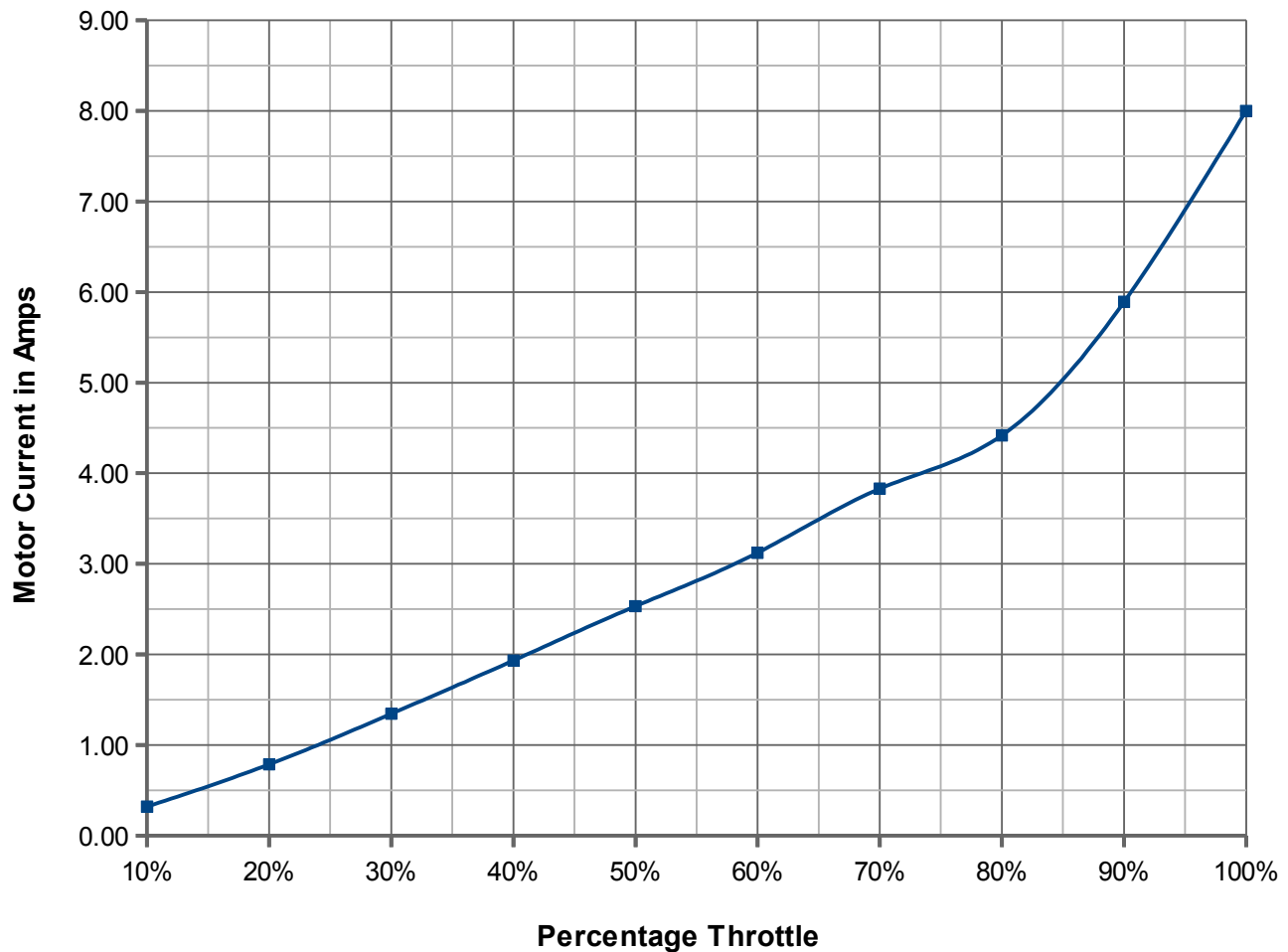


## Cobra 2204/28 Motor Test Data, Kv=2300

Data Collected at 11.1 volts with GemFan 5x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.32	3.55	5,435	26.7	0.94	7.52
20%	0.79	8.74	8,409	66.1	2.33	7.57
30%	1.35	14.93	10,519	108.5	3.82	7.27
40%	1.93	21.46	12,178	142.1	5.01	6.62
50%	2.53	28.12	13,604	175.9	6.20	6.26
60%	3.12	34.65	14,821	206.7	7.28	5.96
70%	3.83	42.50	15,942	247.9	8.74	5.83
80%	4.42	49.04	16,908	274.3	9.67	5.59
90%	5.89	65.40	18,838	342.0	12.05	5.23
100%	8.00	88.80	21,190	431.7	15.21	4.86

