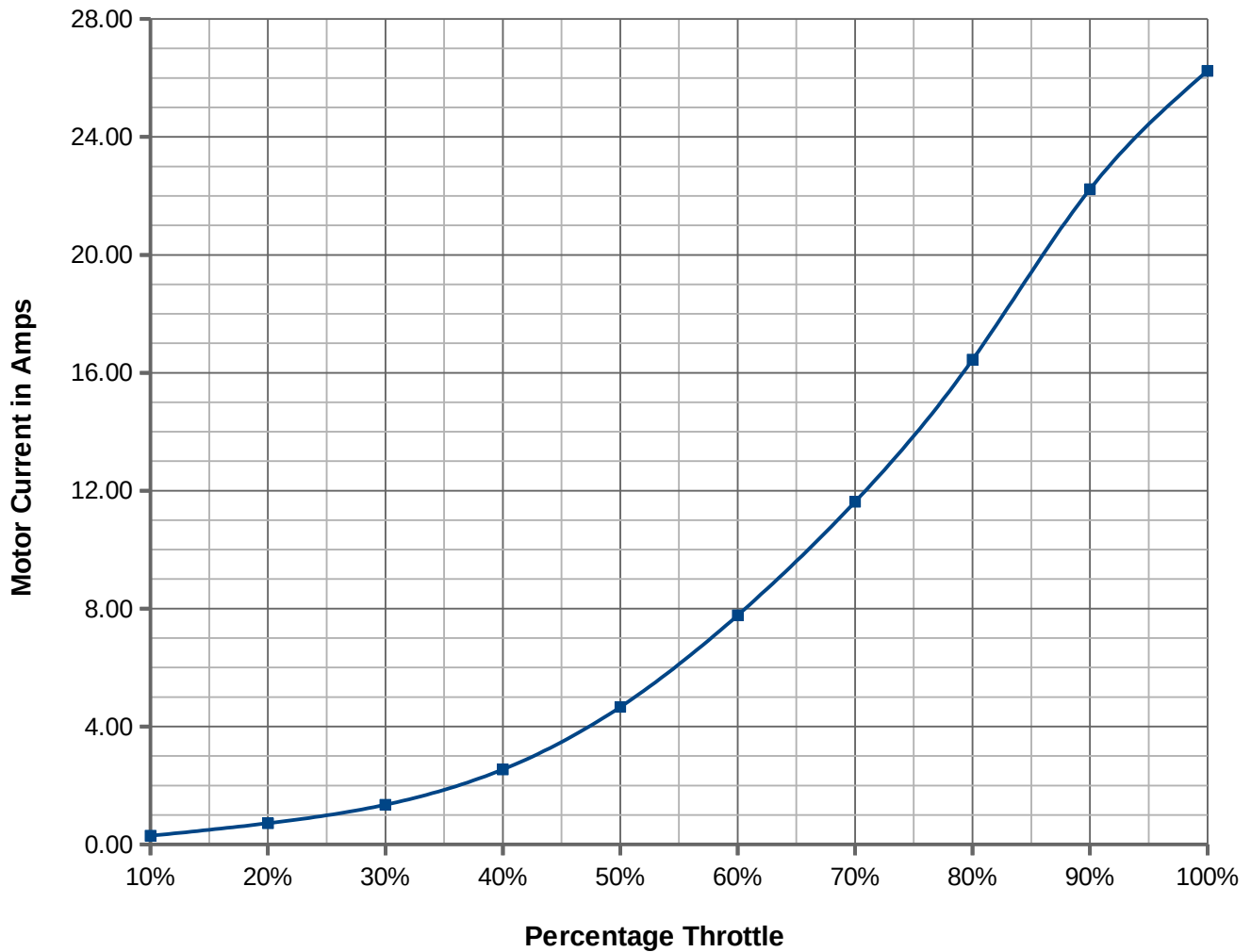


Cobra CM-4010/20 Motor Test Data, Kv=550

Data Collected at 18.5 volts with RC-Timer 12x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.29	5.44	1,485	62.5	2.20	11.49
20%	0.72	13.32	2,356	150.7	5.32	11.31
30%	1.35	24.94	3,091	261.1	9.21	10.47
40%	2.55	47.08	3,939	439.7	15.51	9.34
50%	4.66	86.25	4,876	697.8	24.61	8.09
60%	7.77	143.82	5,741	1017.9	35.90	7.08
70%	11.62	215.01	6,525	1314.8	46.38	6.12
80%	16.45	304.29	7,237	1653.2	58.31	5.43
90%	22.23	411.26	7,884	1992.7	70.29	4.85
100%	26.24	485.48	8,246	2209.2	77.93	4.55

