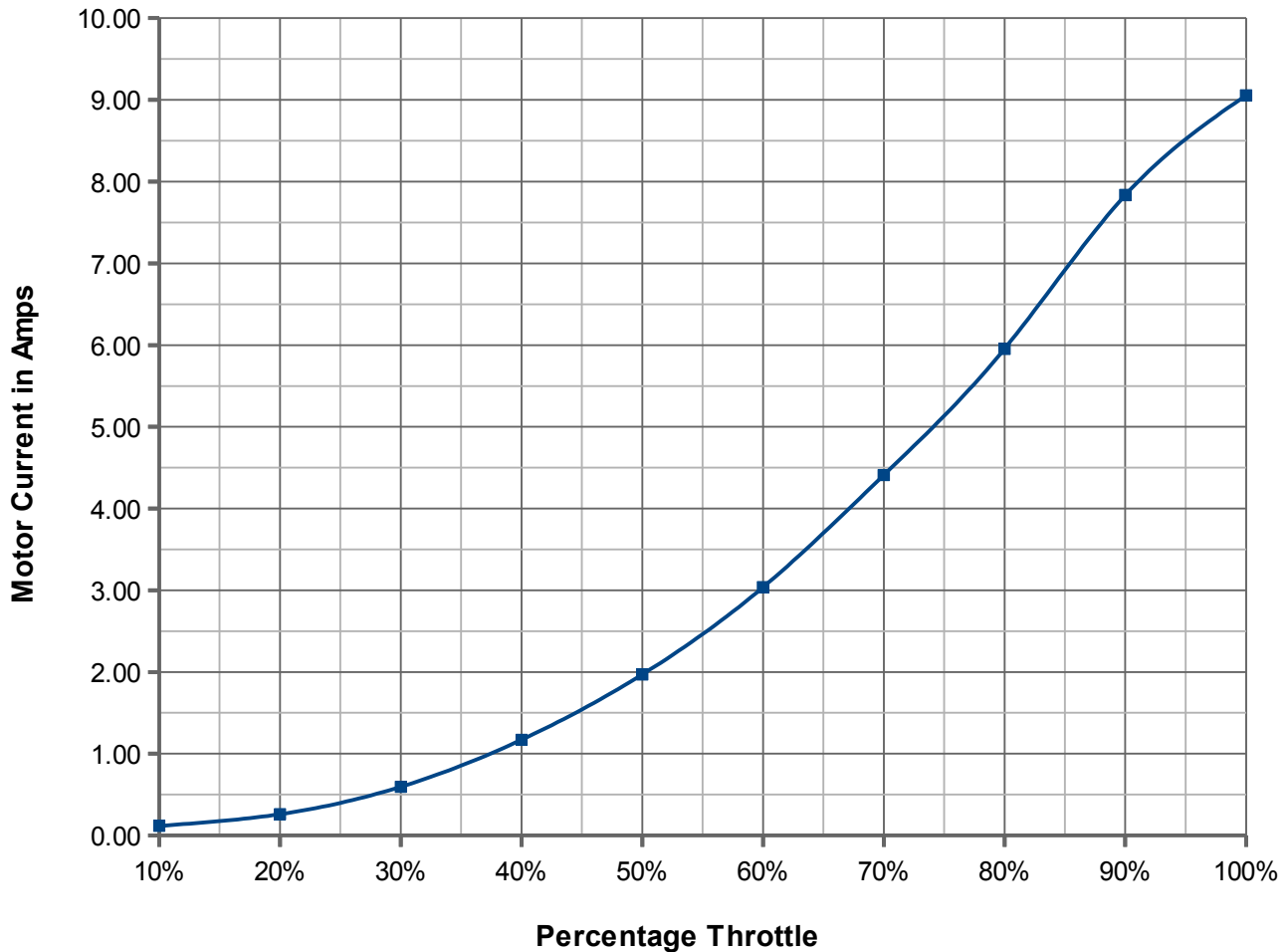


Cobra CM-2213-36 Motor Test Data, Kv=740

Data Collected at 11.1 volts with GemFan 12x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.12	1.30	804	21.8	0.77	16.79
20%	0.26	2.89	1,305	45.2	1.59	15.66
30%	0.60	6.60	1,872	93.2	3.28	14.11
40%	1.17	12.99	2,424	162.8	5.74	12.54
50%	1.97	21.87	2,950	240.5	8.48	11.00
60%	3.04	33.70	3,425	330.9	11.66	9.82
70%	4.41	48.94	3,866	427.6	15.07	8.74
80%	5.96	66.10	4,291	522.9	18.43	7.91
90%	7.84	86.98	4,642	632.2	22.28	7.27
100%	9.06	100.52	4,843	693.2	24.43	6.90

