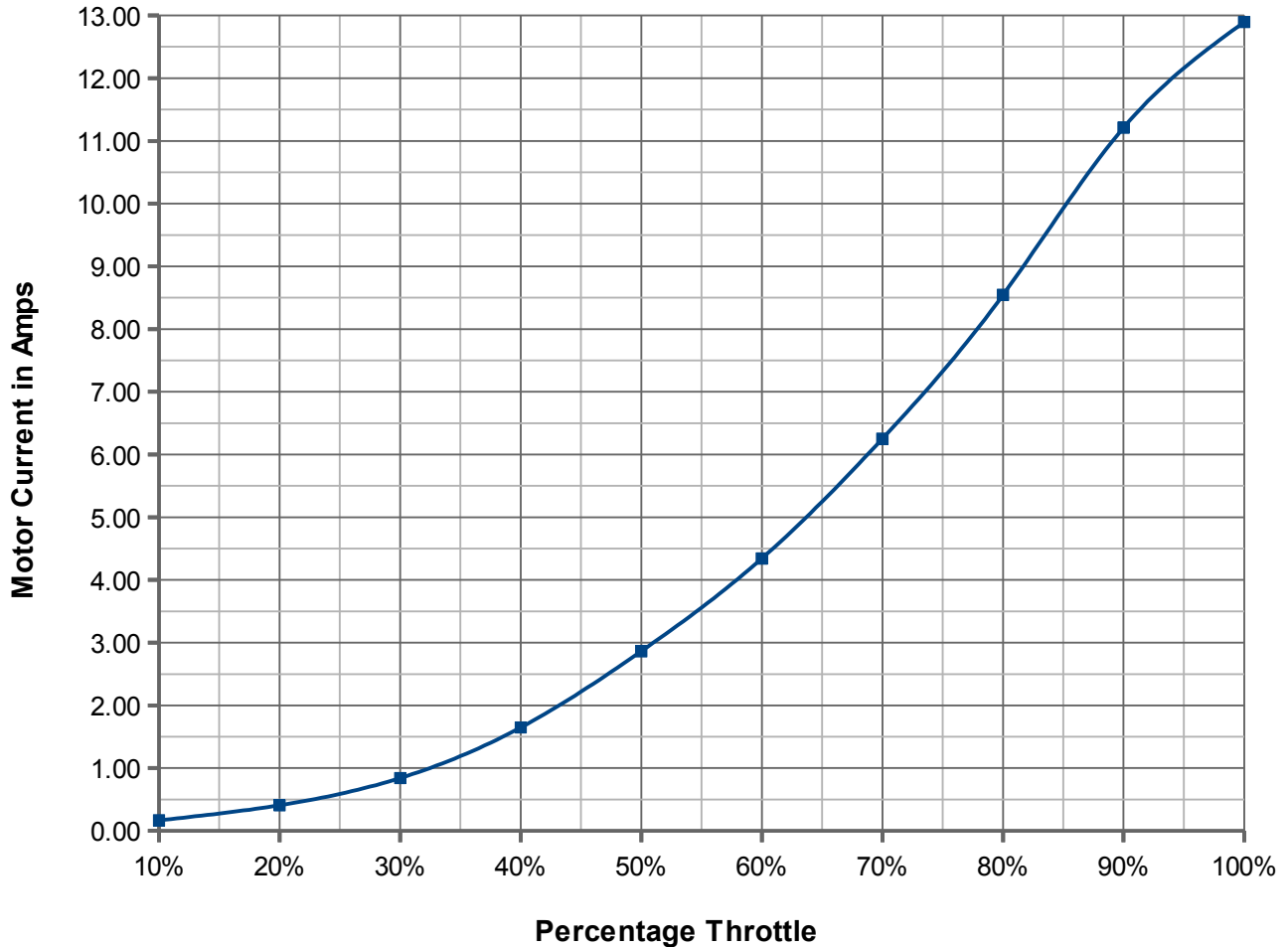


Cobra CM-2213/26 Motor Test Data, Kv=950

Data Collected at 11.1 volts with GemFan 11x4-MR Wood Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.17	1.86	1,269	28.5	1.00	15.28
20%	0.41	4.53	2,035	63.3	2.23	13.98
30%	0.84	9.35	2,749	117.2	4.13	12.54
40%	1.65	18.30	3,538	205.0	7.22	11.20
50%	2.86	31.79	4,316	314.9	11.10	9.91
60%	4.34	48.20	4,988	425.0	14.98	8.82
70%	6.25	69.39	5,615	546.6	19.26	7.88
80%	8.55	94.85	6,233	691.5	24.37	7.29
90%	11.21	124.44	6,795	812.8	28.64	6.53
100%	12.89	143.12	7,090	893.5	31.49	6.24

