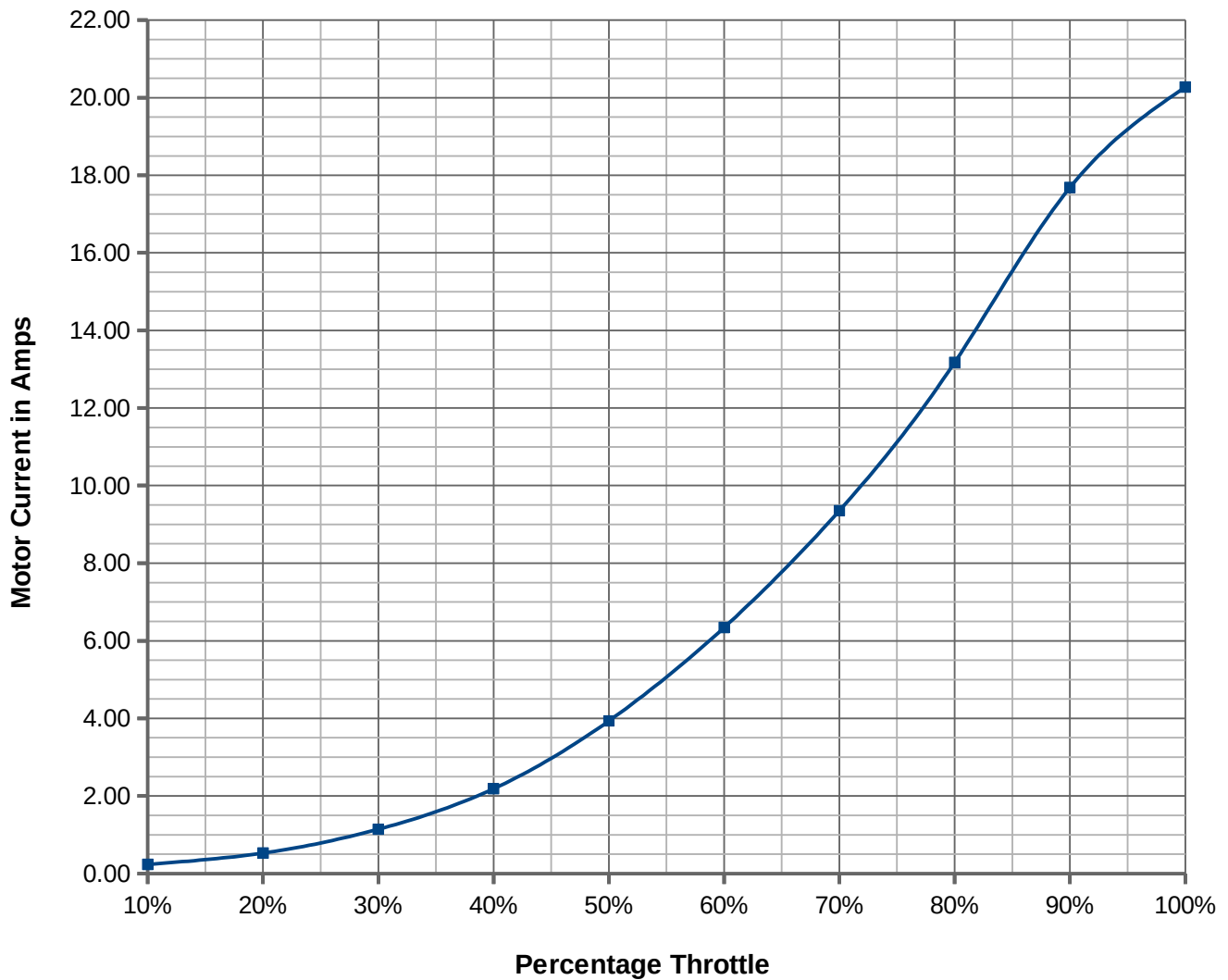


Cobra CM-4006/24 Motor Test Data, Kv=750

Data Collected at 11.1 volts with RC-Timer 12x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.24	2.63	1,083	32.5	1.15	12.35
20%	0.53	5.87	1,753	77.3	2.73	13.16
30%	1.14	12.68	2,477	156.9	5.53	12.38
40%	2.19	24.28	3,192	264.9	9.34	10.91
50%	3.94	43.68	3,929	408.5	14.41	9.35
60%	6.34	70.41	4,601	579.8	20.45	8.23
70%	9.35	103.83	5,201	757.1	26.71	7.29
80%	13.18	146.28	5,774	957.6	33.78	6.55
90%	17.69	196.31	6,306	1147.6	40.48	5.85
100%	20.27	225.03	6,533	1255.3	44.28	5.58

