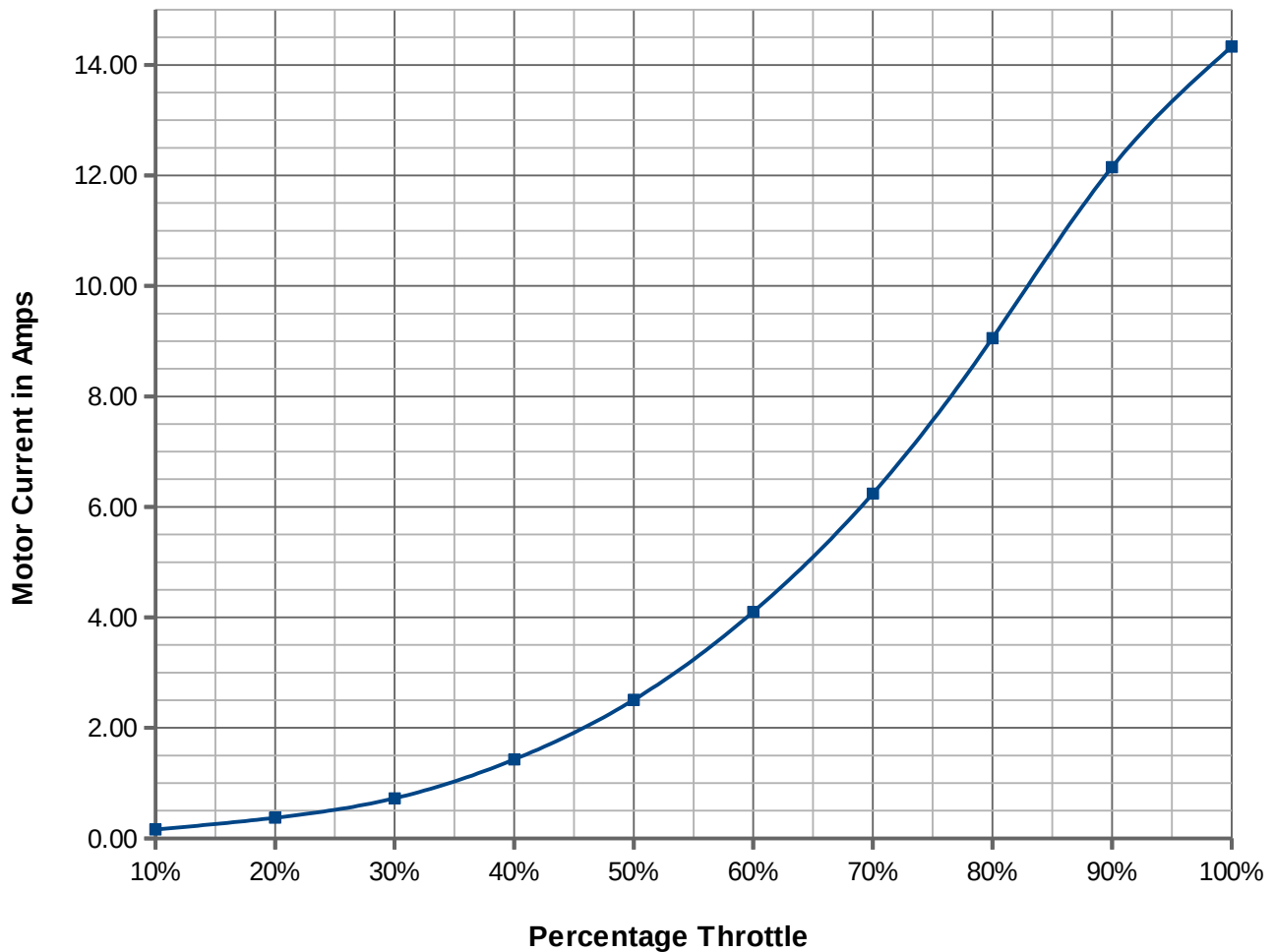


Cobra CM-4008/24 Motor Test Data, Kv=600

Data Collected at 11.1 volts with RC-Timer 13x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.16	1.76	811	23.1	0.81	13.09
20%	0.37	4.14	1,363	64.0	2.26	15.46
30%	0.73	8.05	1,880	119.5	4.21	14.85
40%	1.43	15.85	2,479	208.1	7.33	13.13
50%	2.51	27.83	3,027	327.4	11.54	11.77
60%	4.10	45.51	3,580	469.4	16.54	10.31
70%	6.24	69.28	4,100	638.1	22.49	9.21
80%	9.06	100.51	4,582	818.6	28.85	8.14
90%	12.15	134.87	5,036	990.5	34.91	7.34
100%	14.33	159.07	5,285	1100.0	38.77	6.92