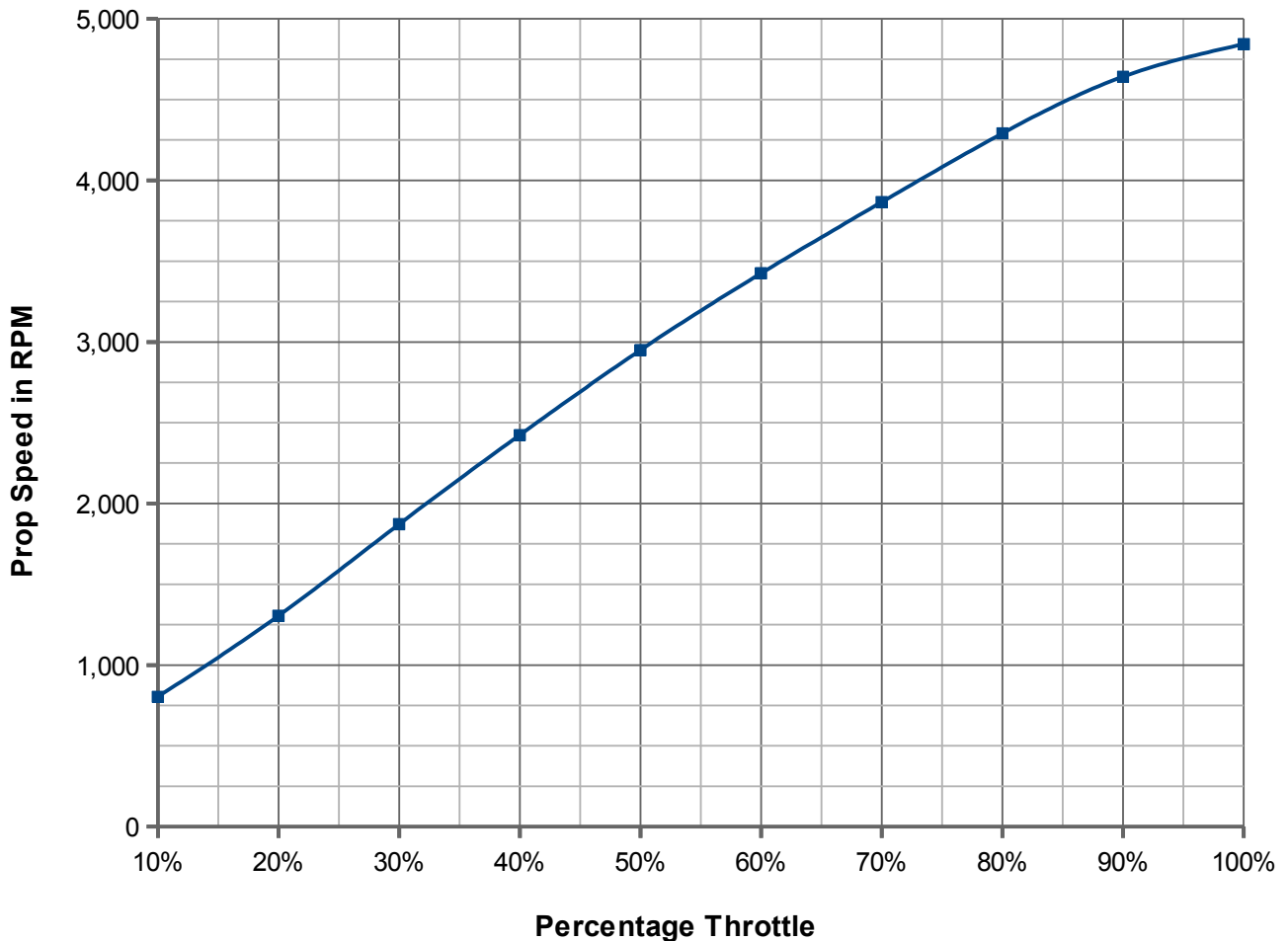
Motor Current vs Throttle Position



Cobra CM-2213-36 Motor Test Data, Kv=740

Data Collected at 11.1 volts with GemFan 12x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.12	1.30	804	21.8	0.77	16.79
20%	0.26	2.89	1,305	45.2	1.59	15.66
30%	0.60	6.60	1,872	93.2	3.28	14.11
40%	1.17	12.99	2,424	162.8	5.74	12.54
50%	1.97	21.87	2,950	240.5	8.48	11.00
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70%	4.41	48.94	3,866	427.6	15.07	8.74
80%	5.96	66.10	4,291	522.9	18.43	7.91
90%	7.84	86.98	4,642	632.2	22.28	7.27
100%	9.06	100.52	4,843	693.2	24.43	6.90

