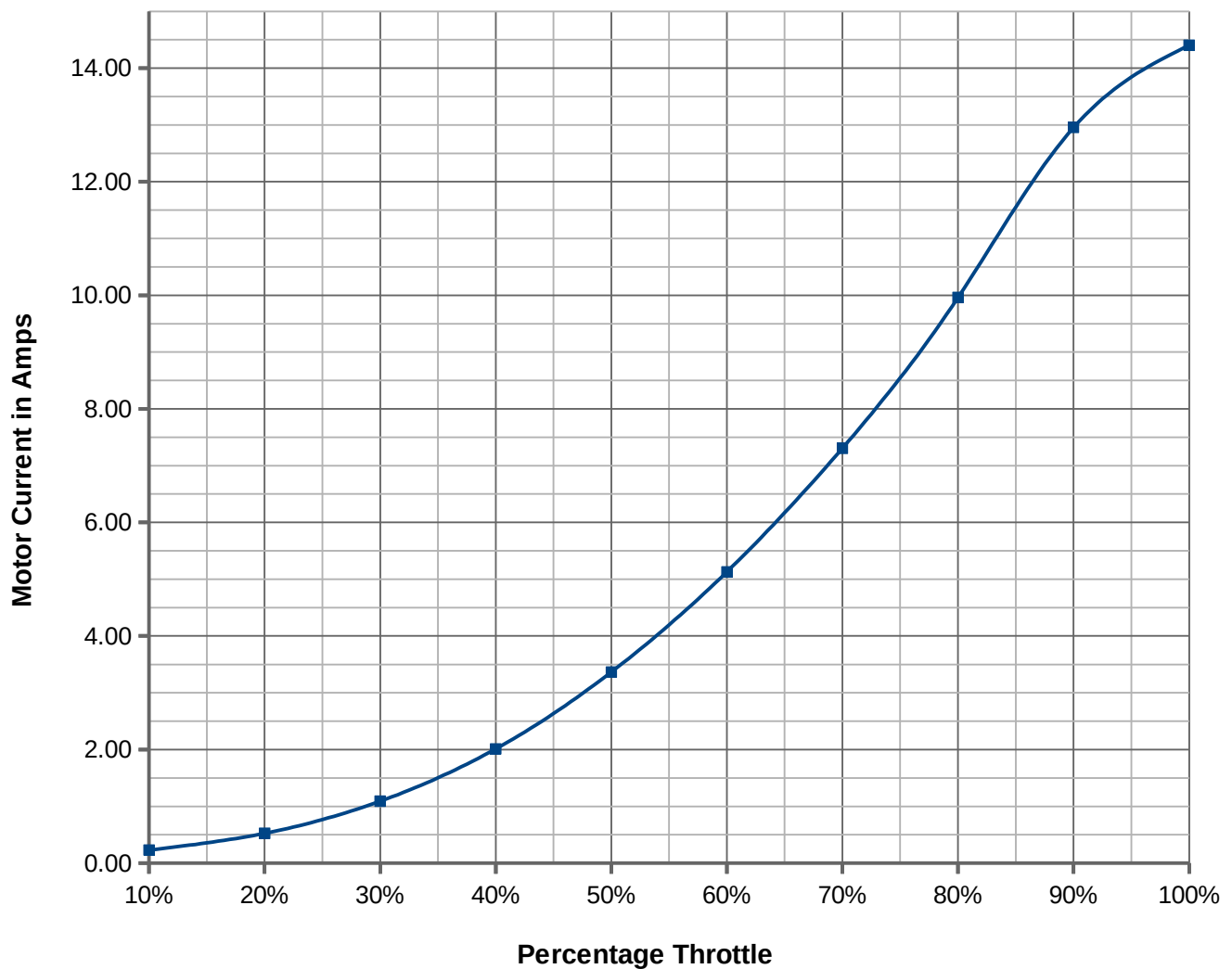


Cobra CM-2206/30 Motor Test Data, Kv=1400

Data Collected at 11.1 volts with FC 7x4.5x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.23	2.56	1,978	27.0	0.95	10.53
20%	0.53	5.83	3,082	59.0	2.08	10.12
30%	1.09	12.12	4,204	119.0	4.19	9.82
40%	2.01	22.34	5,299	185.3	6.53	8.29
50%	3.37	37.35	6,395	271.6	9.57	7.27
60%	5.13	56.93	7,375	364.0	12.83	6.39
70%	7.31	81.10	8,315	467.4	16.47	5.76
80%	9.96	110.57	9,191	569.5	20.07	5.15
90%	12.96	143.81	9,973	669.3	23.59	4.65
100%	14.40	159.87	10,364	714.6	25.18	4.47