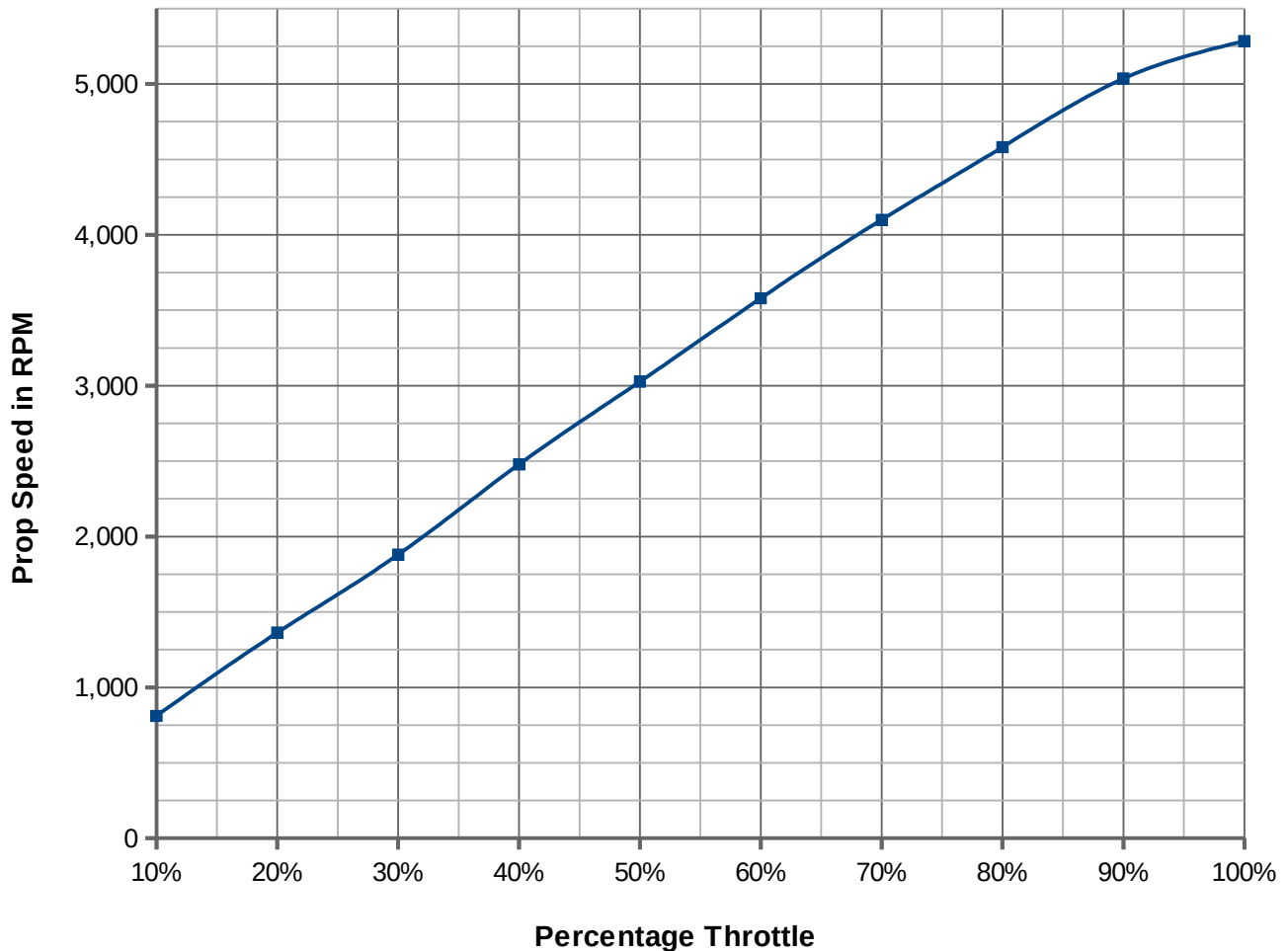
Motor Current vs Throttle Position



Cobra CM-4008/24 Motor Test Data, Kv=600

Data Collected at 11.1 volts with RC-Timer 13x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.16	1.76	811	23.1	0.81	13.09
20%	0.37	4.14	1,363	64.0	2.26	15.46
30%	0.73	8.05	1,880	119.5	4.21	14.85
40%	1.43	15.85	2,479	208.1	7.33	13.13
50%	2.51	27.83	3,027	327.4	11.54	11.77
60%	4.10	45.51	3,580	469.4	16.54	10.31
70%	6.24	69.28	4,100	638.1	22.49	9.21
80%	9.06	100.51	4,582	818.6	28.85	8.14
90%	12.15	134.87	5,036	990.5	34.91	7.34
100%	14.33	159.07	5,285	1100.0	38.77	6.92

