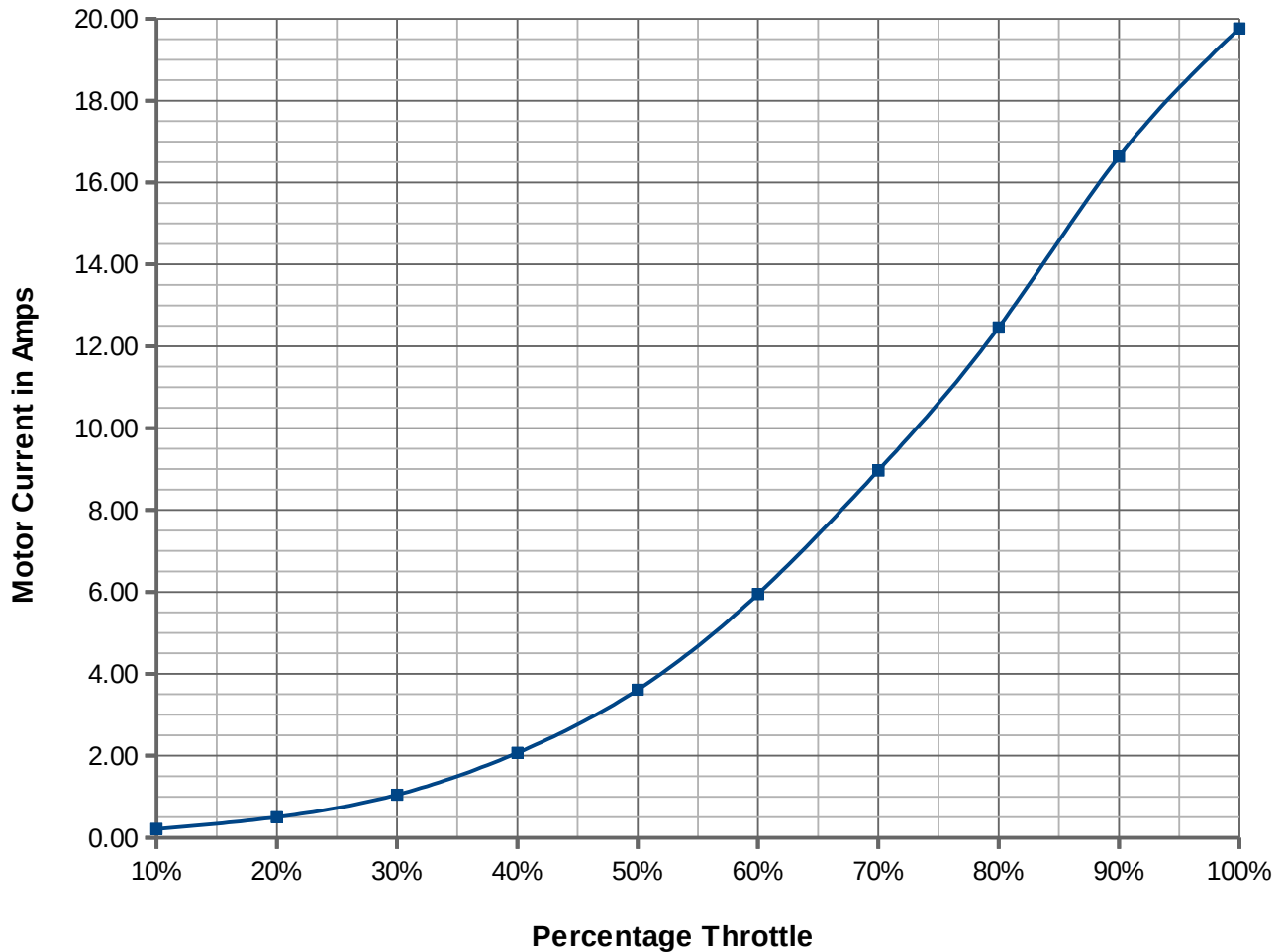


# Cobra CM-4008/24 Motor Test Data, Kv=600

Data Collected at 14.8 volts with APC 13x5.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.21	3.14	1,088	42.1	1.48	13.42
20%	0.50	7.43	1,768	104.9	3.70	14.12
30%	1.05	15.53	2,466	207.4	7.31	13.36
40%	2.07	30.67	3,225	359.4	12.67	11.72
50%	3.61	53.49	3,928	556.2	19.60	10.40
60%	5.95	88.06	4,658	799.1	28.16	9.07
70%	8.97	132.71	5,315	1061.2	37.40	8.00
80%	12.46	184.42	5,903	1320.5	46.54	7.16
90%	16.63	246.15	6,448	1593.5	56.16	6.47
100%	19.77	292.54	6,743	1786.7	62.97	6.11

