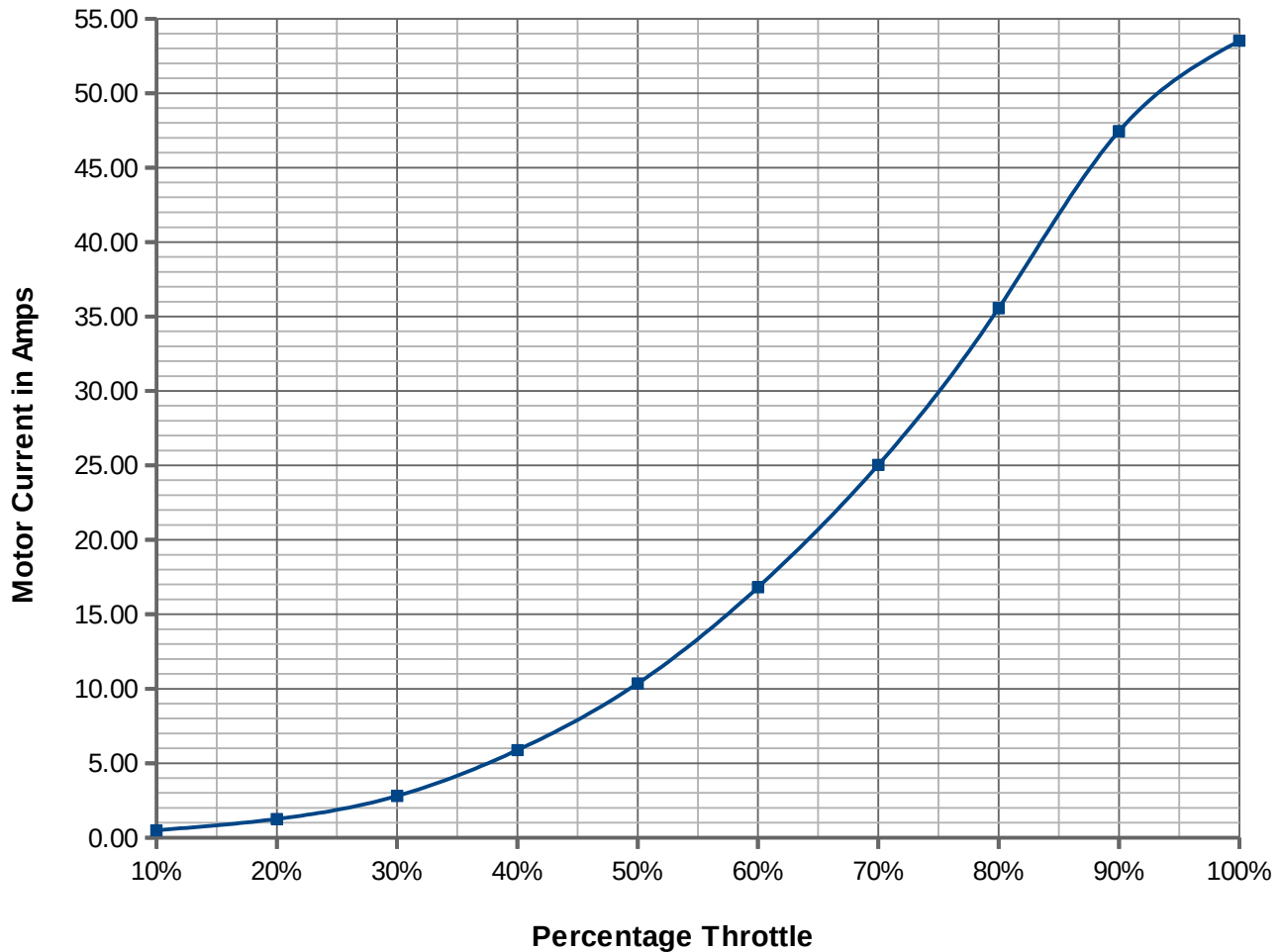


Cobra CM-4515-18 Motor Test Data, Kv=435

Data Collected at 22.2 volts with RC-Timer 15x5.5 CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.50	11.03	1,442	137.6	4.85	12.47
20%	1.25	27.79	2,192	330.3	11.64	11.88
30%	2.80	62.20	2,941	630.1	22.21	10.13
40%	5.88	130.54	3,751	1087.5	38.33	8.33
50%	10.36	229.90	4,438	1593.5	56.16	6.93
60%	16.82	373.34	5,107	2143.0	75.52	5.74
70%	25.04	555.78	5,708	2767.7	97.54	4.98
80%	35.56	789.48	6,260	3406.1	120.04	4.31
90%	47.45	1053.30	6,731	3988.2	140.55	3.79
100%	53.52	1188.14	6,926	4241.3	149.47	3.57

