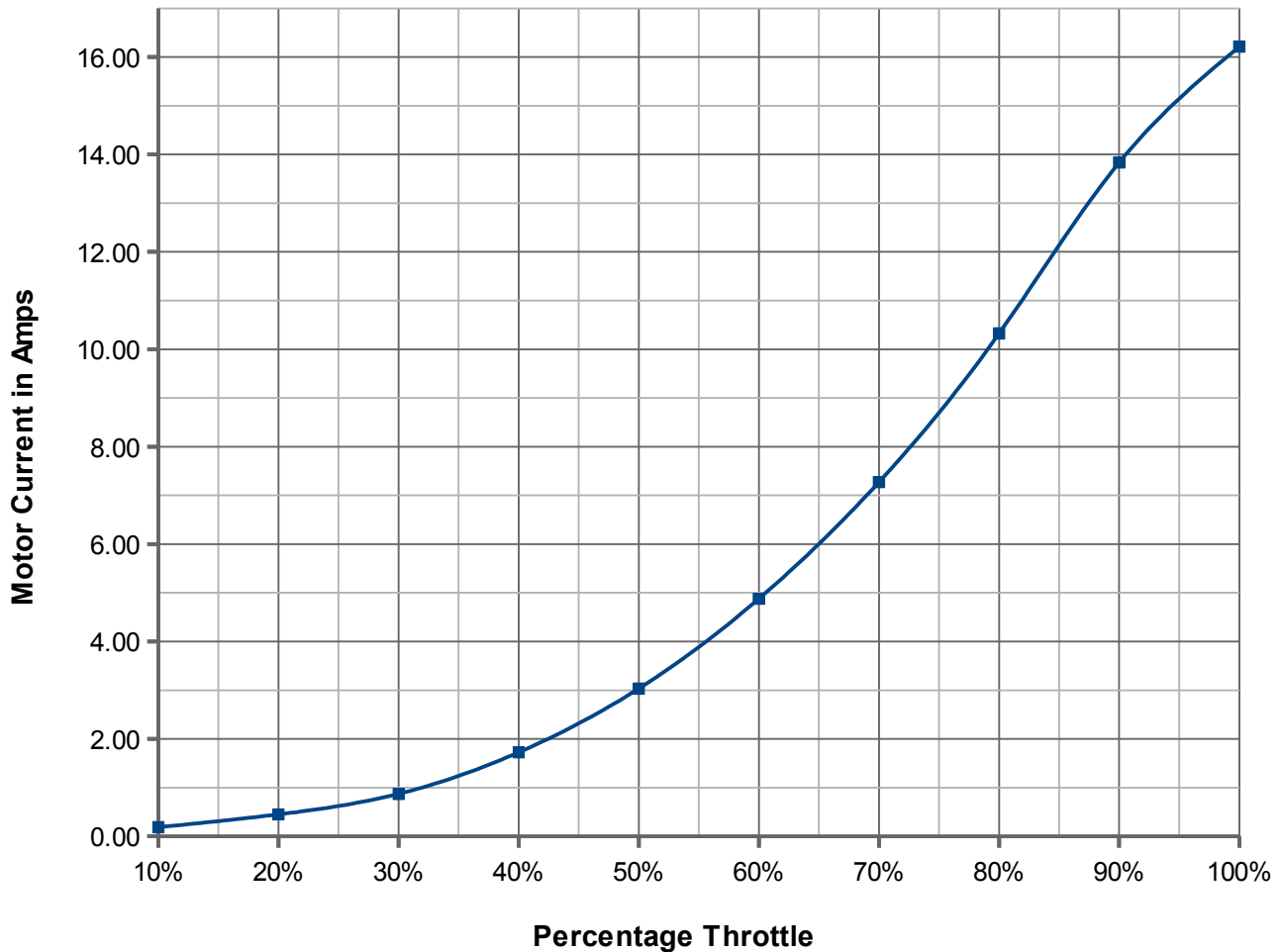


Cobra CM-2820-32 Motor Test Data, Kv=350

Data Collected at 22.2 volts with RC-Timer 14x5.5 CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.19	4.17	1,127	66.0	2.33	15.81
20%	0.45	10.01	1,729	147.5	5.20	14.73
30%	0.87	19.36	2,251	255.7	9.01	13.21
40%	1.73	38.30	2,885	428.9	15.12	11.20
50%	3.03	67.35	3,480	639.3	22.53	9.49
60%	4.88	108.29	4,052	883.7	31.14	8.16
70%	7.27	161.44	4,581	1160.6	40.90	7.19
80%	10.33	229.24	5,057	1446.7	50.99	6.31
90%	13.84	307.14	5,510	1738.5	61.27	5.66
100%	16.22	359.97	5,738	1899.7	66.95	5.28

