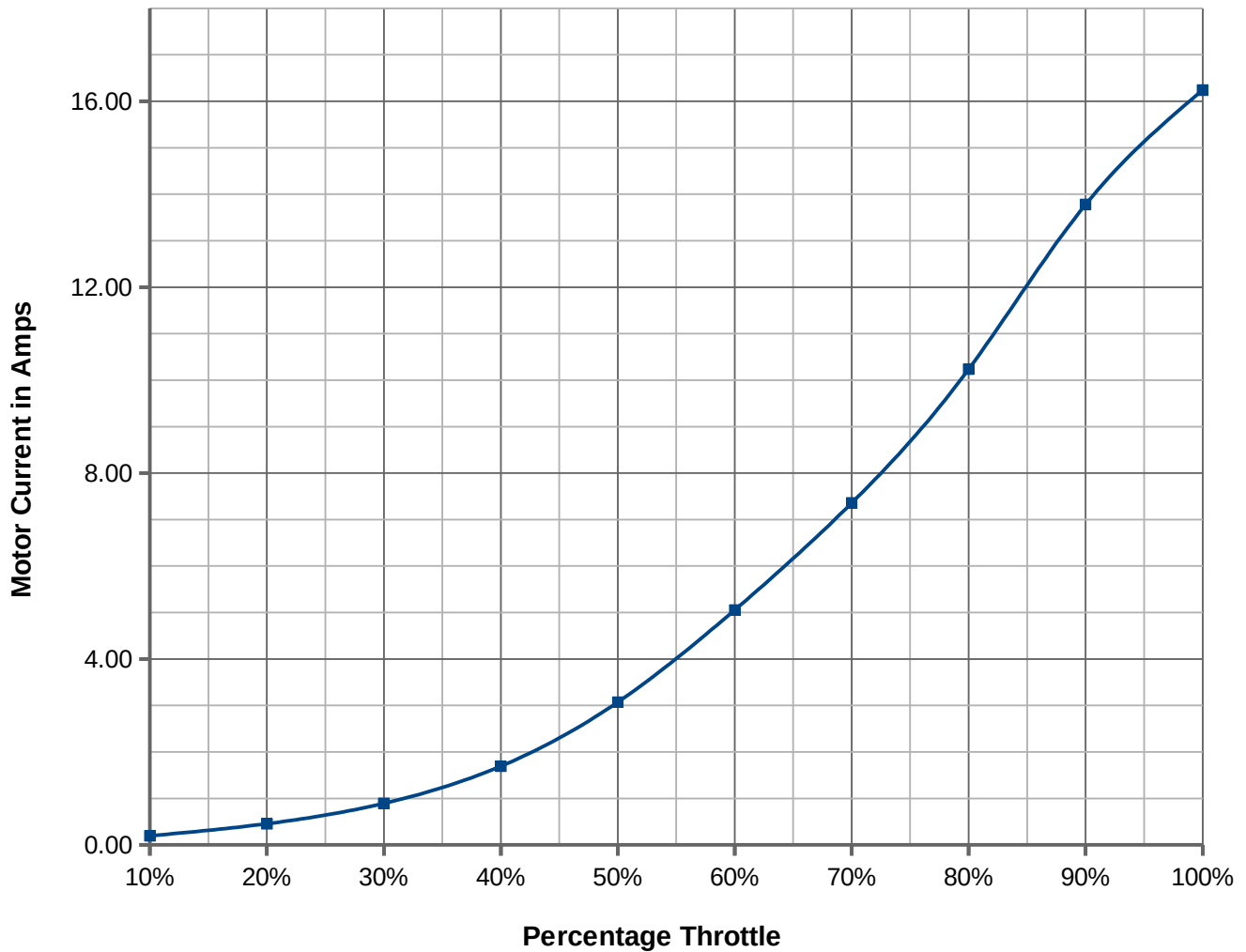


# Cobra CM-4006/36 Motor Test Data, Kv=500

Data Collected at 22.2 volts with RC-Timer 11x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.19	4.31	1,573	42.0	1.48	9.75
20%	0.46	10.10	2,506	104.7	3.69	10.37
30%	0.89	19.80	3,397	194.3	6.85	9.81
40%	1.69	37.58	4,386	345.6	12.18	9.20
50%	3.07	68.15	5,449	544.4	19.19	7.99
60%	5.05	112.18	6,440	784.0	27.63	6.99
70%	7.36	163.28	7,258	1010.6	35.62	6.19
80%	10.24	227.24	8,029	1261.4	44.45	5.55
90%	13.78	305.92	8,749	1530.8	53.95	5.00
100%	16.24	360.53	9,140	1683.0	59.31	4.67