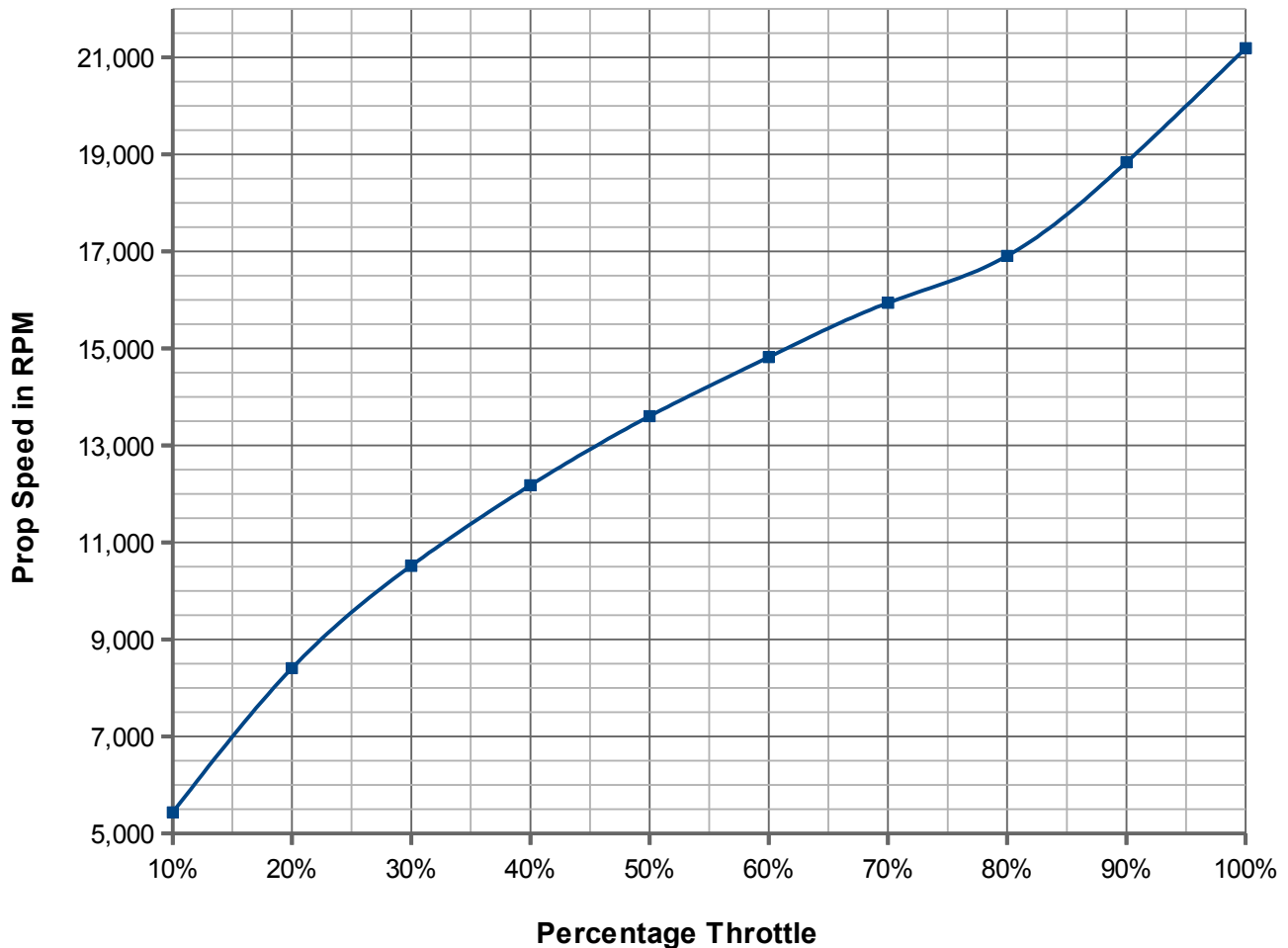
### Motor Current vs Throttle Position



# Cobra 2204/28 Motor Test Data, Kv=2300

Data Collected at 11.1 volts with GemFan 5x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.32	3.55	5,435	26.7	0.94	7.52
20%	0.79	8.74	8,409	66.1	2.33	7.57
30%	1.35	14.93	10,519	108.5	3.82	7.27
40%	1.93	21.46	12,178	142.1	5.01	6.62
50%	2.53	28.12	13,604	175.9	6.20	6.26
60%	3.12	34.65	14,821	206.7	7.28	5.96
70%	3.83	42.50	15,942	247.9	8.74	5.83
80%	4.42	49.04	16,908	274.3	9.67	5.59
90%	5.89	65.40	18,838	342.0	12.05	5.23
100%	8.00	88.80	21,190	431.7	15.21	4.86

