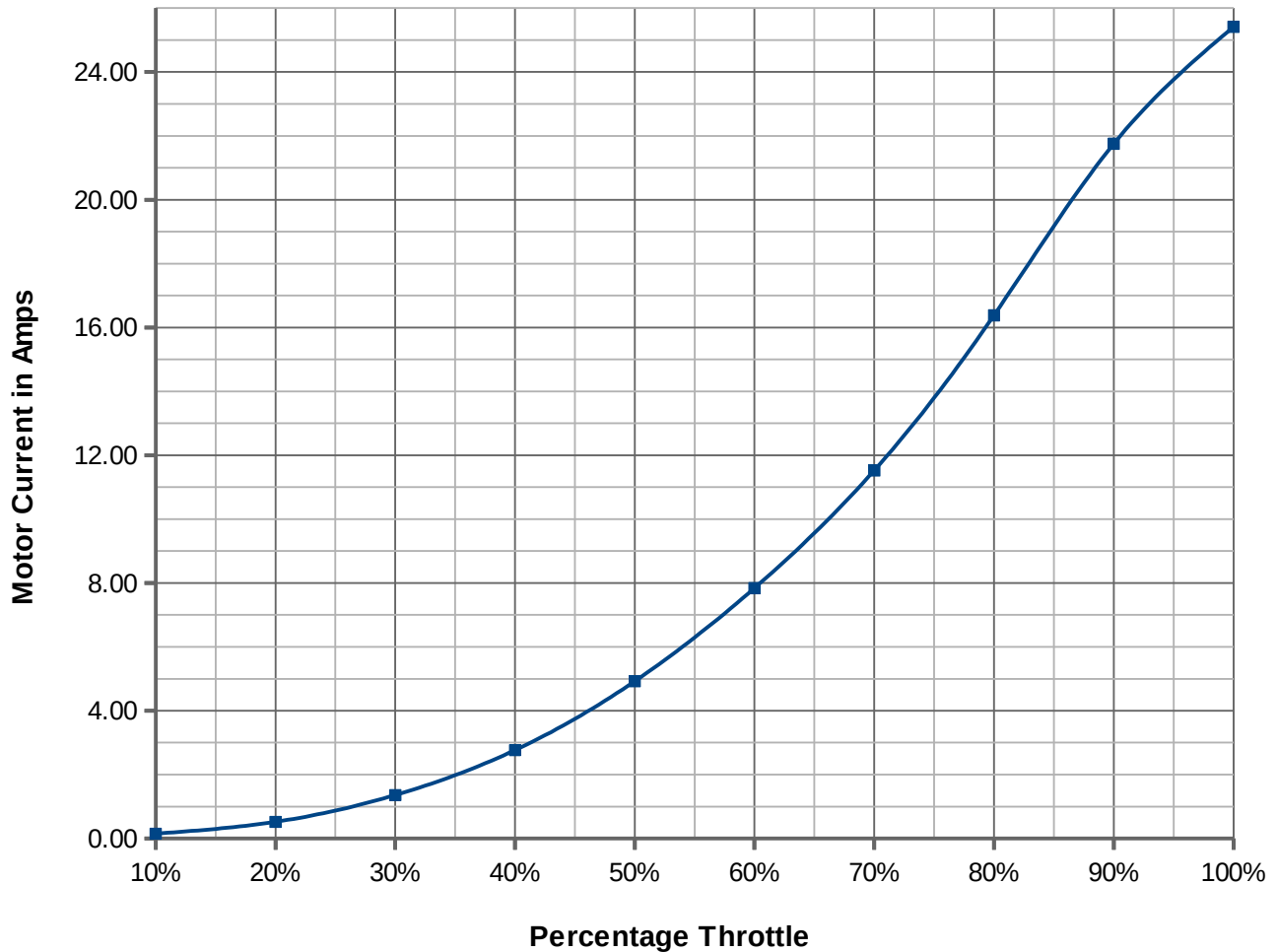


Cobra CM-3520/28 Motor Test Data, Kv=350

Data Collected at 22.2 volts with RC-Timer 16x5.5 CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.15	3.35	825	59.6	2.10	17.78
20%	0.52	11.59	1,504	185.8	6.55	16.03
30%	1.36	30.21	2,150	396.7	13.98	13.13
40%	2.77	61.43	2,738	663.3	23.38	10.80
50%	4.92	109.27	3,263	1002.3	35.32	9.17
60%	7.84	174.05	3,760	1355.2	47.76	7.79
70%	11.52	255.83	4,228	1730.1	60.97	6.76
80%	16.38	363.72	4,633	2130.6	75.09	5.86
90%	21.75	482.94	5,003	2482.0	87.47	5.14
100%	25.42	564.24	5,181	2717.4	95.77	4.82