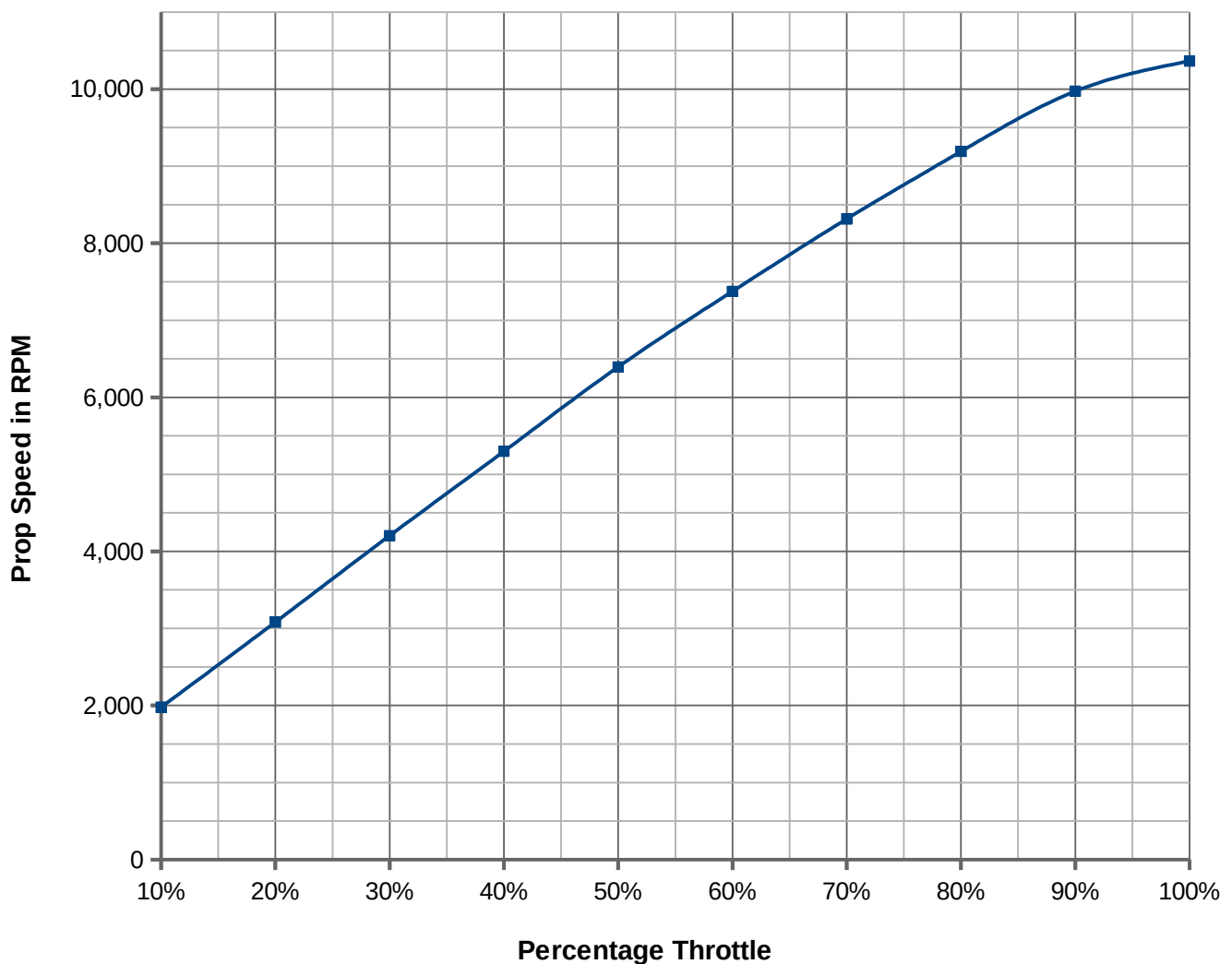
Motor Current vs Throttle Position



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

Data Collected at 11.1 volts with FC 7x4.5x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.23	2.56	1,978	27.0	0.95	10.53
20%	0.53	5.83	3,082	59.0	2.08	10.12
30%	1.09	12.12	4,204	119.0	4.19	9.82
40%	2.01	22.34	5,299	185.3	6.53	8.29
50%	3.37	37.35	6,395	271.6	9.57	7.27
60%	5.13	56.93	7,375	364.0	12.83	6.39
70%	7.31	81.10	8,315	467.4	16.47	5.76
80%	9.96	110.57	9,191	569.5	20.07	5.15
90%	12.96	143.81	9,973	669.3	23.59	4.65
100%	14.40	159.87	10,364	714.6	25.18	4.47

