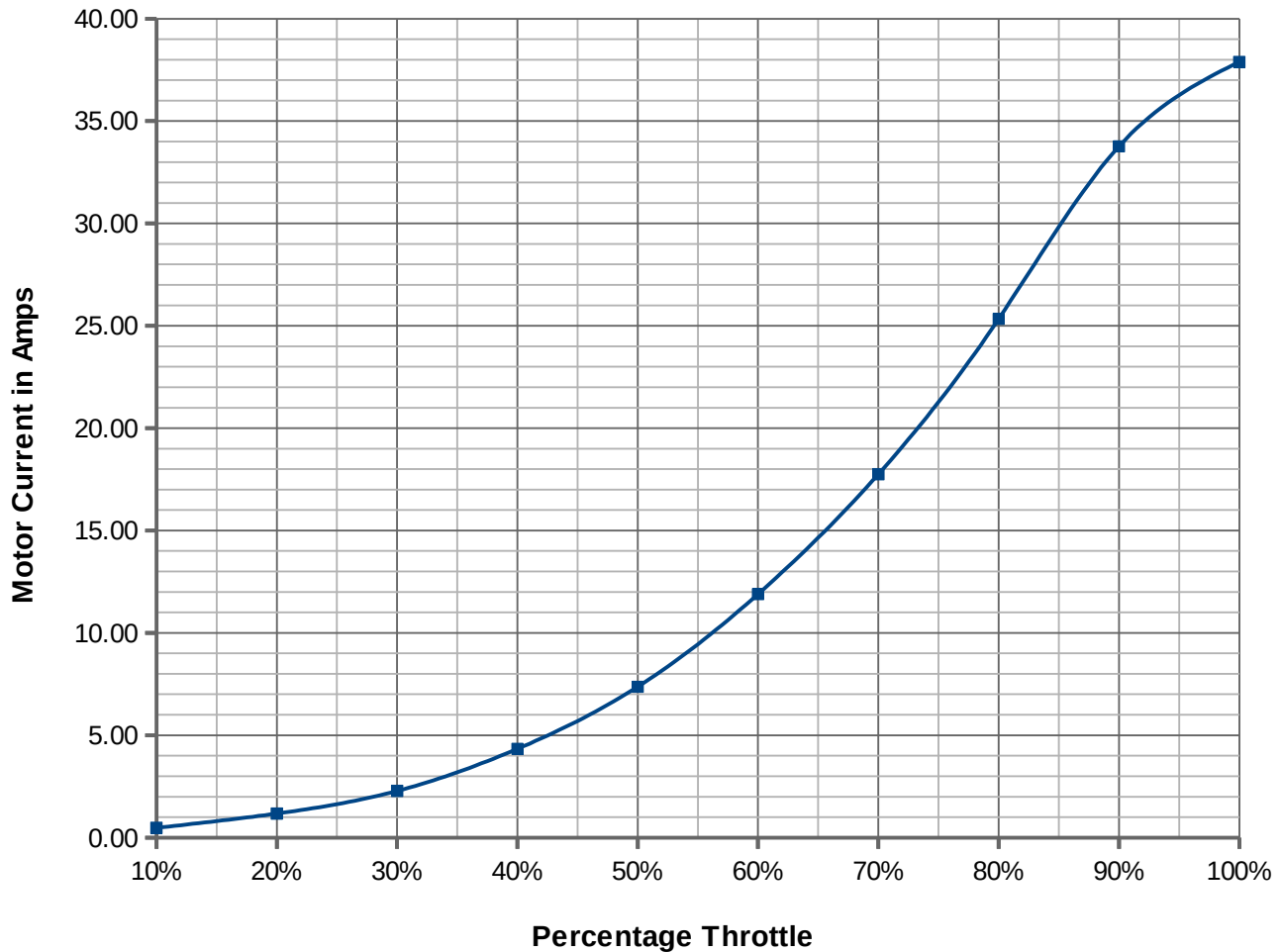


## Cobra CM-4515-18 Motor Test Data, Kv=435

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%	0.48	10.61	1,543	117.9	4.16	11.11
20%	1.18	26.13	2,343	288.8	10.18	11.05
30%	2.28	50.62	3,042	497.9	17.55	9.84
40%	4.34	96.30	3,842	819.2	28.87	8.51
50%	7.37	163.57	4,585	1203.9	42.43	7.36
60%	11.89	264.00	5,355	1680.3	59.22	6.36
70%	17.75	394.01	6,051	2180.7	76.85	5.53
80%	25.34	562.50	6,707	2773.5	97.74	4.93
90%	33.77	749.58	7,281	3302.7	116.39	4.41
100%	37.89	841.25	7,566	3508.2	123.64	4.17

