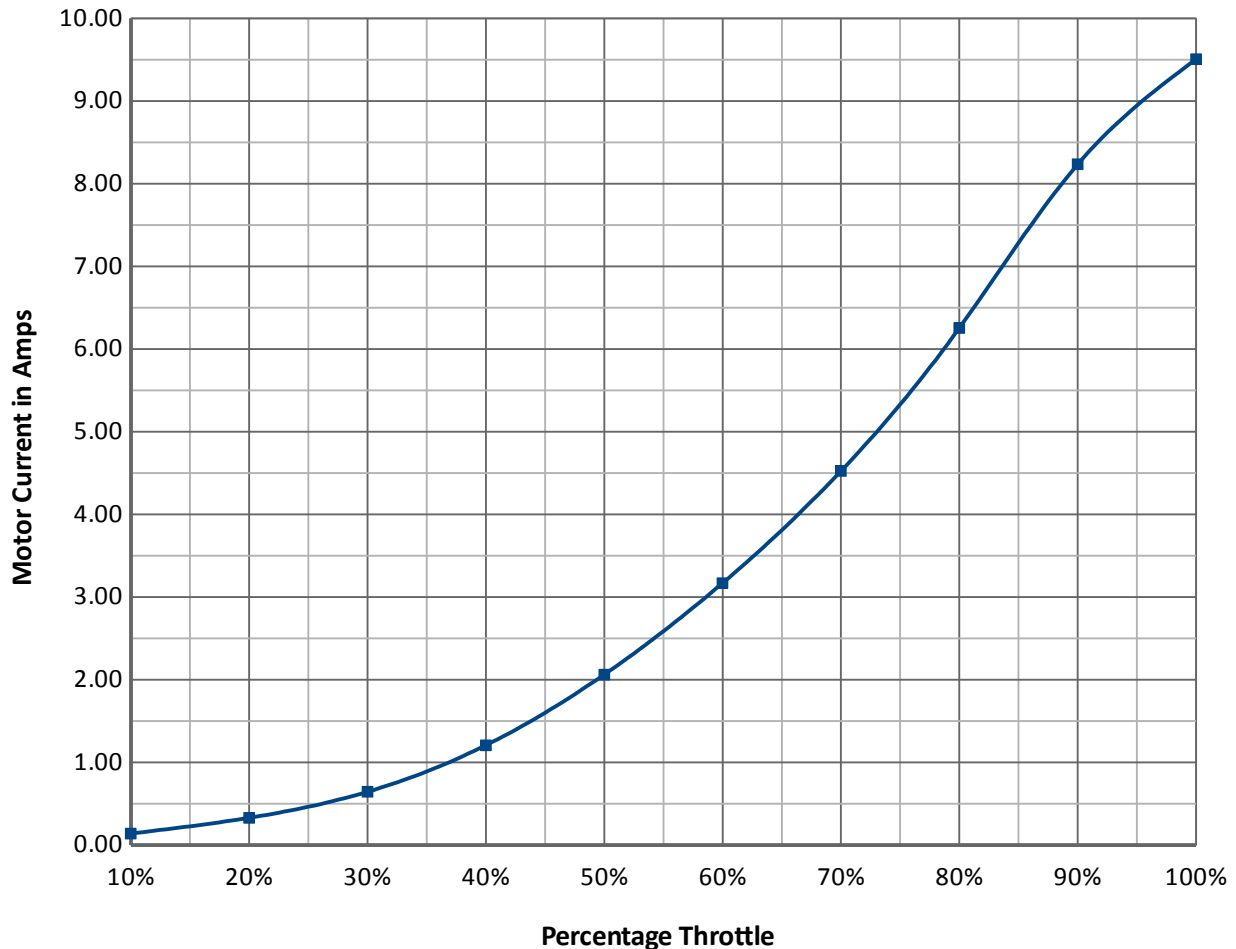


Cobra CM-2213-36 Motor Test Data, Kv=740

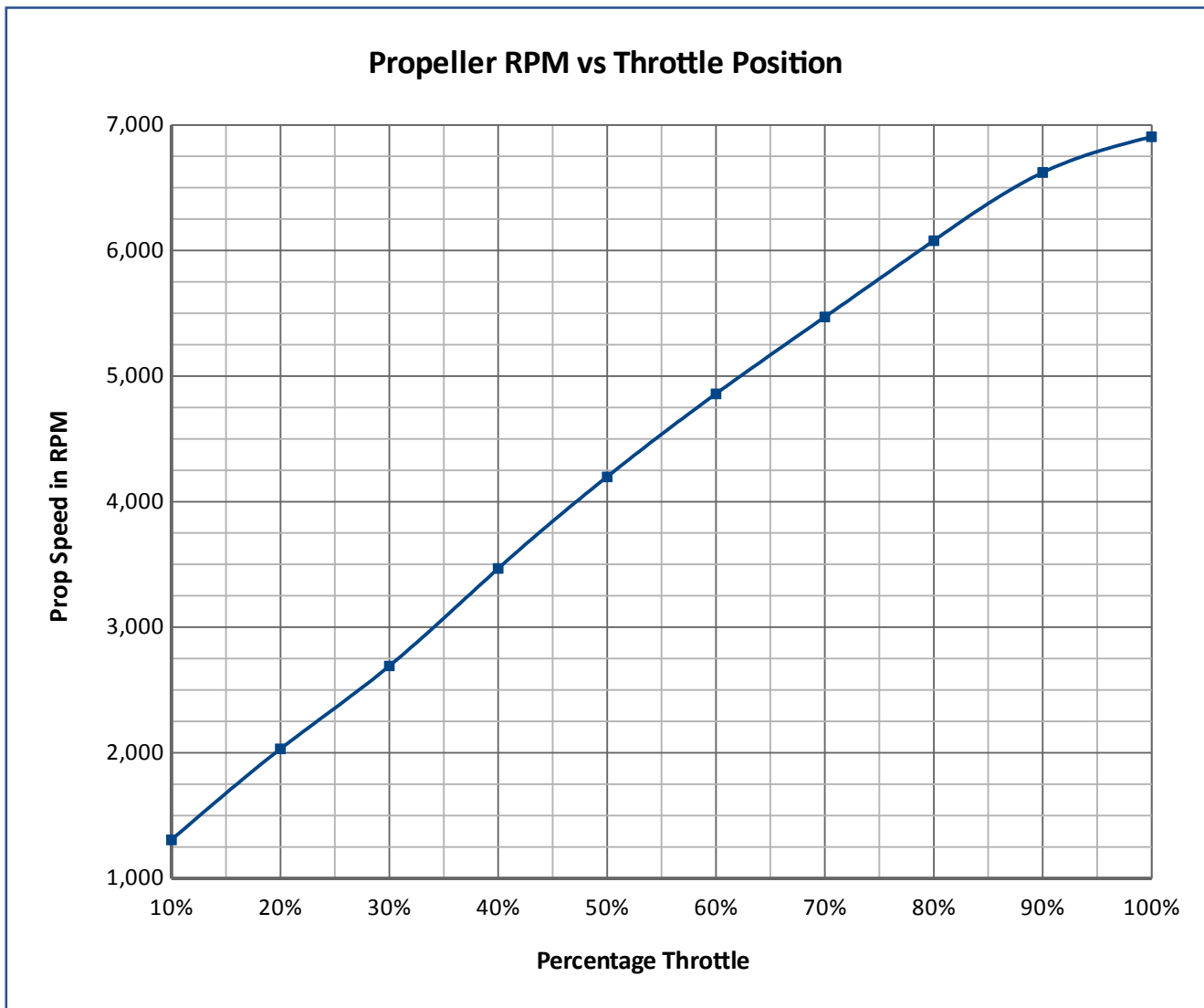
Data Collected at 14.8 volts with GemFan 10x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.14	2.04	1,306	30.2	1.06	14.79
20%	0.33	4.87	2,030	71.1	2.51	14.60
30%	0.64	9.53	2,691	123.7	4.36	12.98
40%	1.21	17.86	3,467	203.8	7.18	11.41
50%	2.06	30.52	4,198	306.7	10.81	10.05
60%	3.17	46.89	4,859	414.9	14.62	8.85
70%	4.52	66.94	5,471	533.5	18.80	7.97
80%	6.26	92.57	6,079	659.1	23.23	7.12
90%	8.23	121.86	6,621	792.4	27.93	6.50
100%	9.51	140.70	6,906	858.2	30.24	6.10