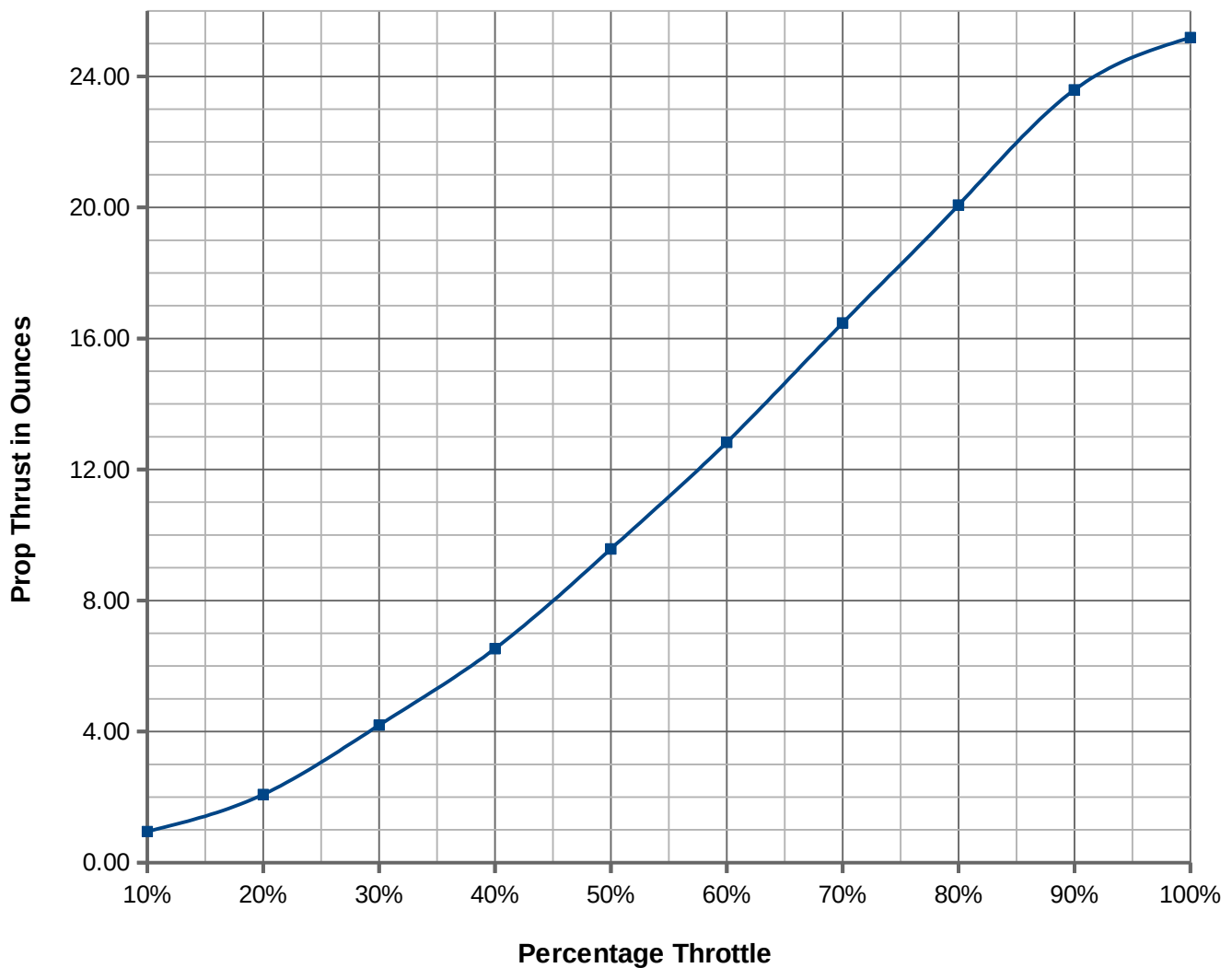
Propeller RPM vs Throttle Position



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

Data Collected at 11.1 volts with FC 7x4.5x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.23	2.56	1,978	27.0	0.95	10.53
20%	0.53	5.83	3,082	59.0	2.08	10.12
30%	1.09	12.12	4,204	119.0	4.19	9.82
40%	2.01	22.34	5,299	185.3	6.53	8.29
50%	3.37	37.35	6,395	271.6	9.57	7.27
60%	5.13	56.93	7,375	364.0	12.83	6.39
70%	7.31	81.10	8,315	467.4	16.47	5.76
80%	9.96	110.57	9,191	569.5	20.07	5.15
90%	12.96	143.81	9,973	669.3	23.59	4.65
100%	14.40	159.87	10,364	714.6	25.18	4.47

Propeller Thrust vs Throttle Position



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

Data Collected at 11.1 volts with FC 7x4.5x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.23	2.56	1,978	27.0	0.95	10.53
20%	0.53	5.83	3,082	59.0	2.08	10.12
30%	1.09	12.12	4,204	119.0	4.19	9.82
40%	2.01	22.34	5,299	185.3	6.53	8.29
50%	3.37	37.35	6,395	271.6	9.57	7.27
60%	5.13	56.93	7,375	364.0	12.83	6.39
70%	7.31	81.10	8,315	467.4	16.47	5.76
80%	9.96	110.57	9,191	569.5	20.07	5.15
90%	12.96	143.81	9,973	669.3	23.59	4.65
100%	14.40	159.87	10,364	714.6	25.18	4.47

Propeller Efficiency vs Throttle Position