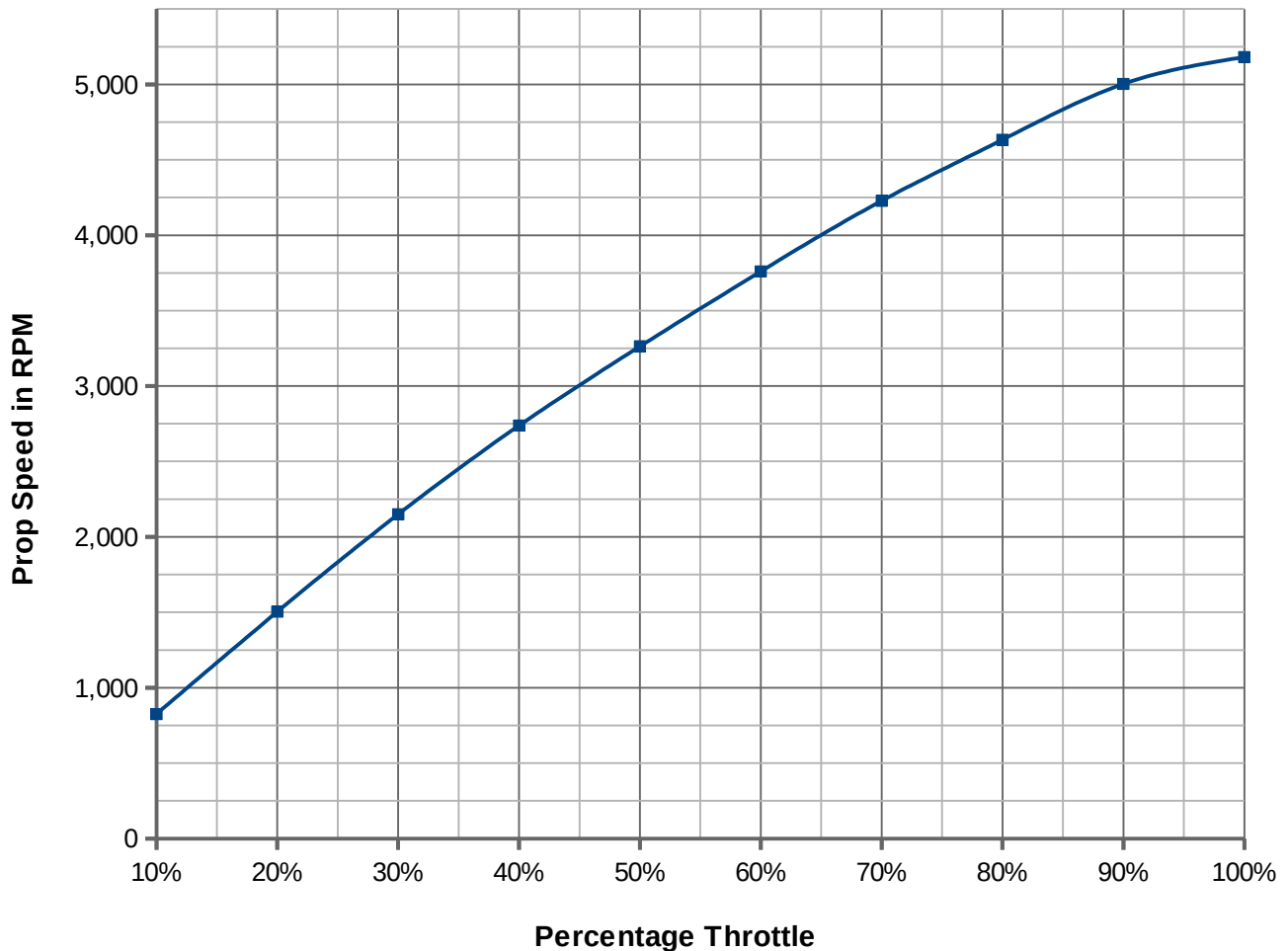
Motor Current vs Throttle Position



Cobra CM-3520/28 Motor Test Data, Kv=350

Data Collected at 22.2 volts with RC-Timer 16x5.5 CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.15	3.35	825	59.6	2.10	17.78
20%	0.52	11.59	1,504	185.8	6.55	16.03
30%	1.36	30.21	2,150	396.7	13.98	13.13
40%	2.77	61.43	2,738	663.3	23.38	10.80
50%	4.92	109.27	3,263	1002.3	35.32	9.17
60%	7.84	174.05	3,760	1355.2	47.76	7.79
70%	11.52	255.83	4,228	1730.1	60.97	6.76
80%	16.38	363.72	4,633	2130.6	75.09	5.86
90%	21.75	482.94	5,003	2482.0	87.47	5.14
100%	25.42	564.24	5,181	2717.4	95.77	4.82