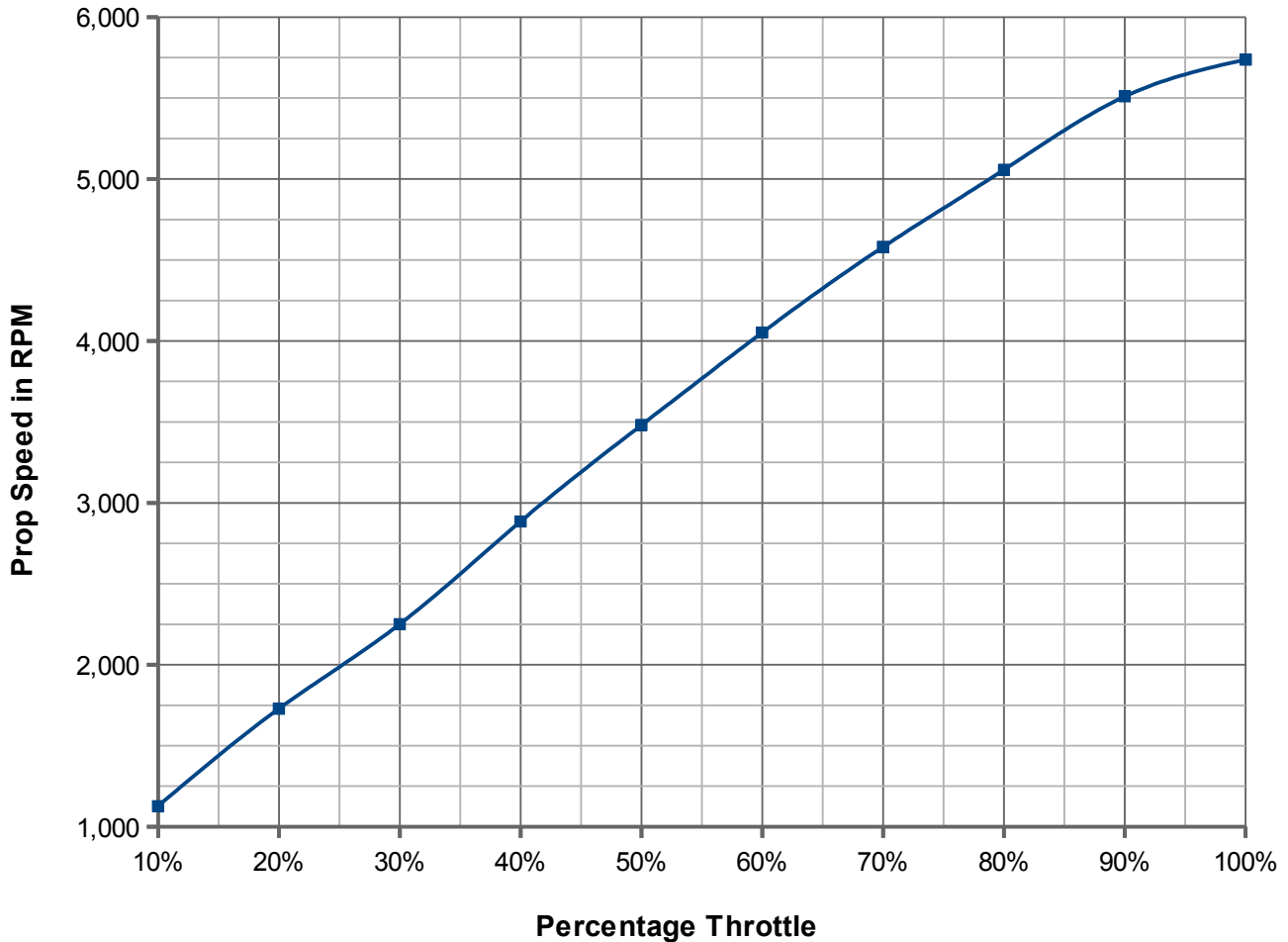
Motor Current vs Throttle Position



Cobra CM-2820-32 Motor Test Data, Kv=350

Data Collected at 22.2 volts with RC-Timer 14x5.5 CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.19	4.17	1,127	66.0	2.33	15.81
20%	0.45	10.01	1,729	147.5	5.20	14.73
30%	0.87	19.36	2,251	255.7	9.01	13.21
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80%	10.33	229.24	5,057	1446.7	50.99	6.31
90%	13.84	307.14	5,510	1738.5	61.27	5.66
100%	16.22	359.97	5,738	1899.7	66.95	5.28