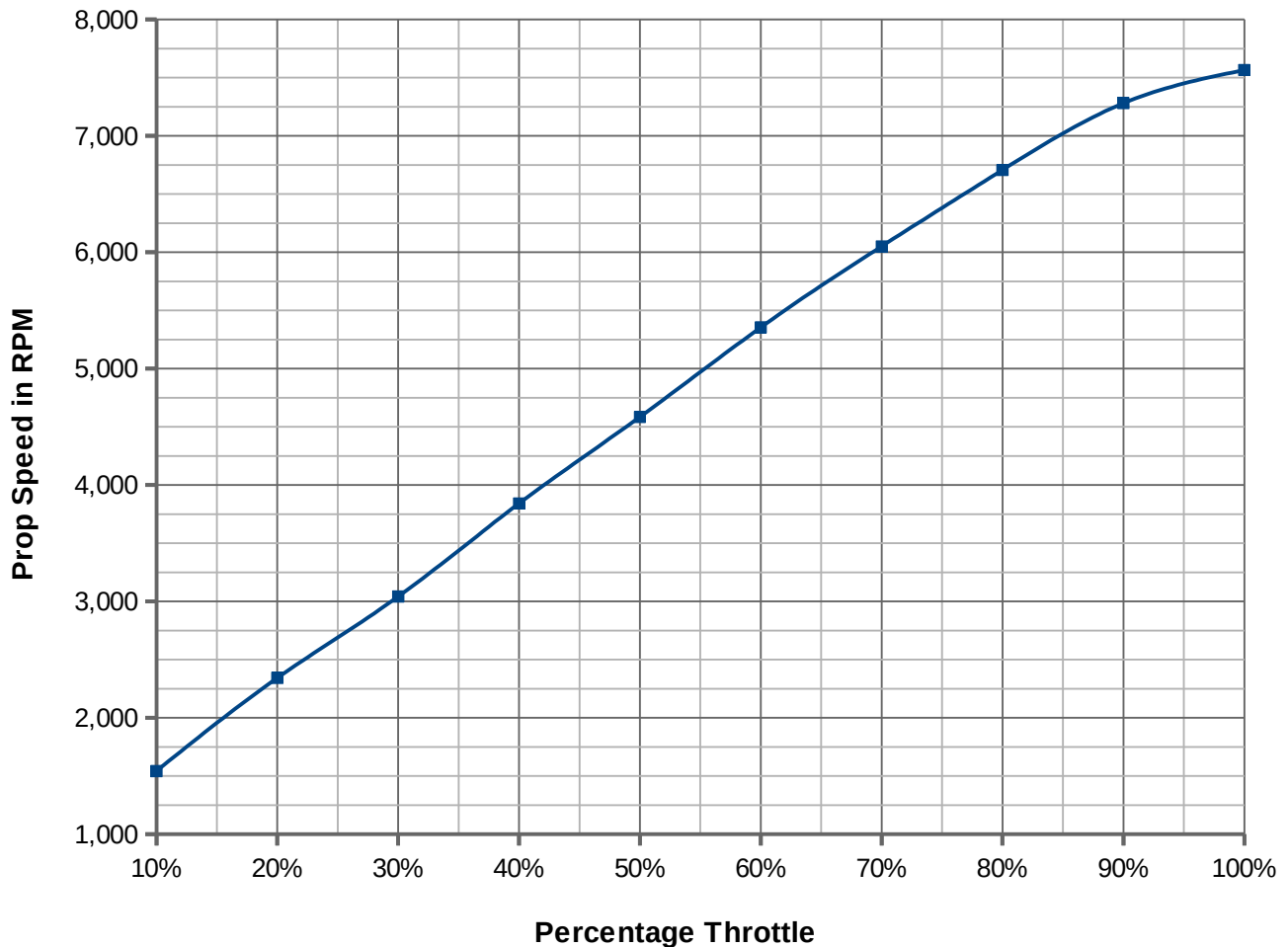
### Motor Current vs Throttle Position



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

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%	0.48	10.61	1,543	117.9	4.16	11.11
20%	1.18	26.13	2,343	288.8	10.18	11.05
30%	2.28	50.62	3,042	497.9	17.55	9.84
40%	4.34	96.30	3,842	819.2	28.87	8.51
50%	7.37	163.57	4,585	1203.9	42.43	7.36
60%	11.89	264.00	5,355	1680.3	59.22	6.36
70%	17.75	394.01	6,051	2180.7	76.85	5.53
80%	25.34	562.50	6,707	2773.5	97.74	4.93
90%	33.77	749.58	7,281	3302.7	116.39	4.41
100%	37.89	841.25	7,566	3508.2	123.64	4.17