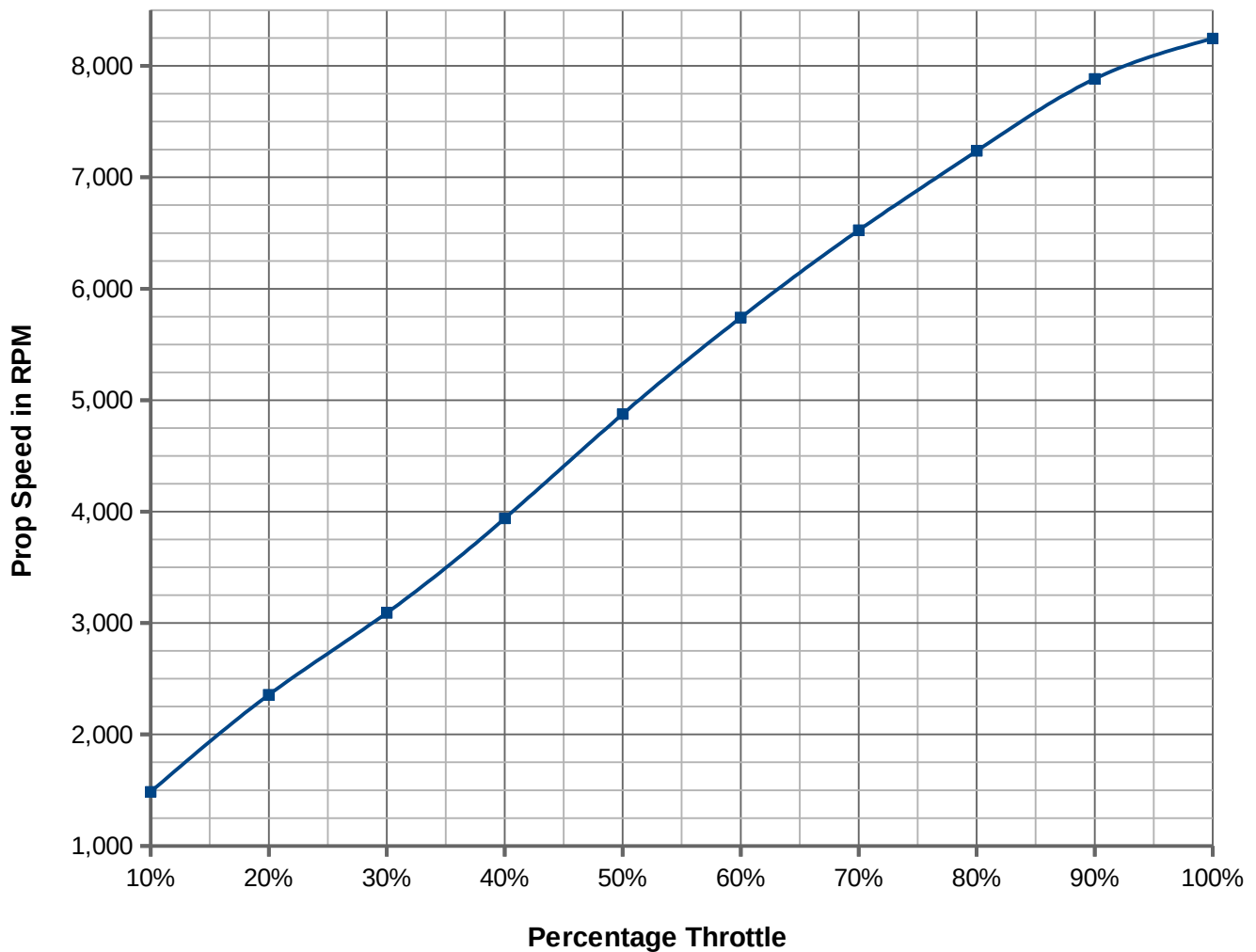
Motor Current vs Throttle Position



Cobra CM-4010/20 Motor Test Data, Kv=550

Data Collected at 18.5 volts with RC-Timer 12x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.29	5.44	1,485	62.5	2.20	11.49
20%	0.72	13.32	2,356	150.7	5.32	11.31
30%	1.35	24.94	3,091	261.1	9.21	10.47
40%	2.55	47.08	3,939	439.7	15.51	9.34
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60%	7.77	143.82	5,741	1017.9	35.90	7.08
70%	11.62	215.01	6,525	1314.8	46.38	6.12
80%	16.45	304.29	7,237	1653.2	58.31	5.43
90%	22.23	411.26	7,884	1992.7	70.29	4.85
100%	26.24	485.48	8,246	2209.2	77.93	4.55