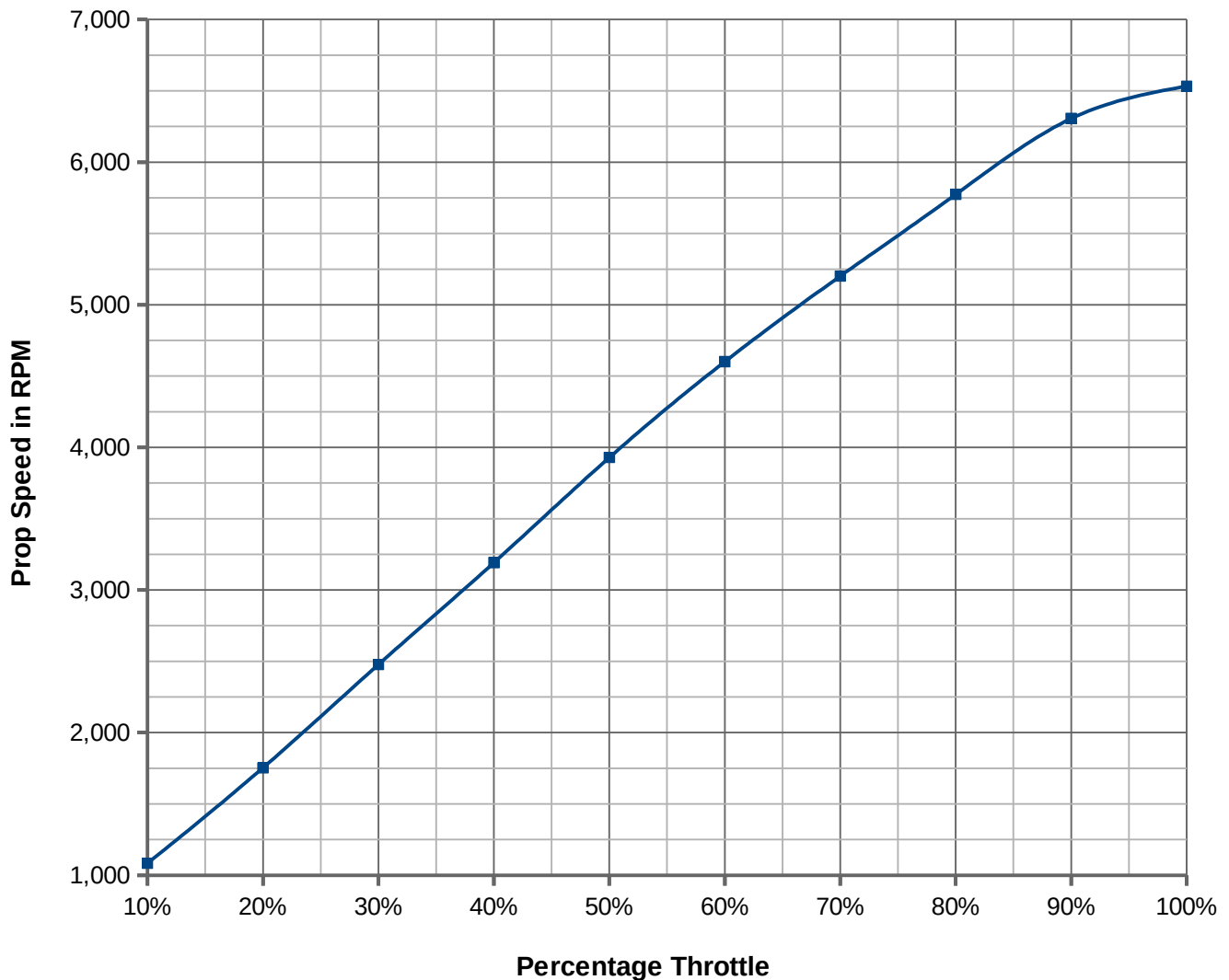
Motor Current vs Throttle Position



Cobra CM-4006/24 Motor Test Data, Kv=750

Data Collected at 11.1 volts with RC-Timer 12x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.24	2.63	1,083	32.5	1.15	12.35
20%	0.53	5.87	1,753	77.3	2.73	13.16
30%	1.14	12.68	2,477	156.9	5.53	12.38
40%	2.19	24.28	3,192	264.9	9.34	10.91
50%	3.94	43.68	3,929	408.5	14.41	9.35
60%	6.34	70.41	4,601	579.8	20.45	8.23
70%	9.35	103.83	5,201	757.1	26.71	7.29
80%	13.18	146.28	5,774	957.6	33.78	6.55
90%	17.69	196.31	6,306	1147.6	40.48	5.85
100%	20.27	225.03	6,533	1255.3	44.28	5.58