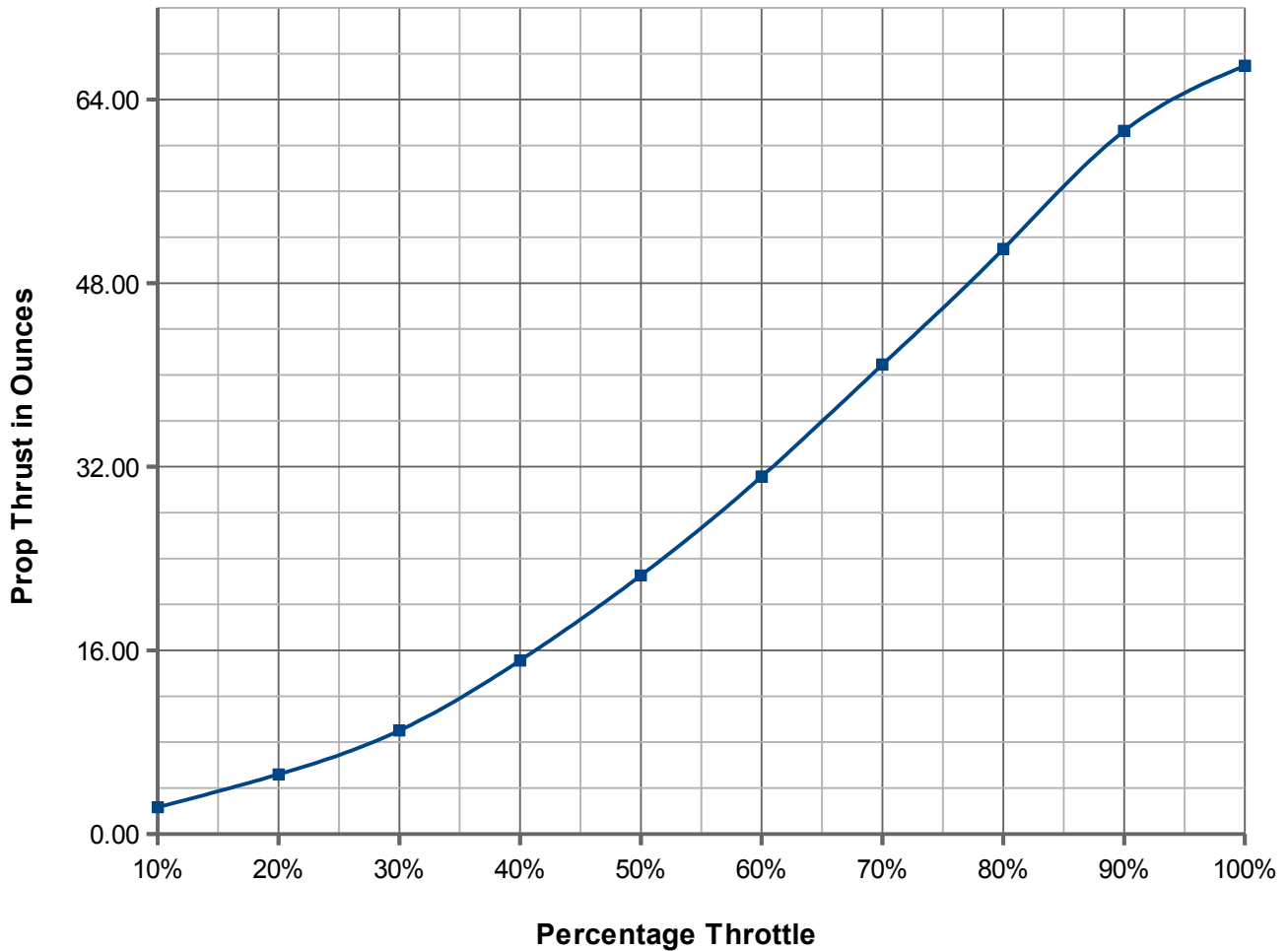
Propeller RPM vs Throttle Position



Cobra CM-2820-32 Motor Test Data, Kv=350

Data Collected at 22.2 volts with RC-Timer 14x5.5 CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.19	4.17	1,127	66.0	2.33	15.81
20%	0.45	10.01	1,729	147.5	5.20	14.73
30%	0.87	19.36	2,251	255.7	9.01	13.21
40%	1.73	38.30	2,885	428.9	15.12	11.20
50%	3.03	67.35	3,480	639.3	22.53	9.49
60%	4.88	108.29	4,052	883.7	31.14	8.16
70%	7.27	161.44	4,581	1160.6	40.90	7.19
80%	10.33	229.24	5,057	1446.7	50.99	6.31
90%	13.84	307.14	5,510	1738.5	61.27	5.66
100%	16.22	359.97	5,738	1899.7	66.95	5.28

Propeller Thrust vs Throttle Position



Cobra CM-2820-32 Motor Test Data, Kv=350

Data Collected at 22.2 volts with RC-Timer 14x5.5 CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.19	4.17	1,127	66.0	2.33	15.81
20%	0.45	10.01	1,729	147.5	5.20	14.73
30%	0.87	19.36	2,251	255.7	9.01	13.21
40%	1.73	38.30	2,885	428.9	15.12	11.20
50%	3.03	67.35	3,480	639.3	22.53	9.49
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70%	7.27	161.44	4,581	1160.6	40.90	7.19
80%	10.33	229.24	5,057	1446.7	50.99	6.31
90%	13.84	307.14	5,510	1738.5	61.27	5.66
100%	16.22	359.97	5,738	1899.7	66.95	5.28

Propeller Efficiency vs Throttle Position

