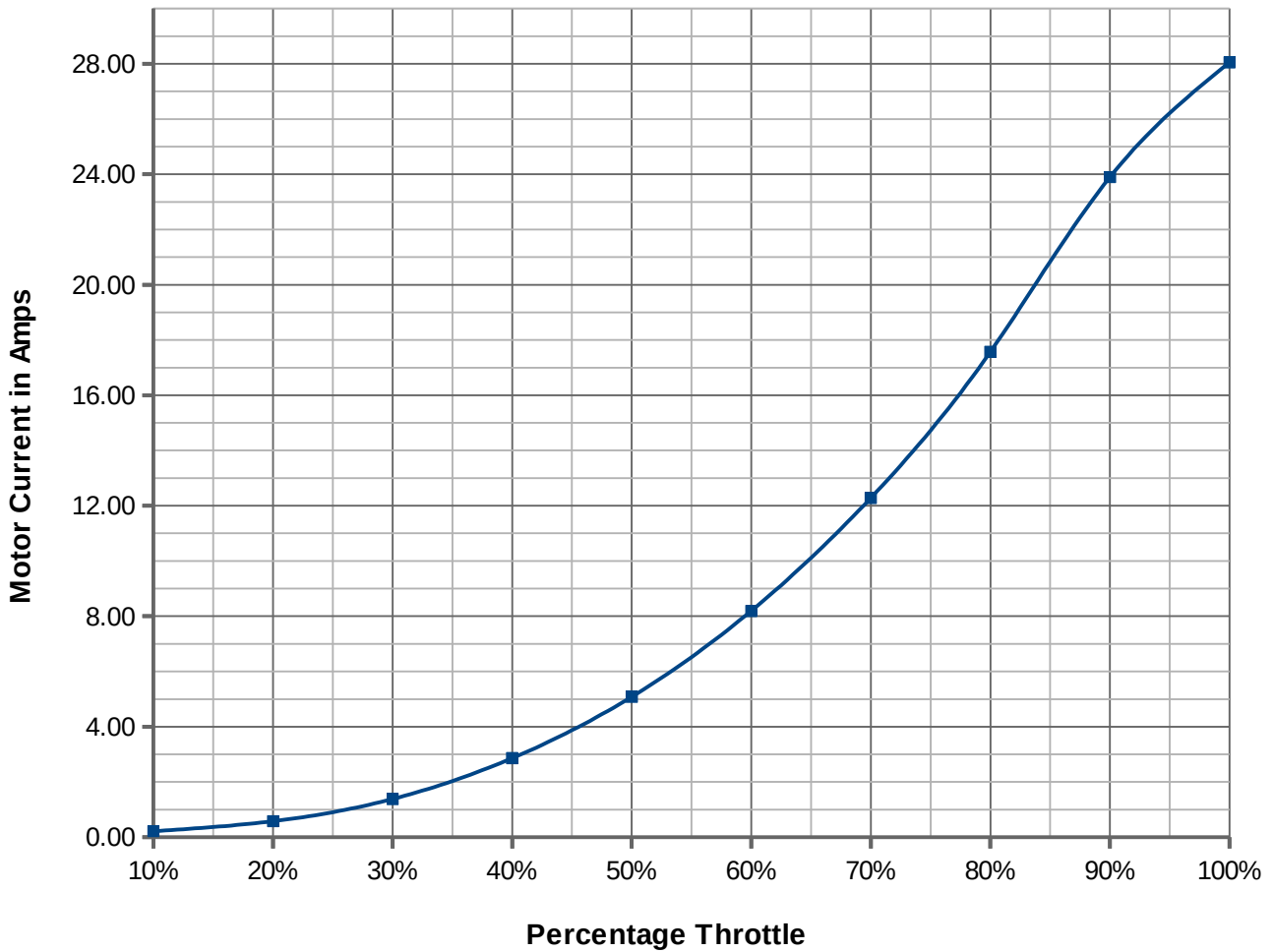


Cobra CM-3515-20 Motor Test Data, Kv=650

Data Collected at 14.8 volts with RC-Timer 13x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.22	3.23	1,123	42.3	1.49	13.11
20%	0.58	8.57	1,845	115.2	4.06	13.44
30%	1.38	20.45	2,668	249.4	8.79	12.19
40%	2.86	42.34	3,445	443.7	15.64	10.48
50%	5.08	75.20	4,197	670.8	23.64	8.92
60%	8.19	121.23	4,876	929.8	32.77	7.67
70%	12.28	181.73	5,512	1213.1	42.75	6.68
80%	17.57	260.10	6,101	1541.2	54.32	5.93
90%	23.90	353.68	6,628	1863.9	65.69	5.27
100%	28.05	415.20	6,916	2056.7	72.48	4.95

