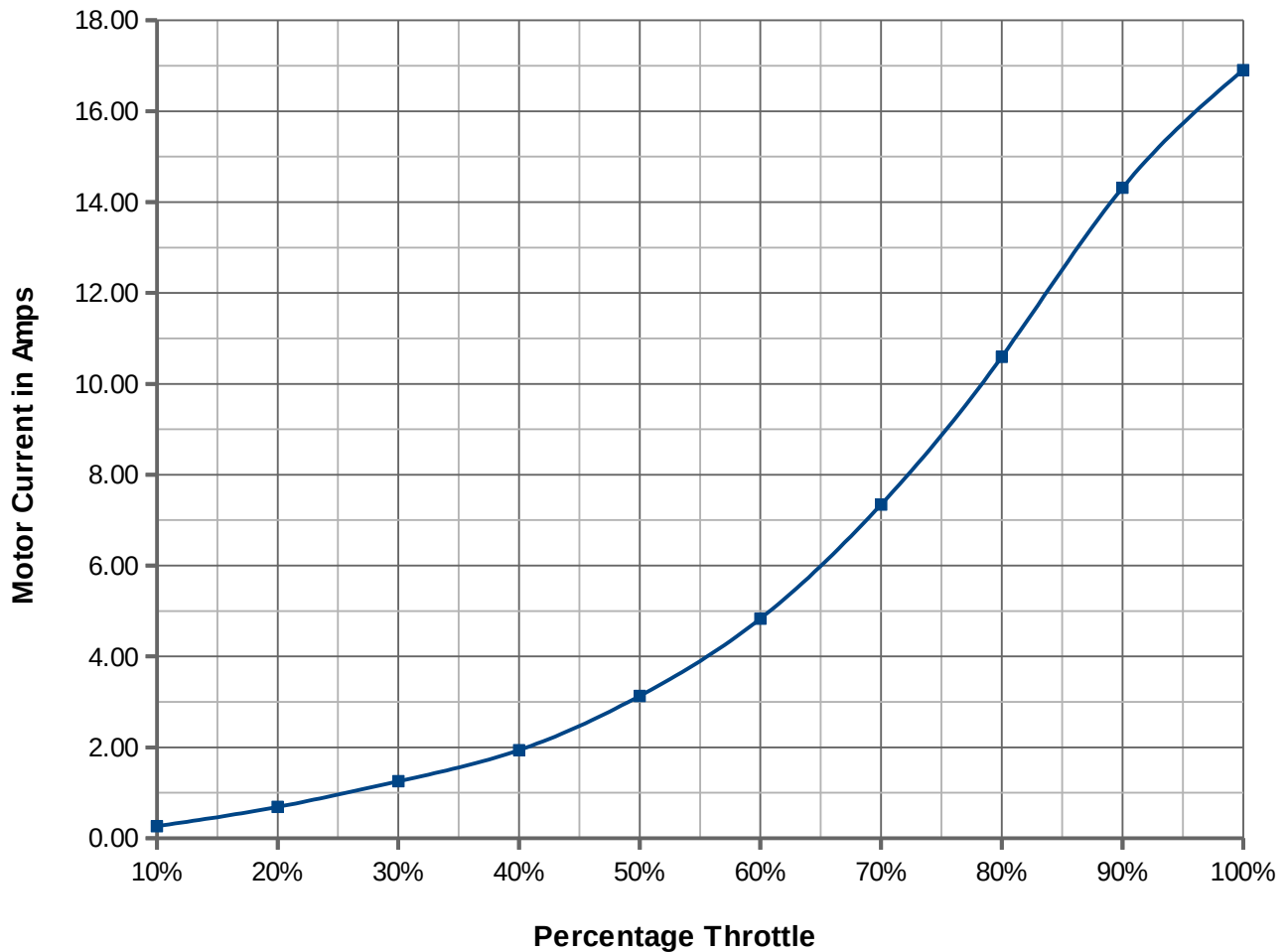


Cobra CM-2814/24 Motor Test Data, Kv=700

Data Collected at 14.8 volts with RC-Timer 11x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.27	3.95	1,808	52.2	1.84	13.21
20%	0.69	10.20	2,728	127.2	4.48	12.47
30%	1.25	18.56	3,450	210.1	7.40	11.32
40%	1.94	28.70	4,072	290.1	10.22	10.11
50%	3.13	46.34	4,833	416.3	14.67	8.98
60%	4.83	71.53	5,632	576.2	20.31	8.06
70%	7.34	108.68	6,451	781.1	27.53	7.19
80%	10.59	156.79	7,215	1008.6	35.55	6.43
90%	14.31	211.85	7,958	1213.4	42.76	5.73
100%	16.91	250.24	8,337	1356.2	47.80	5.42