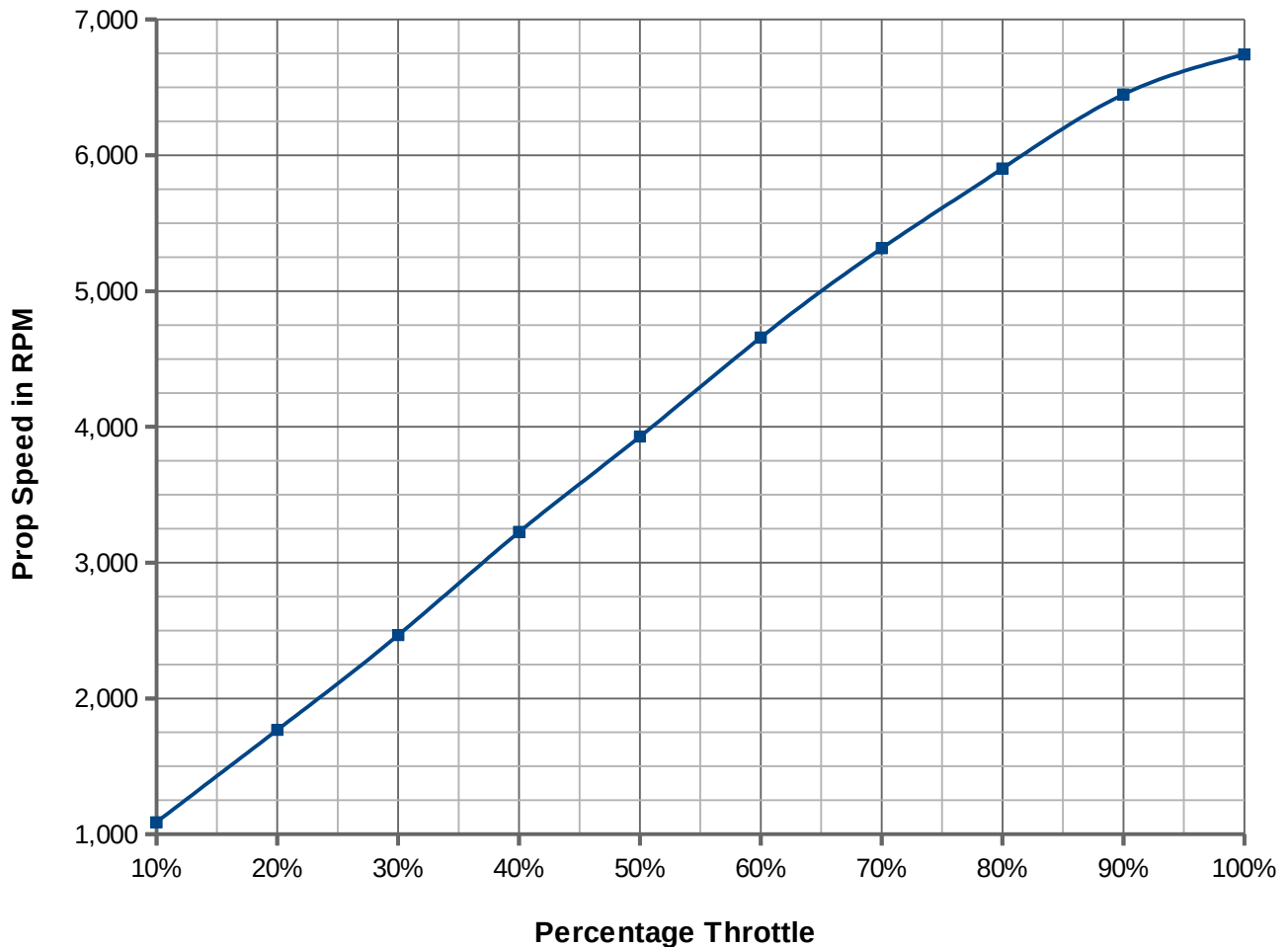
## Motor Current vs Throttle Position



## Cobra CM-4008/24 Motor Test Data, Kv=600

Data Collected at 14.8 volts with APC 13x5.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.21	3.14	1,088	42.1	1.48	13.42
20%	0.50	7.43	1,768	104.9	3.70	14.12
30%	1.05	15.53	2,466	207.4	7.31	13.36
40%	2.07	30.67	3,225	359.4	12.67	11.72
50%	3.61	53.49	3,928	556.2	19.60	10.40
60%	5.95	88.06	4,658	799.1	28.16	9.07
70%	8.97	132.71	5,315	1061.2	37.40	8.00
80%	12.46	184.42	5,903	1320.5	46.54	7.16
90%	16.63	246.15	6,448	1593.5	56.16	6.47
100%	19.77	292.54	6,743	1786.7	62.97	6.11