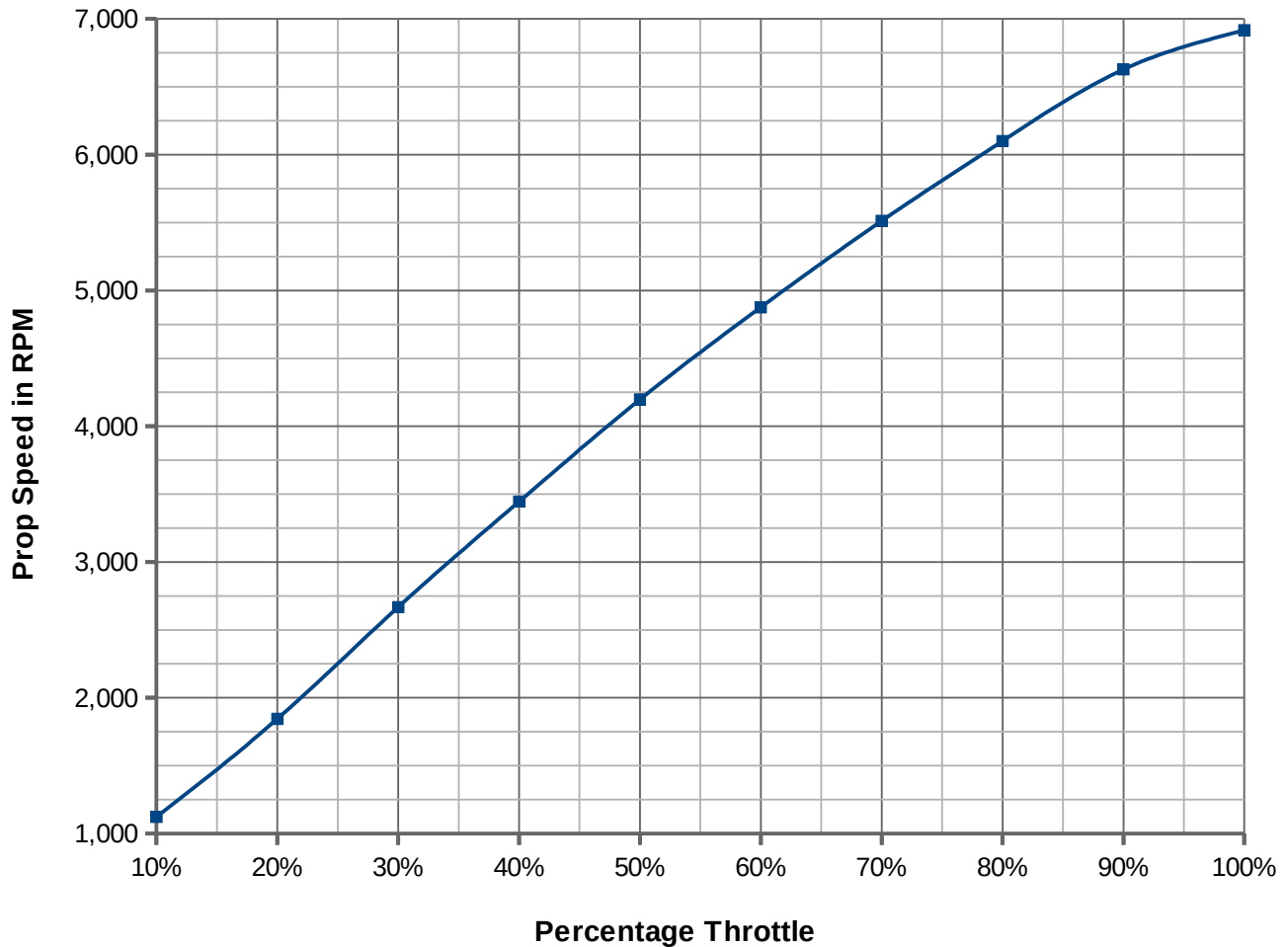
Motor Current vs Throttle Position



Cobra CM-3515-20 Motor Test Data, Kv=650

Data Collected at 14.8 volts with RC-Timer 13x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.22	3.23	1,123	42.3	1.49	13.11
20%	0.58	8.57	1,845	115.2	4.06	13.44
30%	1.38	20.45	2,668	249.4	8.79	12.19
40%	2.86	42.34	3,445	443.7	15.64	10.48
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90%	23.90	353.68	6,628	1863.9	65.69	5.27
100%	28.05	415.20	6,916	2056.7	72.48	4.95