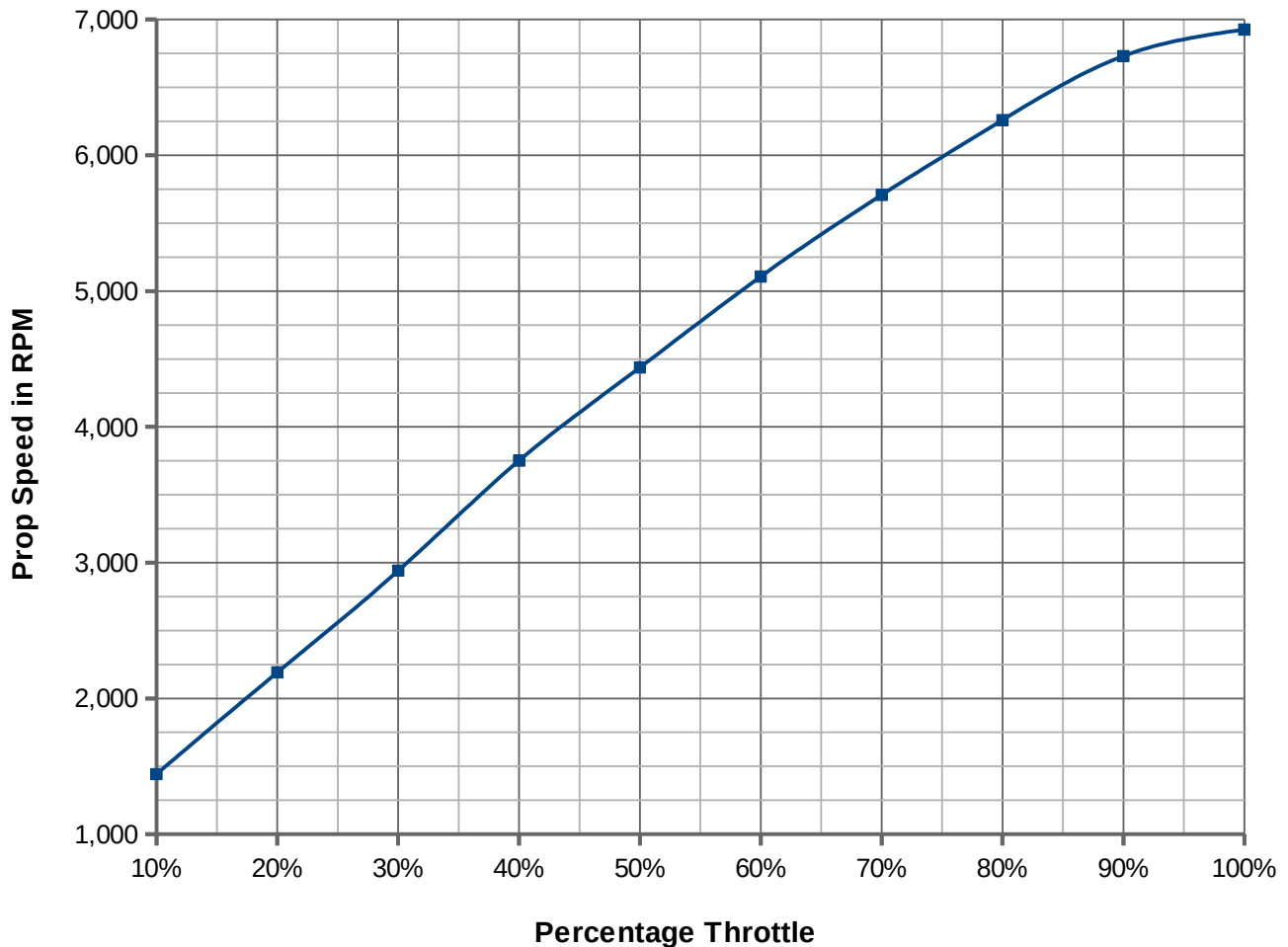
Motor Current vs Throttle Position



Cobra CM-4515-18 Motor Test Data, Kv=435

Data Collected at 22.2 volts with RC-Timer 15x5.5 CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.50	11.03	1,442	137.6	4.85	12.47
20%	1.25	27.79	2,192	330.3	11.64	11.88
30%	2.80	62.20	2,941	630.1	22.21	10.13
40%	5.88	130.54	3,751	1087.5	38.33	8.33
50%	10.36	229.90	4,438	1593.5	56.16	6.93
60%	16.82	373.34	5,107	2143.0	75.52	5.74
70%	25.04	555.78	5,708	2767.7	97.54	4.98
80%	35.56	789.48	6,260	3406.1	120.04	4.31
90%	47.45	1053.30	6,731	3988.2	140.55	3.79
100%	53.52	1188.14	6,926	4241.3	149.47	3.57