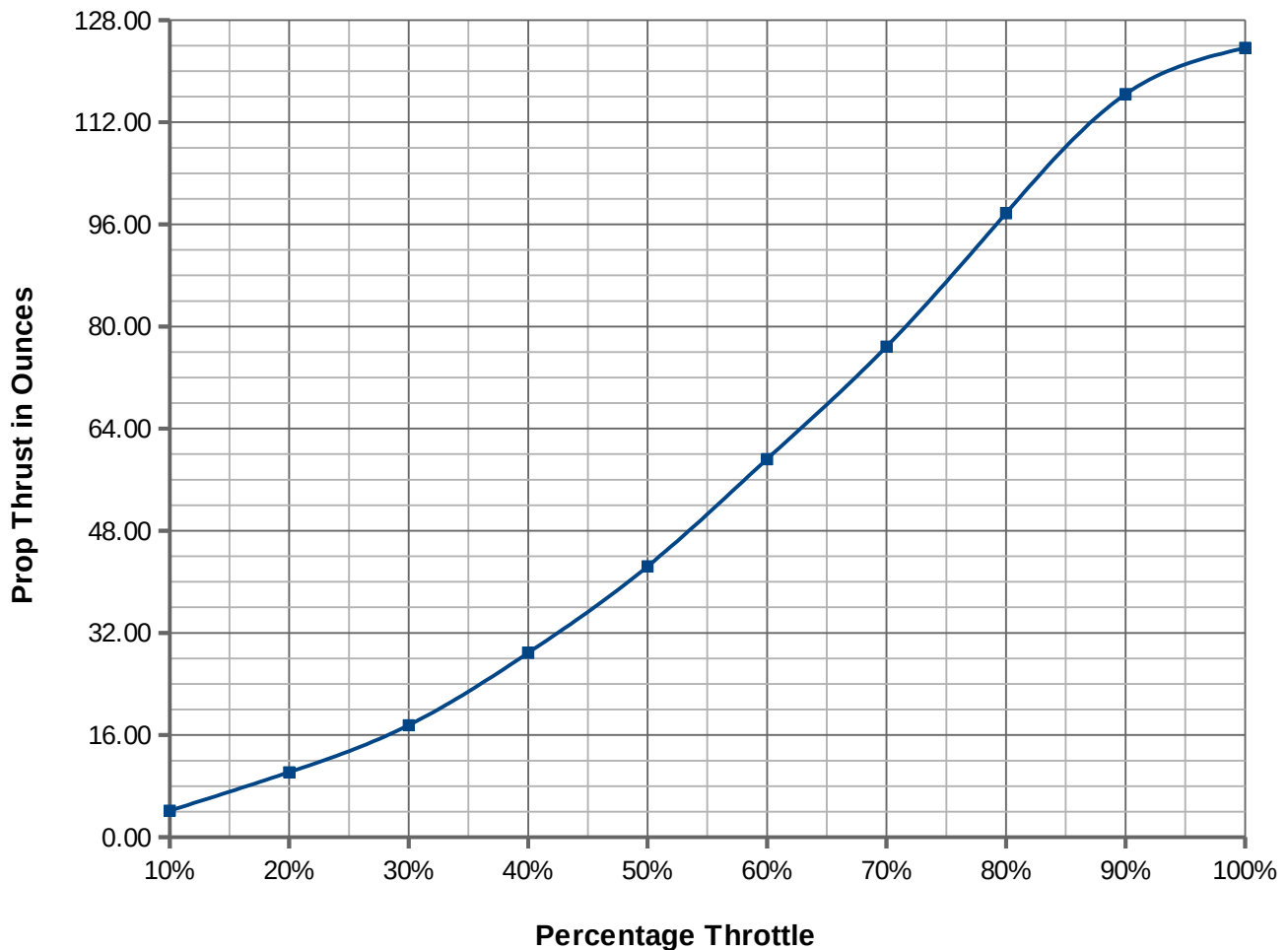
### Propeller RPM vs Throttle Position



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

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%	0.48	10.61	1,543	117.9	4.16	11.11
20%	1.18	26.13	2,343	288.8	10.18	11.05
30%	2.28	50.62	3,042	497.9	17.55	9.84
40%	4.34	96.30	3,842	819.2	28.87	8.51
50%	7.37	163.57	4,585	1203.9	42.43	7.36
60%	11.89	264.00	5,355	1680.3	59.22	6.36
70%	17.75	394.01	6,051	2180.7	76.85	5.53
80%	25.34	562.50	6,707	2773.5	97.74	4.93
90%	33.77	749.58	7,281	3302.7	116.39	4.41
100%	37.89	841.25	7,566	3508.2	123.64	4.17

## Propeller Thrust vs Throttle Position



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

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%	0.48	10.61	1,543	117.9	4.16	11.11
20%	1.18	26.13	2,343	288.8	10.18	11.05
30%	2.28	50.62	3,042	497.9	17.55	9.84
40%	4.34	96.30	3,842	819.2	28.87	8.51
50%	7.37	163.57	4,585	1203.9	42.43	7.36
60%	11.89	264.00	5,355	1680.3	59.22	6.36
70%	17.75	394.01	6,051	2180.7	76.85	5.53
80%	25.34	562.50	6,707	2773.5	97.74	4.93
90%	33.77	749.58	7,281	3302.7	116.39	4.41
100%	37.89	841.25	7,566	3508.2	123.64	4.17

## Propeller Efficiency vs Throttle Position