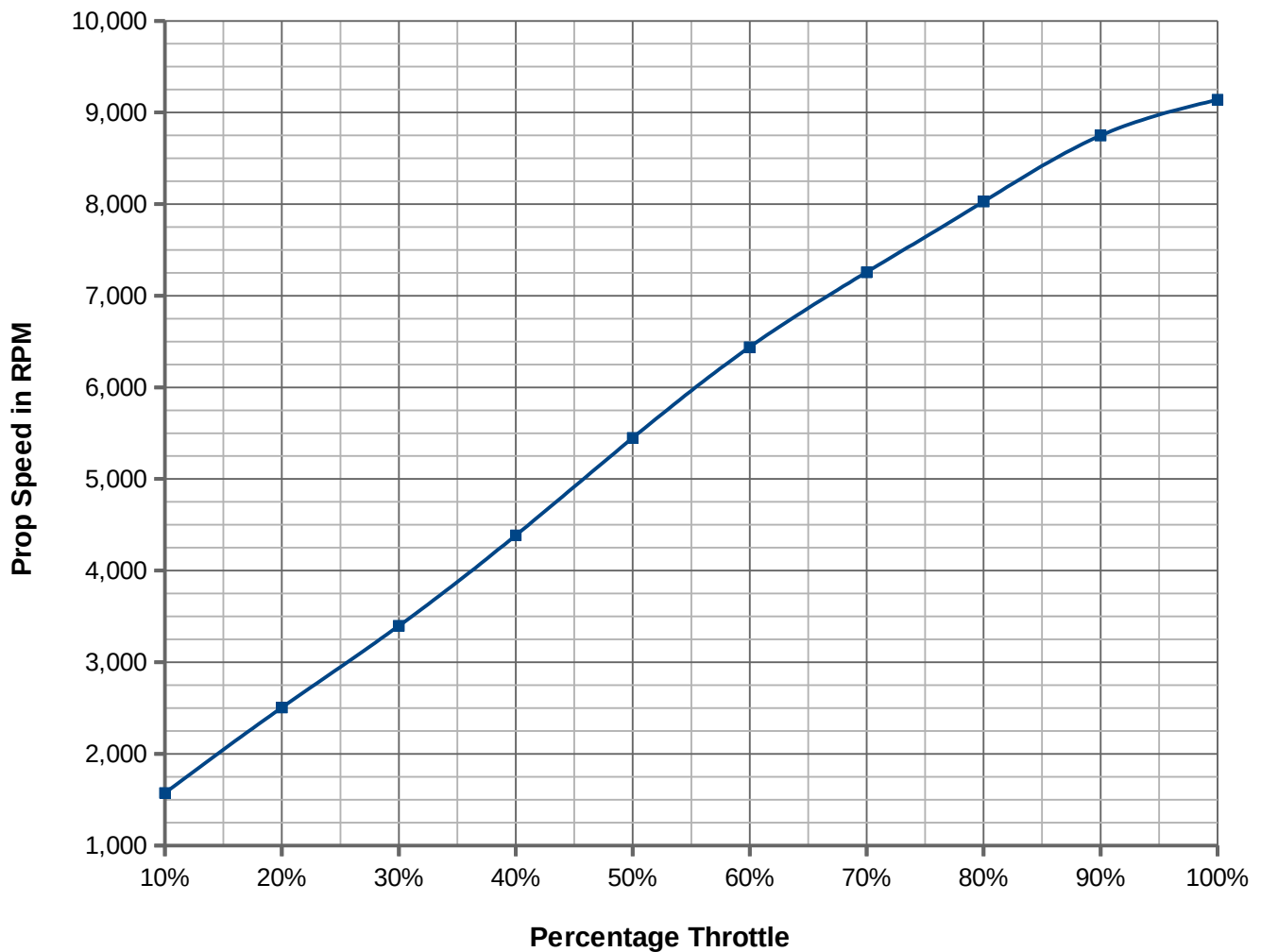
## Motor Current vs Throttle Position



# Cobra CM-4006/36 Motor Test Data, Kv=500

Data Collected at 22.2 volts with RC-Timer 11x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.19	4.31	1,573	42.0	1.48	9.75
20%	0.46	10.10	2,506	104.7	3.69	10.37
30%	0.89	19.80	3,397	194.3	6.85	9.81
40%	1.69	37.58	4,386	345.6	12.18	9.20
50%	3.07	68.15	5,449	544.4	19.19	7.99
60%	5.05	112.18	6,440	784.0	27.63	6.99
70%	7.36	163.28	7,258	1010.6	35.62	6.19
80%	10.24	227.24	8,029	1261.4	44.45	5.55
90%	13.78	305.92	8,749	1530.8	53.95	5.00
100%	16.24	360.53	9,140	1683.0	59.31	4.67