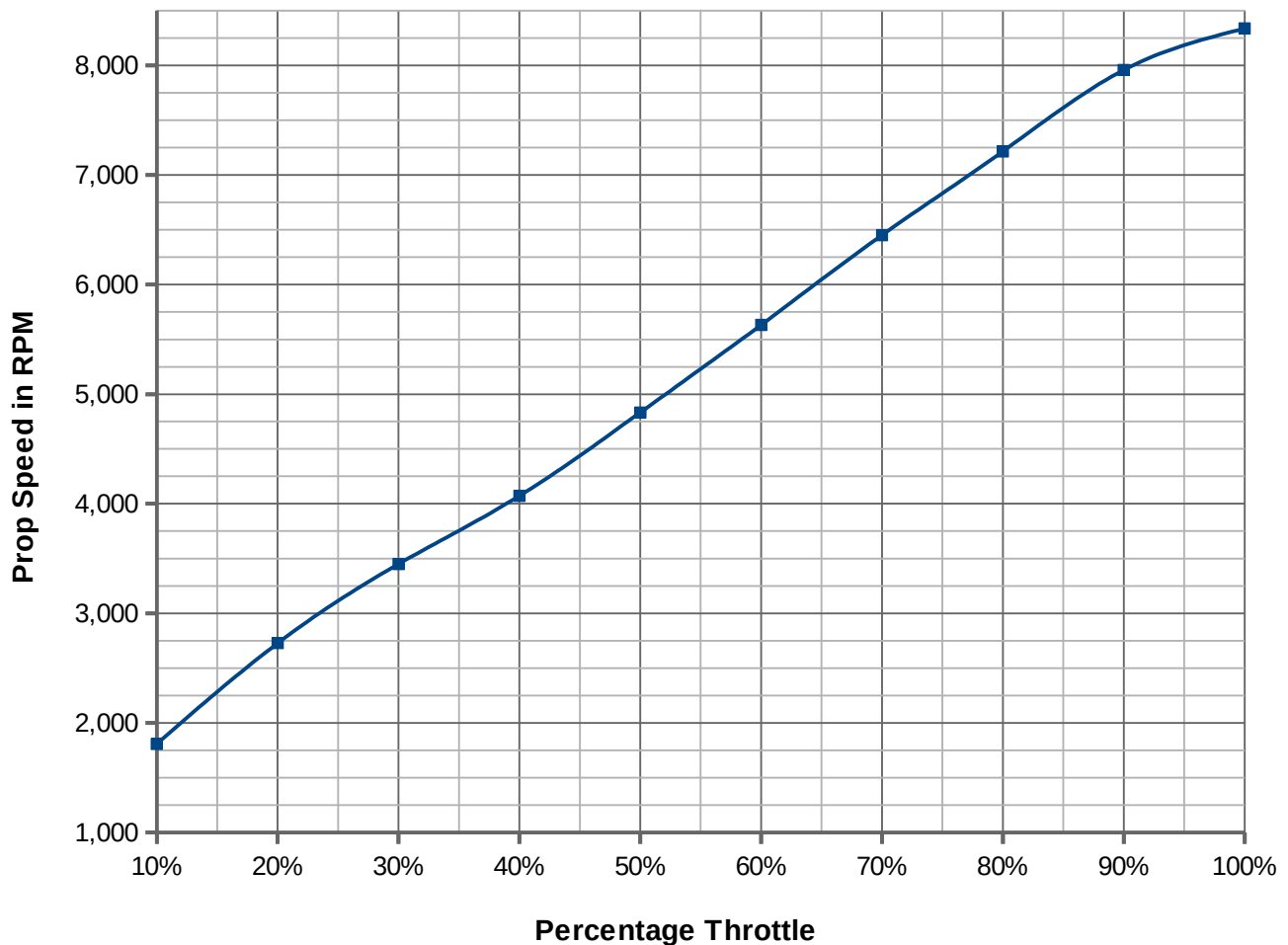
Motor Current vs Throttle Position



Cobra CM-2814/24 Motor Test Data, Kv=700

Data Collected at 14.8 volts with RC-Timer 11x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.27	3.95	1,808	52.2	1.84	13.21
20%	0.69	10.20	2,728	127.2	4.48	12.47
30%	1.25	18.56	3,450	210.1	7.40	11.32
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90%	14.31	211.85	7,958	1213.4	42.76	5.73
100%	16.91	250.24	8,337	1356.2	47.80	5.42