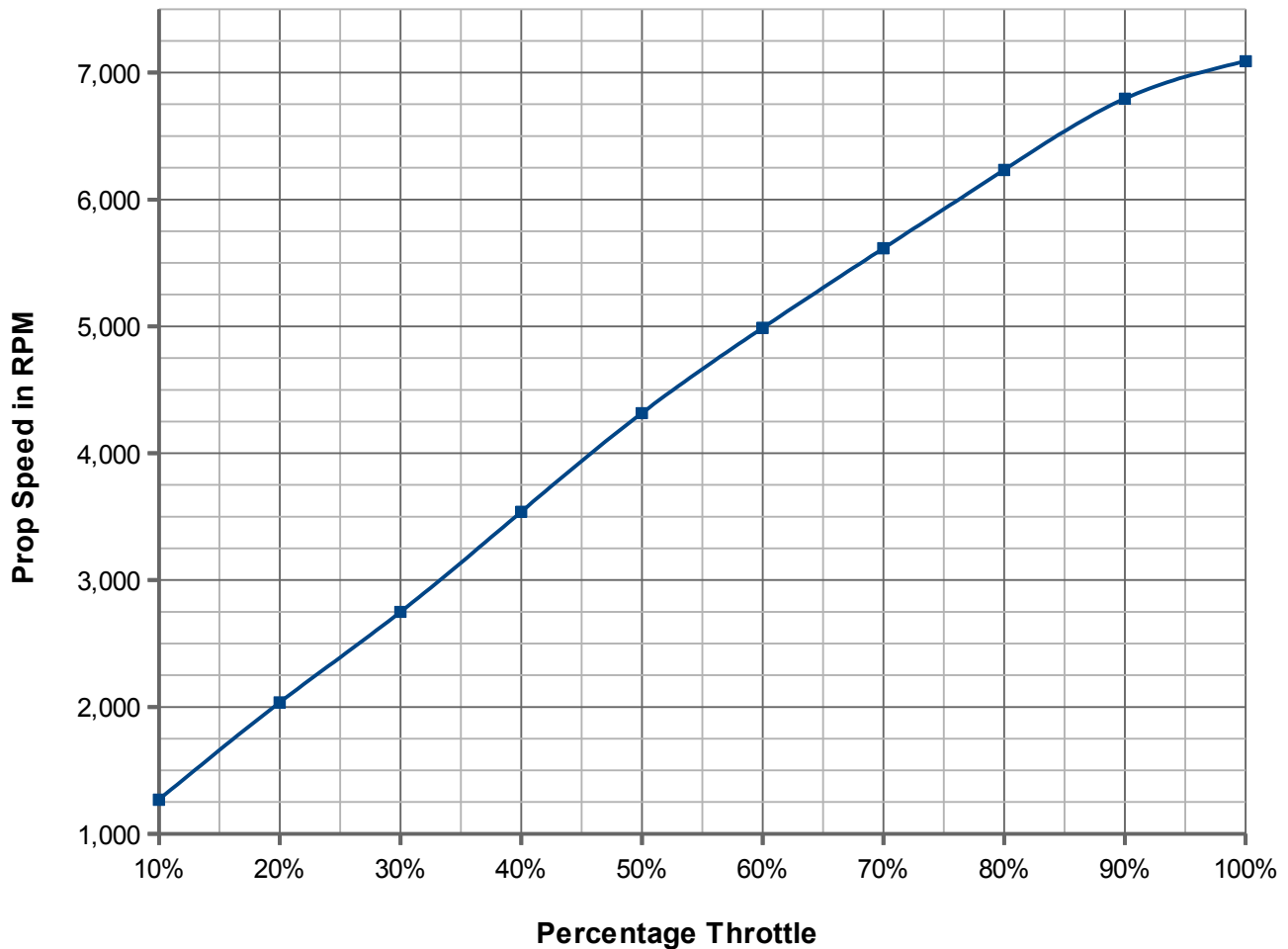
Motor Current vs Throttle Position



Cobra CM-2213/26 Motor Test Data, Kv=950

Data Collected at 11.1 volts with GemFan 11x4-MR Wood Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.17	1.86	1,269	28.5	1.00	15.28
20%	0.41	4.53	2,035	63.3	2.23	13.98
30%	0.84	9.35	2,749	117.2	4.13	12.54
40%	1.65	18.30	3,538	205.0	7.22	11.20
50%	2.86	31.79	4,316	314.9	11.10	9.91
60%	4.34	48.20	4,988	425.0	14.98	8.82
70%	6.25	69.39	5,615	546.6	19.26	7.88
80%	8.55	94.85	6,233	691.5	24.37	7.29
90%	11.21	124.44	6,795	812.8	28.64	6.53
100%	12.89	143.12	7,090	893.5	31.49	6.24