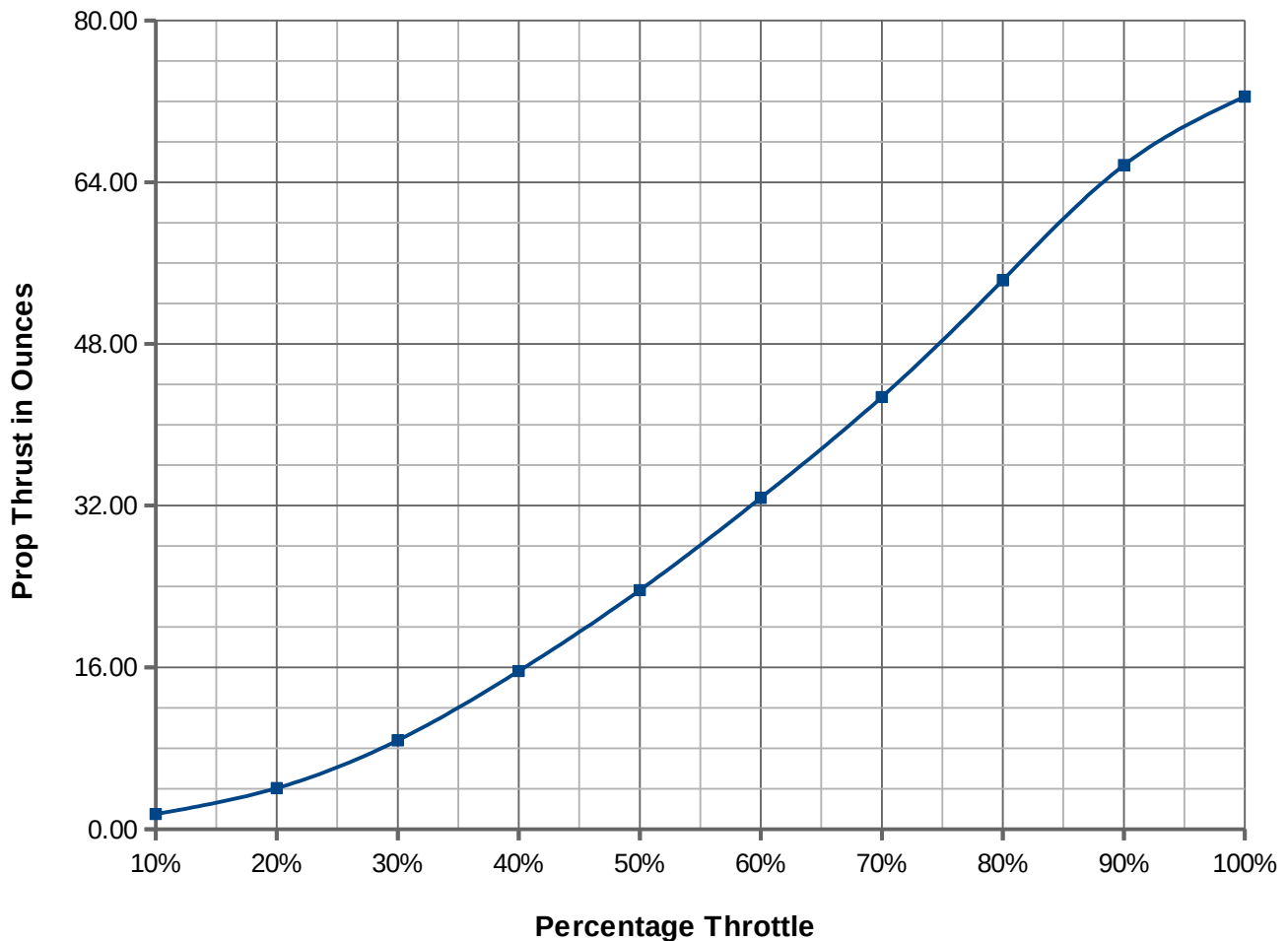
Propeller RPM vs Throttle Position



Cobra CM-3515-20 Motor Test Data, Kv=650

Data Collected at 14.8 volts with RC-Timer 13x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.22	3.23	1,123	42.3	1.49	13.11
20%	0.58	8.57	1,845	115.2	4.06	13.44
30%	1.38	20.45	2,668	249.4	8.79	12.19
40%	2.86	42.34	3,445	443.7	15.64	10.48
50%	5.08	75.20	4,197	670.8	23.64	8.92
60%	8.19	121.23	4,876	929.8	32.77	7.67
70%	12.28	181.73	5,512	1213.1	42.75	6.68
80%	17.57	260.10	6,101	1541.2	54.32	5.93
90%	23.90	353.68	6,628	1863.9	65.69	5.27
100%	28.05	415.20	6,916	2056.7	72.48	4.95

Propeller Thrust vs Throttle Position



Cobra CM-3515-20 Motor Test Data, Kv=650

Data Collected at 14.8 volts with RC-Timer 13x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.22	3.23	1,123	42.3	1.49	13.11
20%	0.58	8.57	1,845	115.2	4.06	13.44
30%	1.38	20.45	2,668	249.4	8.79	12.19
40%	2.86	42.34	3,445	443.7	15.64	10.48
50%	5.08	75.20	4,197	670.8	23.64	8.92
60%	8.19	121.23	4,876	929.8	32.77	7.67
70%	12.28	181.73	5,512	1213.1	42.75	6.68
80%	17.57	260.10	6,101	1541.2	54.32	5.93
90%	23.90	353.68	6,628	1863.9	65.69	5.27
100%	28.05	415.20	6,916	2056.7	72.48	4.95

Propeller Efficiency vs Throttle Position