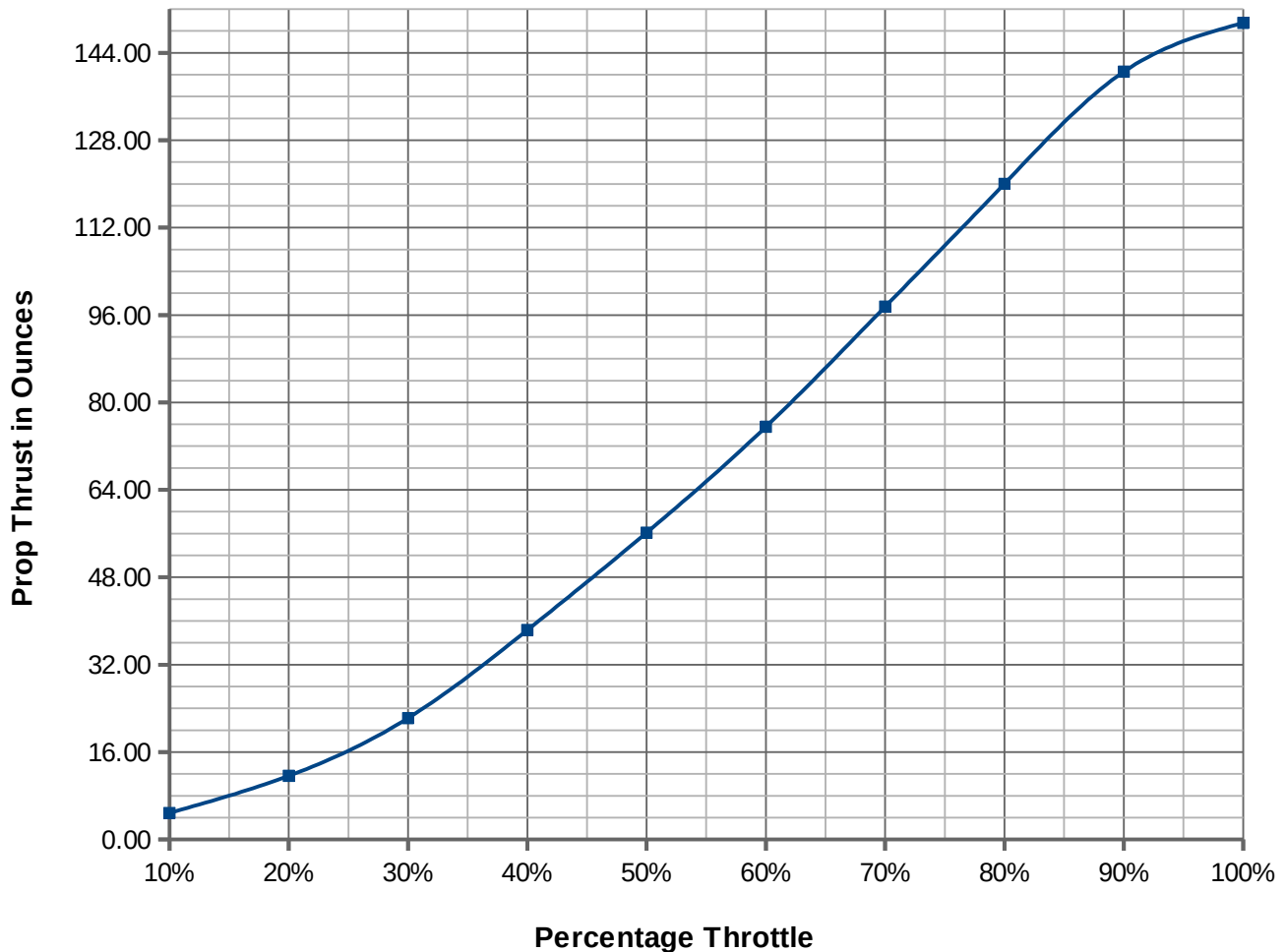
Propeller RPM vs Throttle Position



Cobra CM-4515-18 Motor Test Data, Kv=435

Data Collected at 22.2 volts with RC-Timer 15x5.5 CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.50	11.03	1,442	137.6	4.85	12.47
20%	1.25	27.79	2,192	330.3	11.64	11.88
30%	2.80	62.20	2,941	630.1	22.21	10.13
40%	5.88	130.54	3,751	1087.5	38.33	8.33
50%	10.36	229.90	4,438	1593.5	56.16	6.93
60%	16.82	373.34	5,107	2143.0	75.52	5.74
70%	25.04	555.78	5,708	2767.7	97.54	4.98
80%	35.56	789.48	6,260	3406.1	120.04	4.31
90%	47.45	1053.30	6,731	3988.2	140.55	3.79
100%	53.52	1188.14	6,926	4241.3	149.47	3.57

Propeller Thrust vs Throttle Position



Cobra CM-4515-18 Motor Test Data, Kv=435

Data Collected at 22.2 volts with RC-Timer 15x5.5 CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.50	11.03	1,442	137.6	4.85	12.47
20%	1.25	27.79	2,192	330.3	11.64	11.88
30%	2.80	62.20	2,941	630.1	22.21	10.13
40%	5.88	130.54	3,751	1087.5	38.33	8.33
50%	10.36	229.90	4,438	1593.5	56.16	6.93
60%	16.82	373.34	5,107	2143.0	75.52	5.74
70%	25.04	555.78	5,708	2767.7	97.54	4.98
80%	35.56	789.48	6,260	3406.1	120.04	4.31
90%	47.45	1053.30	6,731	3988.2	140.55	3.79
100%	53.52	1188.14	6,926	4241.3	149.47	3.57

Propeller Efficiency vs Throttle Position