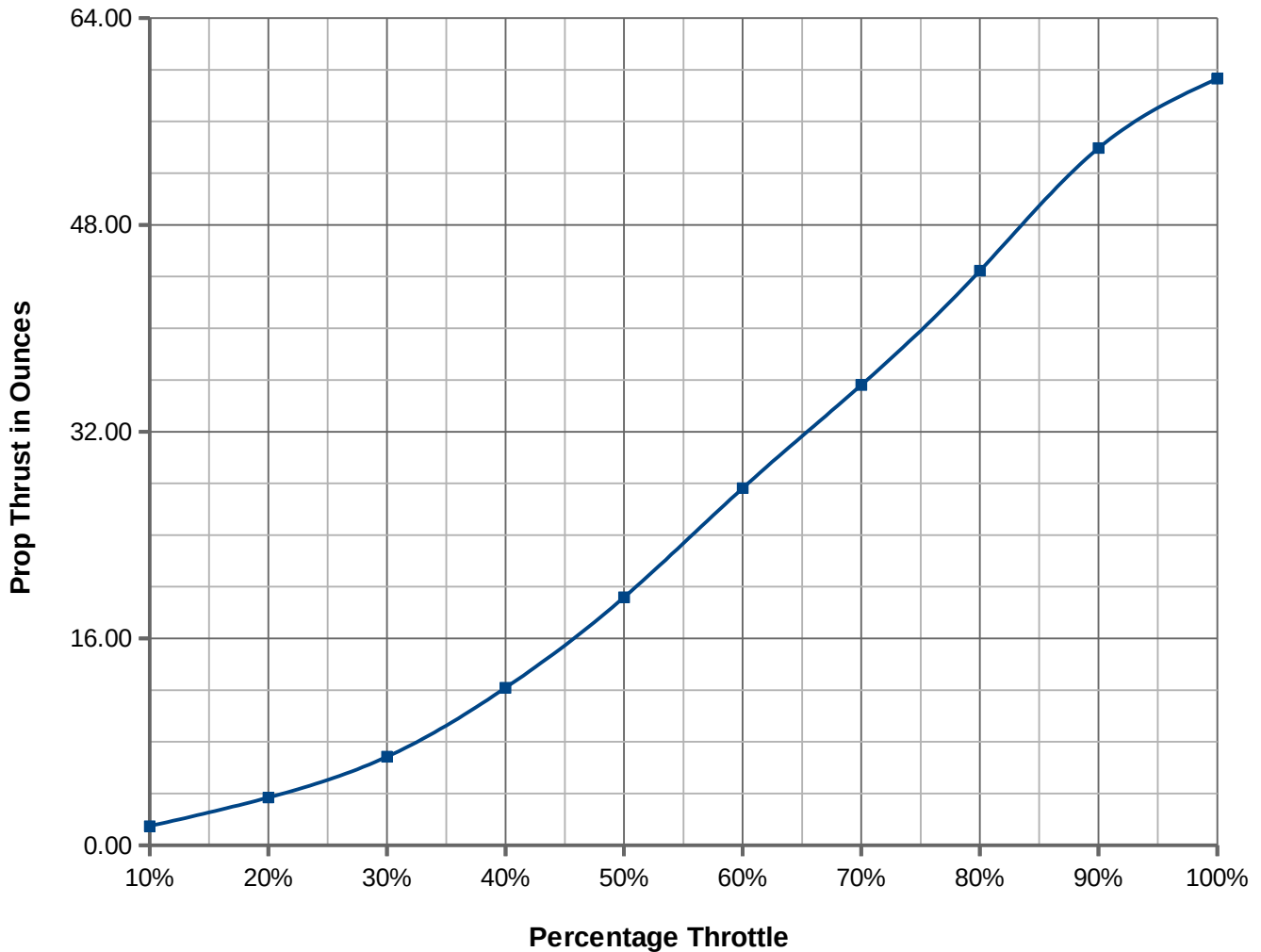
## Propeller RPM vs Throttle Position



# Cobra CM-4006/36 Motor Test Data, Kv=500

Data Collected at 22.2 volts with RC-Timer 11x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.19	4.31	1,573	42.0	1.48	9.75
20%	0.46	10.10	2,506	104.7	3.69	10.37
30%	0.89	19.80	3,397	194.3	6.85	9.81
40%	1.69	37.58	4,386	345.6	12.18	9.20
50%	3.07	68.15	5,449	544.4	19.19	7.99
60%	5.05	112.18	6,440	784.0	27.63	6.99
70%	7.36	163.28	7,258	1010.6	35.62	6.19
80%	10.24	227.24	8,029	1261.4	44.45	5.55
90%	13.78	305.92	8,749	1530.8	53.95	5.00
100%	16.24	360.53	9,140	1683.0	59.31	4.67

## Propeller Thrust vs Throttle Position



# Cobra CM-4006/36 Motor Test Data, Kv=500

Data Collected at 22.2 volts with RC-Timer 11x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.19	4.31	1,573	42.0	1.48	9.75
20%	0.46	10.10	2,506	104.7	3.69	10.37
30%	0.89	19.80	3,397	194.3	6.85	9.81
40%	1.69	37.58	4,386	345.6	12.18	9.20
50%	3.07	68.15	5,449	544.4	19.19	7.99
60%	5.05	112.18	6,440	784.0	27.63	6.99
70%	7.36	163.28	7,258	1010.6	35.62	6.19
80%	10.24	227.24	8,029	1261.4	44.45	5.55
90%	13.78	305.92	8,749	1530.8	53.95	5.00
100%	16.24	360.53	9,140	1683.0	59.31	4.67

## Propeller Efficiency vs Throttle Position