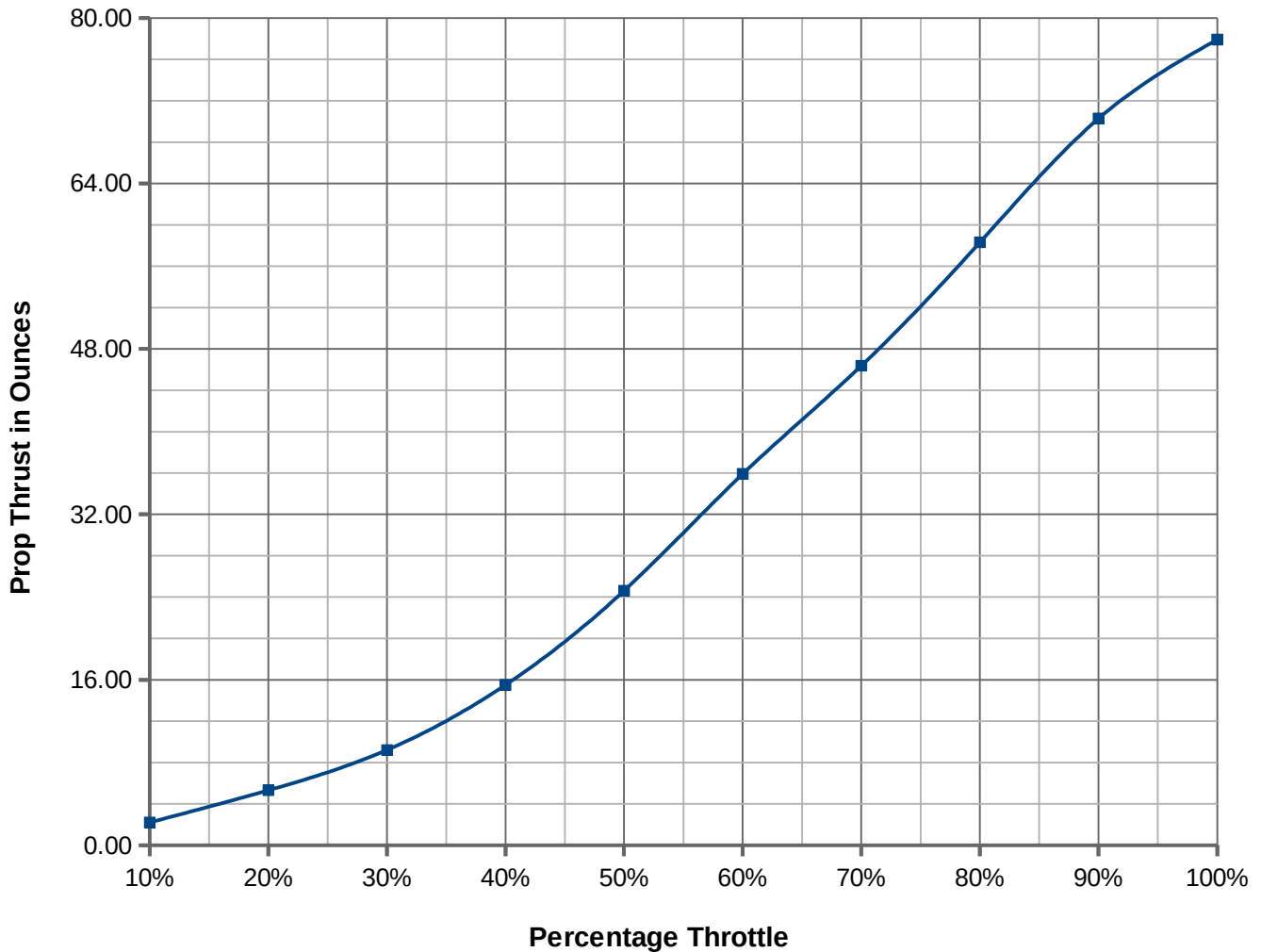
Propeller RPM vs Throttle Position



Cobra CM-4010/20 Motor Test Data, Kv=550

Data Collected at 18.5 volts with RC-Timer 12x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.29	5.44	1,485	62.5	2.20	11.49
20%	0.72	13.32	2,356	150.7	5.32	11.31
30%	1.35	24.94	3,091	261.1	9.21	10.47
40%	2.55	47.08	3,939	439.7	15.51	9.34
50%	4.66	86.25	4,876	697.8	24.61	8.09
60%	7.77	143.82	5,741	1017.9	35.90	7.08
70%	11.62	215.01	6,525	1314.8	46.38	6.12
80%	16.45	304.29	7,237	1653.2	58.31	5.43
90%	22.23	411.26	7,884	1992.7	70.29	4.85
100%	26.24	485.48	8,246	2209.2	77.93	4.55

Propeller Thrust vs Throttle Position



Cobra CM-4010/20 Motor Test Data, Kv=550

Data Collected at 18.5 volts with RC-Timer 12x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.29	5.44	1,485	62.5	2.20	11.49
20%	0.72	13.32	2,356	150.7	5.32	11.31
30%	1.35	24.94	3,091	261.1	9.21	10.47
40%	2.55	47.08	3,939	439.7	15.51	9.34
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60%	7.77	143.82	5,741	1017.9	35.90	7.08
70%	11.62	215.01	6,525	1314.8	46.38	6.12
80%	16.45	304.29	7,237	1653.2	58.31	5.43
90%	22.23	411.26	7,884	1992.7	70.29	4.85
100%	26.24	485.48	8,246	2209.2	77.93	4.55

Propeller Efficiency vs Throttle Position