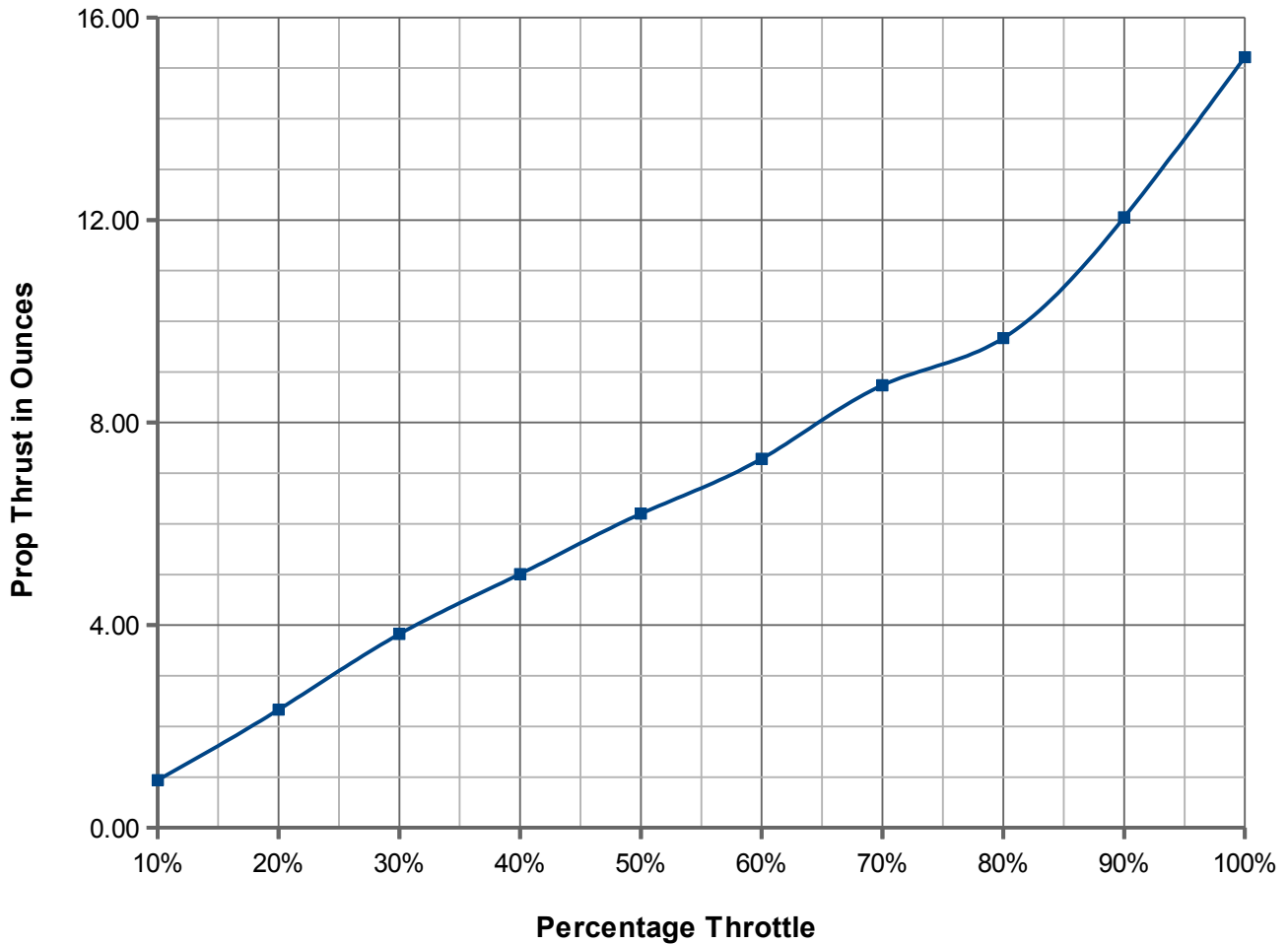
## Propeller RPM vs Throttle Position



# Cobra 2204/28 Motor Test Data, Kv=2300

Data Collected at 11.1 volts with GemFan 5x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.32	3.55	5,435	26.7	0.94	7.52
20%	0.79	8.74	8,409	66.1	2.33	7.57
30%	1.35	14.93	10,519	108.5	3.82	7.27
40%	1.93	21.46	12,178	142.1	5.01	6.62
50%	2.53	28.12	13,604	175.9	6.20	6.26
60%	3.12	34.65	14,821	206.7	7.28	5.96
70%	3.83	42.50	15,942	247.9	8.74	5.83
80%	4.42	49.04	16,908	274.3	9.67	5.59
90%	5.89	65.40	18,838	342.0	12.05	5.23
100%	8.00	88.80	21,190	431.7	15.21	4.86

## Propeller Thrust vs Throttle Position



# Cobra 2204/28 Motor Test Data, Kv=2300

Data Collected at 11.1 volts with GemFan 5x3 Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.32	3.55	5,435	26.7	0.94	7.52
20%	0.79	8.74	8,409	66.1	2.33	7.57
30%	1.35	14.93	10,519	108.5	3.82	7.27
40%	1.93	21.46	12,178	142.1	5.01	6.62
50%	2.53	28.12	13,604	175.9	6.20	6.26
60%	3.12	34.65	14,821	206.7	7.28	5.96
70%	3.83	42.50	15,942	247.9	8.74	5.83
80%	4.42	49.04	16,908	274.3	9.67	5.59
90%	5.89	65.40	18,838	342.0	12.05	5.23
100%	8.00	88.80	21,190	431.7	15.21	4.86

## Propeller Efficiency vs Throttle Position