Motor Current vs Throttle Position



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

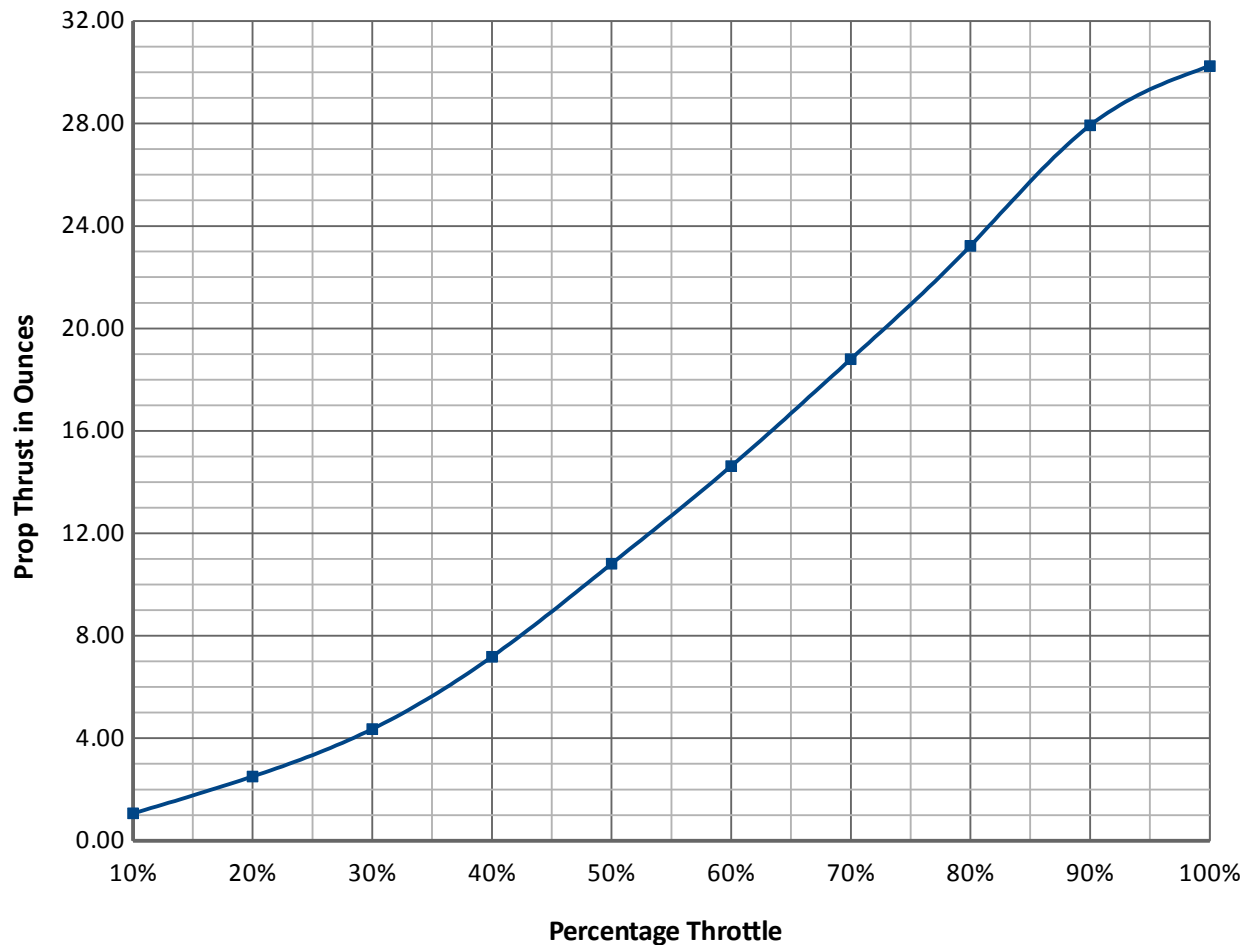
Data Collected at 14.8 volts with GemFan 10x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.14	2.04	1,306	30.2	1.06	14.79
20%	0.33	4.87	2,030	71.1	2.51	14.60
30%	0.64	9.53	2,691	123.7	4.36	12.98
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100%	9.51	140.70	6,906	858.2	30.24	6.10



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

Data Collected at 14.8 volts with GemFan 10x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.14	2.04	1,306	30.2	1.06	14.79
20%	0.33	4.87	2,030	71.1	2.51	14.60
30%	0.64	9.53	2,691	123.7	4.36	12.98
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70%	4.52	66.94	5,471	533.5	18.80	7.97
80%	6.26	92.57	6,079	659.1	23.23	7.12
90%	8.23	121.86	6,621	792.4	27.93	6.50
100%	9.51	140.70	6,906	858.2	30.24	6.10

Propeller Thrust vs Throttle Position



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

Data Collected at 14.8 volts with GemFan 10x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.14	2.04	1,306	30.2	1.06	14.79
20%	0.33	4.87	2,030	71.1	2.51	14.60
30%	0.64	9.53	2,691	123.7	4.36	12.98
40%	1.21	17.86	3,467	203.8	7.18	11.41
50%	2.06	30.52	4,198	306.7	10.81	10.05
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90%	8.23	121.86	6,621	792.4	27.93	6.50
100%	9.51	140.70	6,906	858.2	30.24	6.10