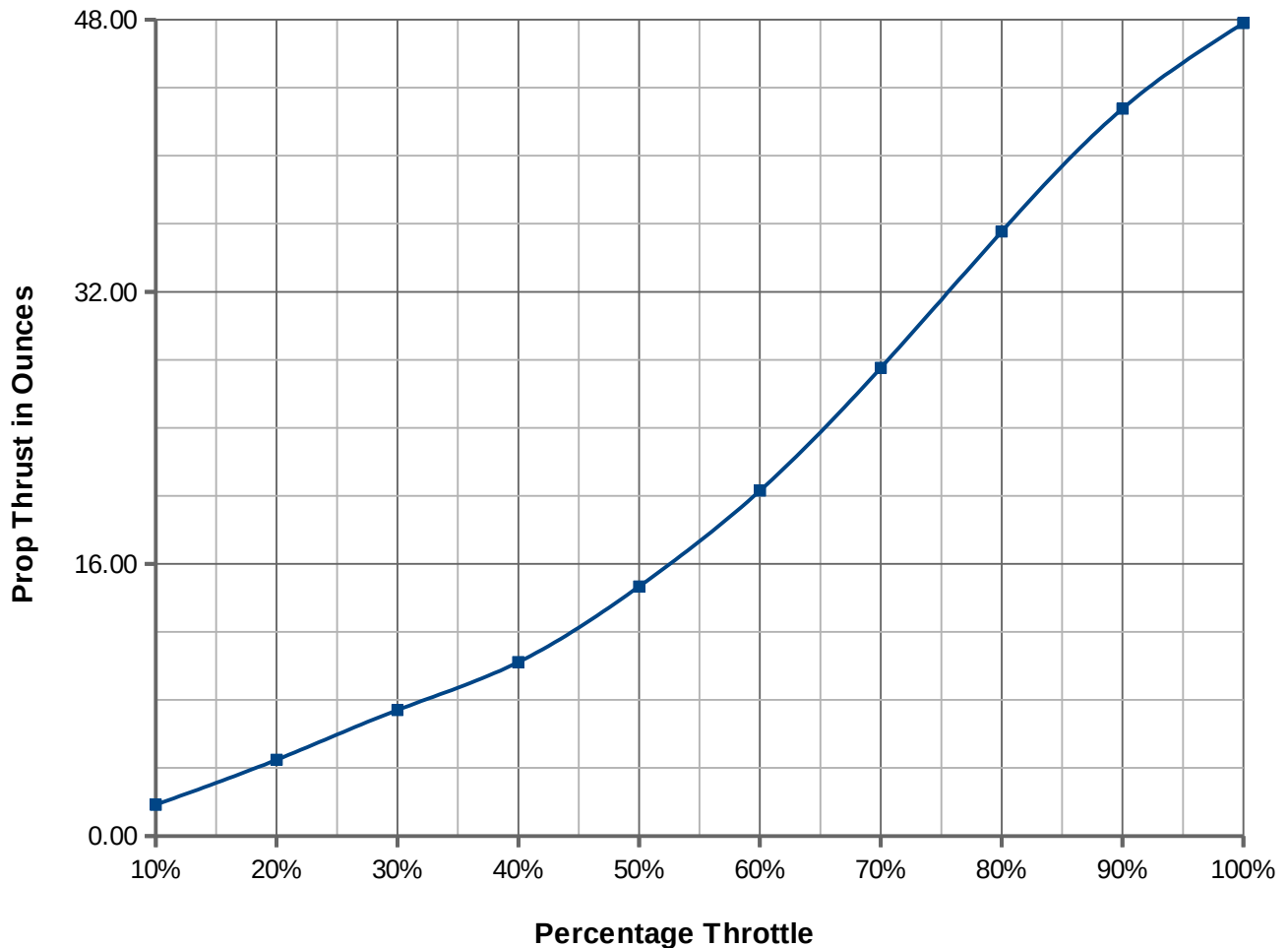
Propeller RPM vs Throttle Position



Cobra CM-2814/24 Motor Test Data, Kv=700

Data Collected at 14.8 volts with RC-Timer 11x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.27	3.95	1,808	52.2	1.84	13.21
20%	0.69	10.20	2,728	127.2	4.48	12.47
30%	1.25	18.56	3,450	210.1	7.40	11.32
40%	1.94	28.70	4,072	290.1	10.22	10.11
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70%	7.34	108.68	6,451	781.1	27.53	7.19
80%	10.59	156.79	7,215	1008.6	35.55	6.43
90%	14.31	211.85	7,958	1213.4	42.76	5.73
100%	16.91	250.24	8,337	1356.2	47.80	5.42

Propeller Thrust vs Throttle Position



Cobra CM-2814/24 Motor Test Data, Kv=700

Data Collected at 14.8 volts with RC-Timer 11x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.27	3.95	1,808	52.2	1.84	13.21
20%	0.69	10.20	2,728	127.2	4.48	12.47
30%	1.25	18.56	3,450	210.1	7.40	11.32
40%	1.94	28.70	4,072	290.1	10.22	10.11
50%	3.13	46.34	4,833	416.3	14.67	8.98
60%	4.83	71.53	5,632	576.2	20.31	8.06
70%	7.34	108.68	6,451	781.1	27.53	7.19
80%	10.59	156.79	7,215	1008.6	35.55	6.43
90%	14.31	211.85	7,958	1213.4	42.76	5.73
100%	16.91	250.24	8,337	1356.2	47.80	5.42

Propeller Efficiency vs Throttle Position