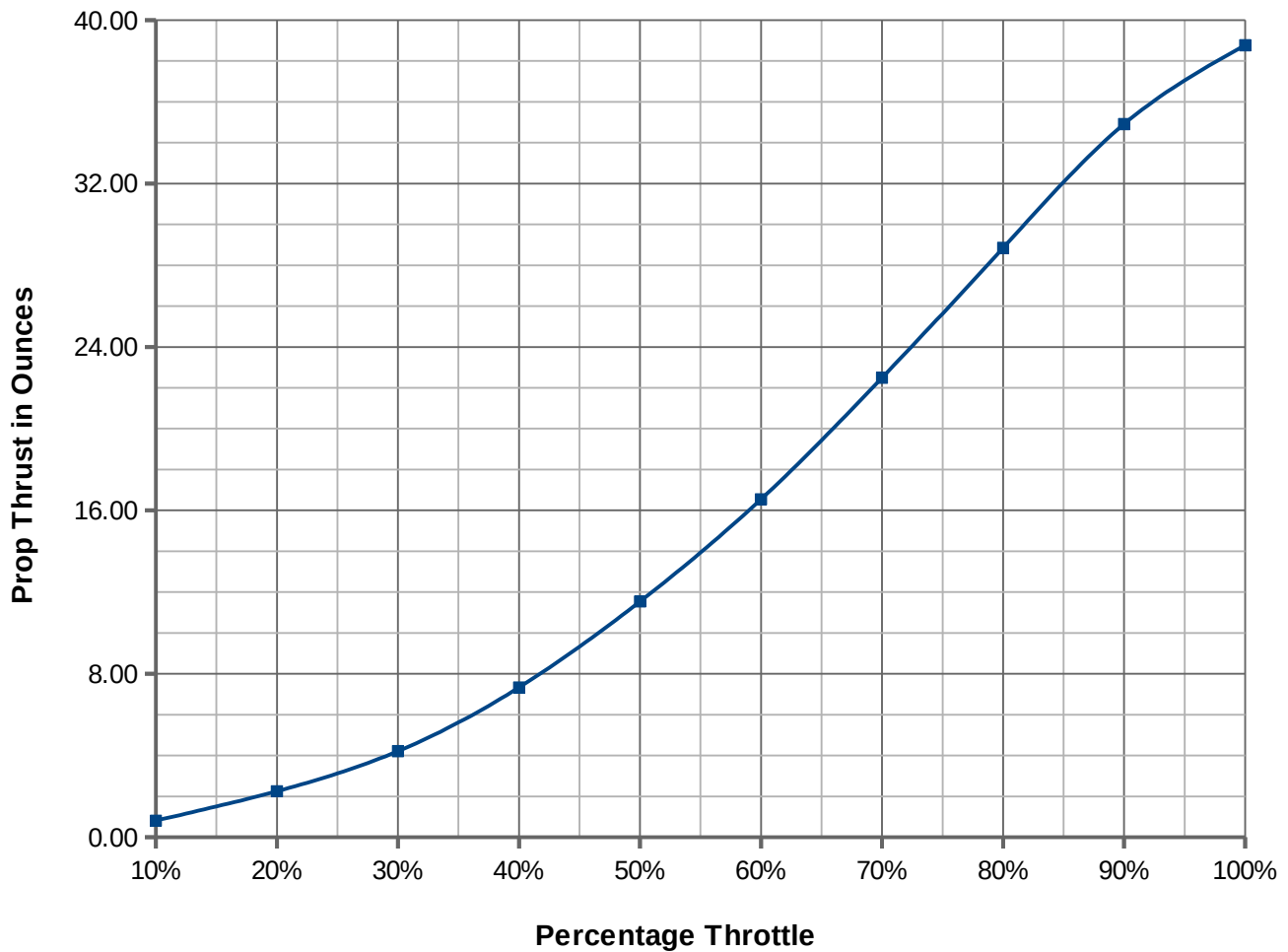
Propeller RPM vs Throttle Position



Cobra CM-4008/24 Motor Test Data, Kv=600

Data Collected at 11.1 volts with RC-Timer 13x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.16	1.76	811	23.1	0.81	13.09
20%	0.37	4.14	1,363	64.0	2.26	15.46
30%	0.73	8.05	1,880	119.5	4.21	14.85
40%	1.43	15.85	2,479	208.1	7.33	13.13
50%	2.51	27.83	3,027	327.4	11.54	11.77
60%	4.10	45.51	3,580	469.4	16.54	10.31
70%	6.24	69.28	4,100	638.1	22.49	9.21
80%	9.06	100.51	4,582	818.6	28.85	8.14
90%	12.15	134.87	5,036	990.5	34.91	7.34
100%	14.33	159.07	5,285	1100.0	38.77	6.92

Propeller Thrust vs Throttle Position



Cobra CM-4008/24 Motor Test Data, Kv=600

Data Collected at 11.1 volts with RC-Timer 13x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.16	1.76	811	23.1	0.81	13.09
20%	0.37	4.14	1,363	64.0	2.26	15.46
30%	0.73	8.05	1,880	119.5	4.21	14.85
40%	1.43	15.85	2,479	208.1	7.33	13.13
50%	2.51	27.83	3,027	327.4	11.54	11.77
60%	4.10	45.51	3,580	469.4	16.54	10.31
70%	6.24	69.28	4,100	638.1	22.49	9.21
80%	9.06	100.51	4,582	818.6	28.85	8.14
90%	12.15	134.87	5,036	990.5	34.91	7.34
100%	14.33	159.07	5,285	1100.0	38.77	6.92

Propeller Efficiency vs Throttle Position