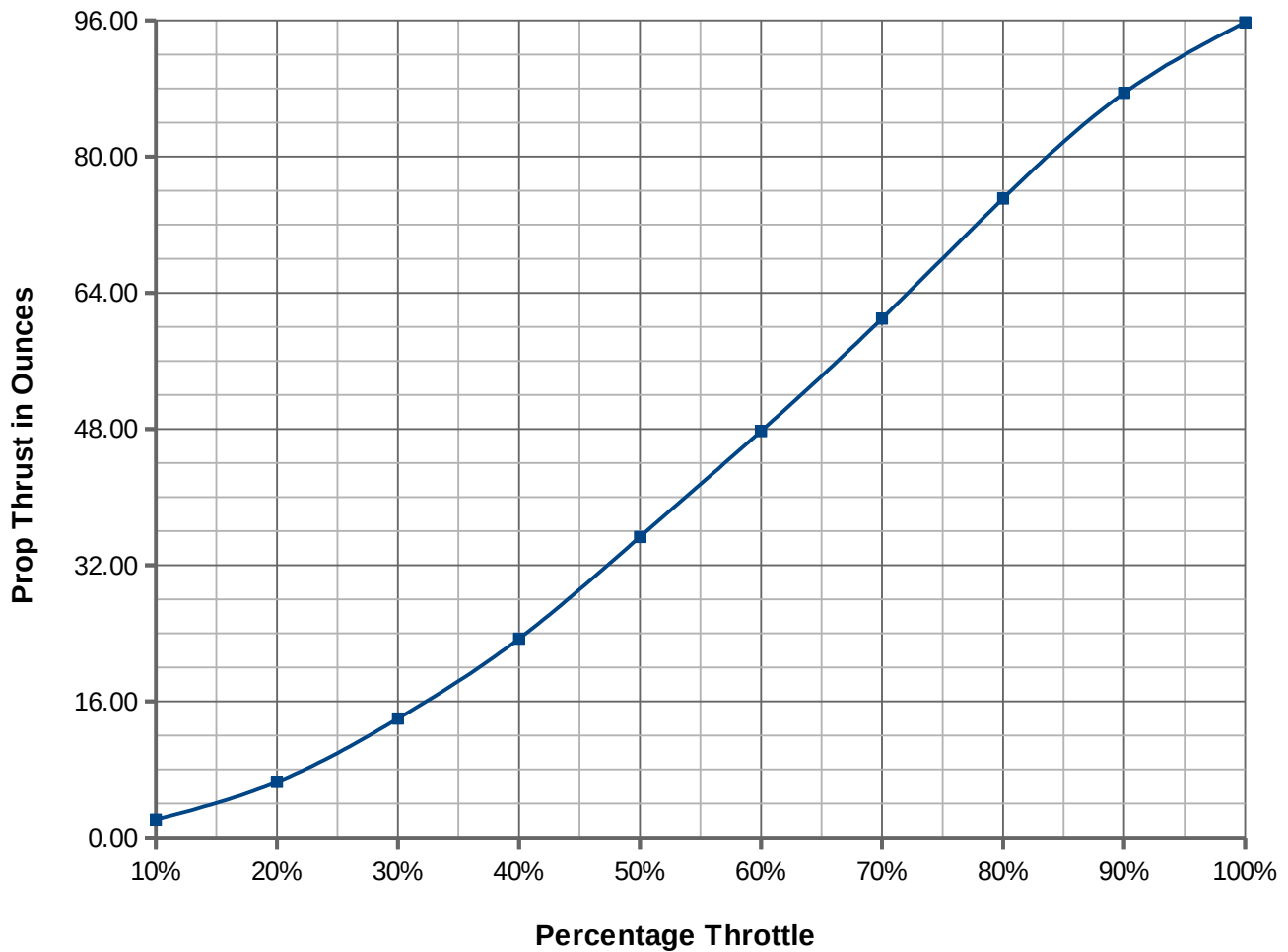
Propeller RPM vs Throttle Position



Cobra CM-3520/28 Motor Test Data, Kv=350

Data Collected at 22.2 volts with RC-Timer 16x5.5 CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.15	3.35	825	59.6	2.10	17.78
20%	0.52	11.59	1,504	185.8	6.55	16.03
30%	1.36	30.21	2,150	396.7	13.98	13.13
40%	2.77	61.43	2,738	663.3	23.38	10.80
50%	4.92	109.27	3,263	1002.3	35.32	9.17
60%	7.84	174.05	3,760	1355.2	47.76	7.79
70%	11.52	255.83	4,228	1730.1	60.97	6.76
80%	16.38	363.72	4,633	2130.6	75.09	5.86
90%	21.75	482.94	5,003	2482.0	87.47	5.14
100%	25.42	564.24	5,181	2717.4	95.77	4.82

Propeller Thrust vs Throttle Position



Cobra CM-3520/28 Motor Test Data, Kv=350

Data Collected at 22.2 volts with RC-Timer 16x5.5 CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.15	3.35	825	59.6	2.10	17.78
20%	0.52	11.59	1,504	185.8	6.55	16.03
30%	1.36	30.21	2,150	396.7	13.98	13.13
40%	2.77	61.43	2,738	663.3	23.38	10.80
50%	4.92	109.27	3,263	1002.3	35.32	9.17
60%	7.84	174.05	3,760	1355.2	47.76	7.79
70%	11.52	255.83	4,228	1730.1	60.97	6.76
80%	16.38	363.72	4,633	2130.6	75.09	5.86
90%	21.75	482.94	5,003	2482.0	87.47	5.14
100%	25.42	564.24	5,181	2717.4	95.77	4.82

Propeller Efficiency vs Throttle Position