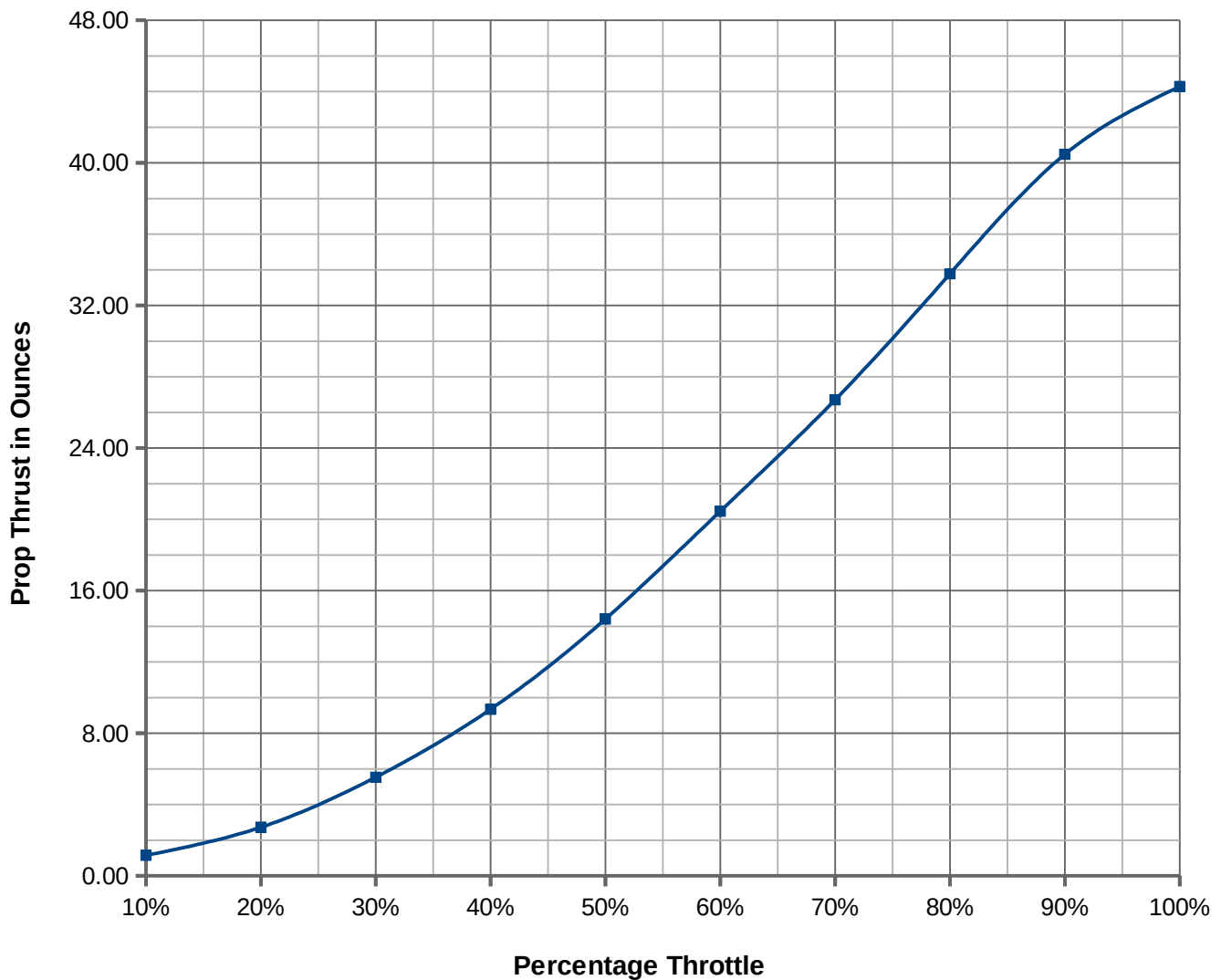
Propeller RPM vs Throttle Position



Cobra CM-4006/24 Motor Test Data, Kv=750

Data Collected at 11.1 volts with RC-Timer 12x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.24	2.63	1,083	32.5	1.15	12.35
20%	0.53	5.87	1,753	77.3	2.73	13.16
30%	1.14	12.68	2,477	156.9	5.53	12.38
40%	2.19	24.28	3,192	264.9	9.34	10.91
50%	3.94	43.68	3,929	408.5	14.41	9.35
60%	6.34	70.41	4,601	579.8	20.45	8.23
70%	9.35	103.83	5,201	757.1	26.71	7.29
80%	13.18	146.28	5,774	957.6	33.78	6.55
90%	17.69	196.31	6,306	1147.6	40.48	5.85
100%	20.27	225.03	6,533	1255.3	44.28	5.58

Propeller Thrust vs Throttle Position



Cobra CM-4006/24 Motor Test Data, Kv=750

Data Collected at 11.1 volts with RC-Timer 12x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.24	2.63	1,083	32.5	1.15	12.35
20%	0.53	5.87	1,753	77.3	2.73	13.16
30%	1.14	12.68	2,477	156.9	5.53	12.38
40%	2.19	24.28	3,192	264.9	9.34	10.91
50%	3.94	43.68	3,929	408.5	14.41	9.35
60%	6.34	70.41	4,601	579.8	20.45	8.23
70%	9.35	103.83	5,201	757.1	26.71	7.29
80%	13.18	146.28	5,774	957.6	33.78	6.55
90%	17.69	196.31	6,306	1147.6	40.48	5.85
100%	20.27	225.03	6,533	1255.3	44.28	5.58

Propeller Efficiency vs Throttle Position