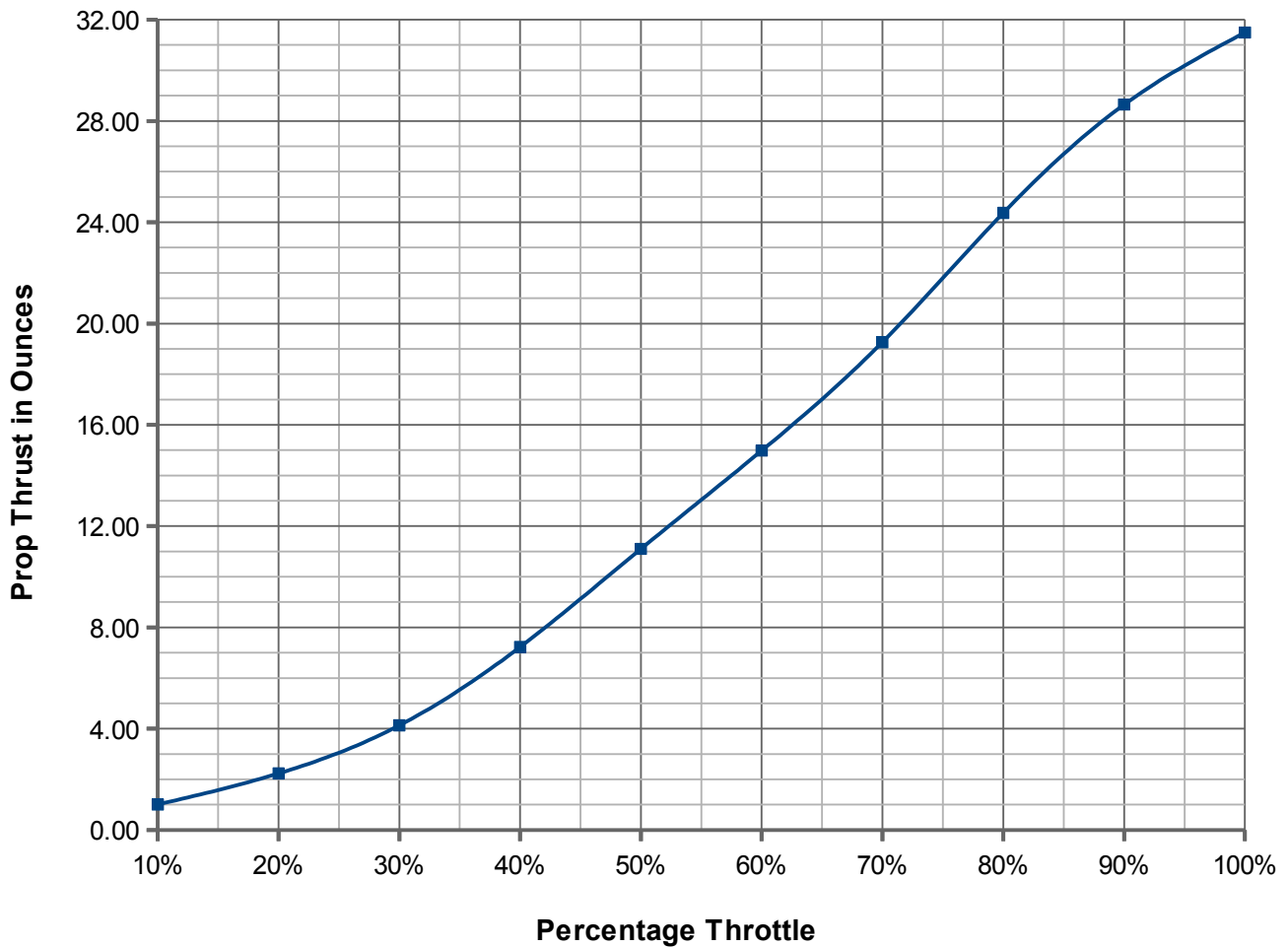
Propeller RPM vs Throttle Position



Cobra CM-2213/26 Motor Test Data, Kv=950

Data Collected at 11.1 volts with GemFan 11x4-MR Wood Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.17	1.86	1,269	28.5	1.00	15.28
20%	0.41	4.53	2,035	63.3	2.23	13.98
30%	0.84	9.35	2,749	117.2	4.13	12.54
40%	1.65	18.30	3,538	205.0	7.22	11.20
50%	2.86	31.79	4,316	314.9	11.10	9.91
60%	4.34	48.20	4,988	425.0	14.98	8.82
70%	6.25	69.39	5,615	546.6	19.26	7.88
80%	8.55	94.85	6,233	691.5	24.37	7.29
90%	11.21	124.44	6,795	812.8	28.64	6.53
100%	12.89	143.12	7,090	893.5	31.49	6.24

Propeller Thrust vs Throttle Position



Cobra CM-2213/26 Motor Test Data, Kv=950

Data Collected at 11.1 volts with GemFan 11x4-MR Wood Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.17	1.86	1,269	28.5	1.00	15.28
20%	0.41	4.53	2,035	63.3	2.23	13.98
30%	0.84	9.35	2,749	117.2	4.13	12.54
40%	1.65	18.30	3,538	205.0	7.22	11.20
50%	2.86	31.79	4,316	314.9	11.10	9.91
60%	4.34	48.20	4,988	425.0	14.98	8.82
70%	6.25	69.39	5,615	546.6	19.26	7.88
80%	8.55	94.85	6,233	691.5	24.37	7.29
90%	11.21	124.44	6,795	812.8	28.64	6.53
100%	12.89	143.12	7,090	893.5	31.49	6.24

Propeller Efficiency vs Throttle Position