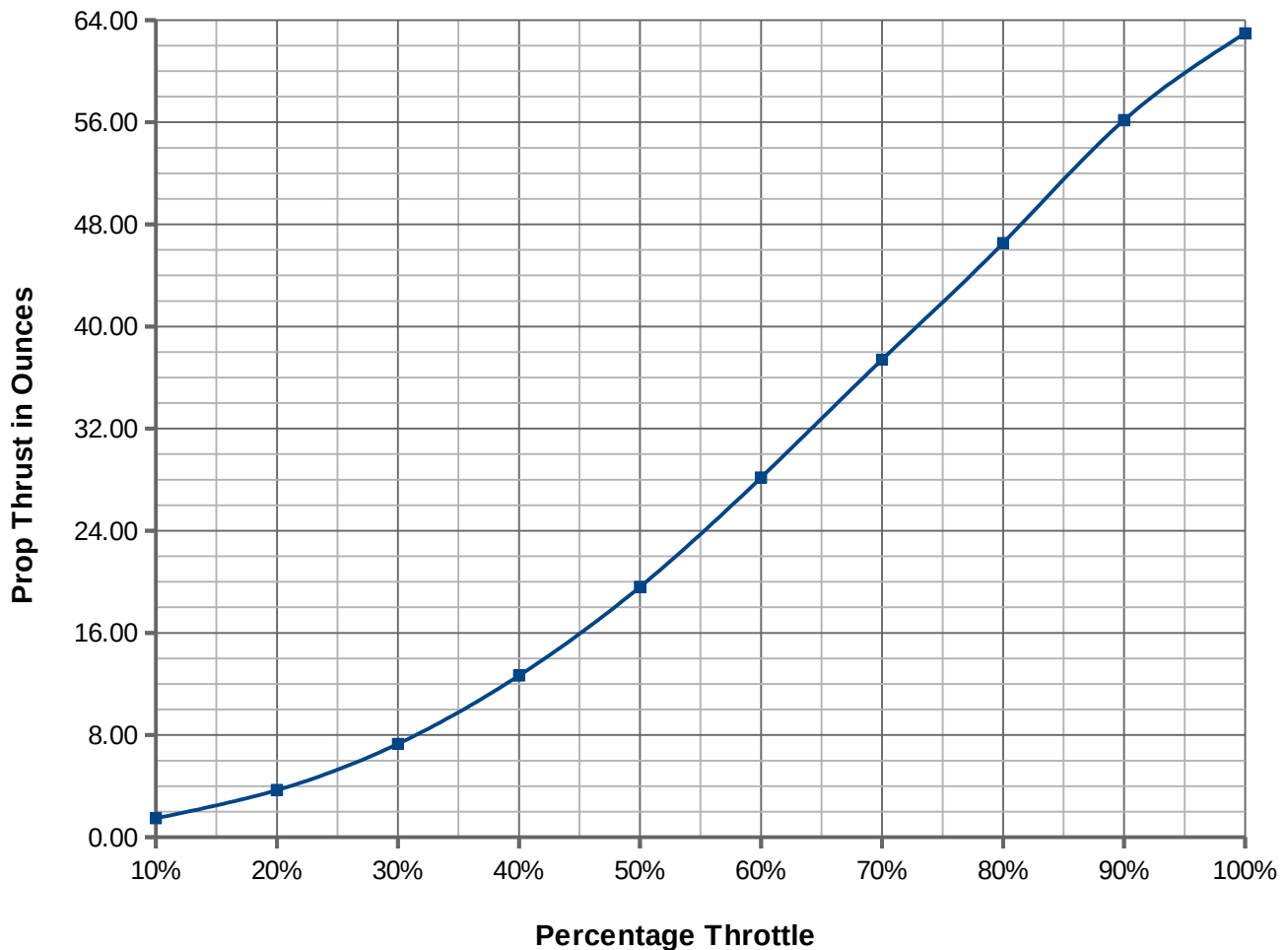
### Propeller RPM vs Throttle Position



# Cobra CM-4008/24 Motor Test Data, Kv=600

Data Collected at 14.8 volts with APC 13x5.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.21	3.14	1,088	42.1	1.48	13.42
20%	0.50	7.43	1,768	104.9	3.70	14.12
30%	1.05	15.53	2,466	207.4	7.31	13.36
40%	2.07	30.67	3,225	359.4	12.67	11.72
50%	3.61	53.49	3,928	556.2	19.60	10.40
60%	5.95	88.06	4,658	799.1	28.16	9.07
70%	8.97	132.71	5,315	1061.2	37.40	8.00
80%	12.46	184.42	5,903	1320.5	46.54	7.16
90%	16.63	246.15	6,448	1593.5	56.16	6.47
100%	19.77	292.54	6,743	1786.7	62.97	6.11

## Propeller Thrust vs Throttle Position



## Cobra CM-4008/24 Motor Test Data, Kv=600

Data Collected at 14.8 volts with APC 13x5.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.21	3.14	1,088	42.1	1.48	13.42
20%	0.50	7.43	1,768	104.9	3.70	14.12
30%	1.05	15.53	2,466	207.4	7.31	13.36
40%	2.07	30.67	3,225	359.4	12.67	11.72
50%	3.61	53.49	3,928	556.2	19.60	10.40
60%	5.95	88.06	4,658	799.1	28.16	9.07
70%	8.97	132.71	5,315	1061.2	37.40	8.00
80%	12.46	184.42	5,903	1320.5	46.54	7.16
90%	16.63	246.15	6,448	1593.5	56.16	6.47
100%	19.77	292.54	6,743	1786.7	62.97	6.11

### Propeller Efficiency vs Throttle Position