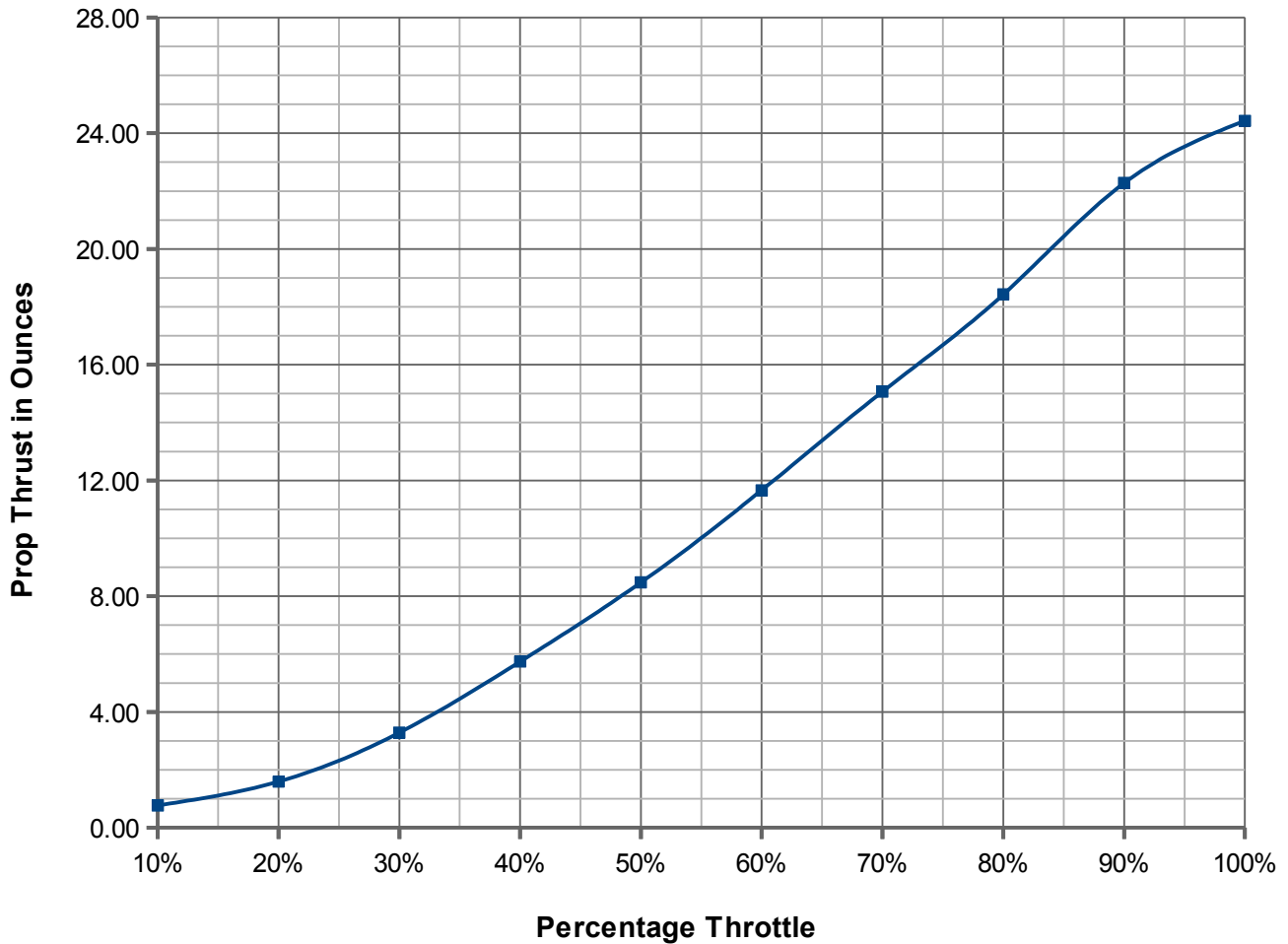
Propeller RPM vs Throttle Position



Cobra CM-2213-36 Motor Test Data, Kv=740

Data Collected at 11.1 volts with GemFan 12x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.12	1.30	804	21.8	0.77	16.79
20%	0.26	2.89	1,305	45.2	1.59	15.66
30%	0.60	6.60	1,872	93.2	3.28	14.11
40%	1.17	12.99	2,424	162.8	5.74	12.54
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70%	4.41	48.94	3,866	427.6	15.07	8.74
80%	5.96	66.10	4,291	522.9	18.43	7.91
90%	7.84	86.98	4,642	632.2	22.28	7.27
100%	9.06	100.52	4,843	693.2	24.43	6.90

Propeller Thrust vs Throttle Position



Cobra CM-2213-36 Motor Test Data, Kv=740

Data Collected at 11.1 volts with GemFan 12x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.12	1.30	804	21.8	0.77	16.79
20%	0.26	2.89	1,305	45.2	1.59	15.66
30%	0.60	6.60	1,872	93.2	3.28	14.11
40%	1.17	12.99	2,424	162.8	5.74	12.54
50%	1.97	21.87	2,950	240.5	8.48	11.00
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70%	4.41	48.94	3,866	427.6	15.07	8.74
80%	5.96	66.10	4,291	522.9	18.43	7.91
90%	7.84	86.98	4,642	632.2	22.28	7.27
100%	9.06	100.52	4,843	693.2	24.43	6.90

Propeller Efficiency vs Throttle Position

