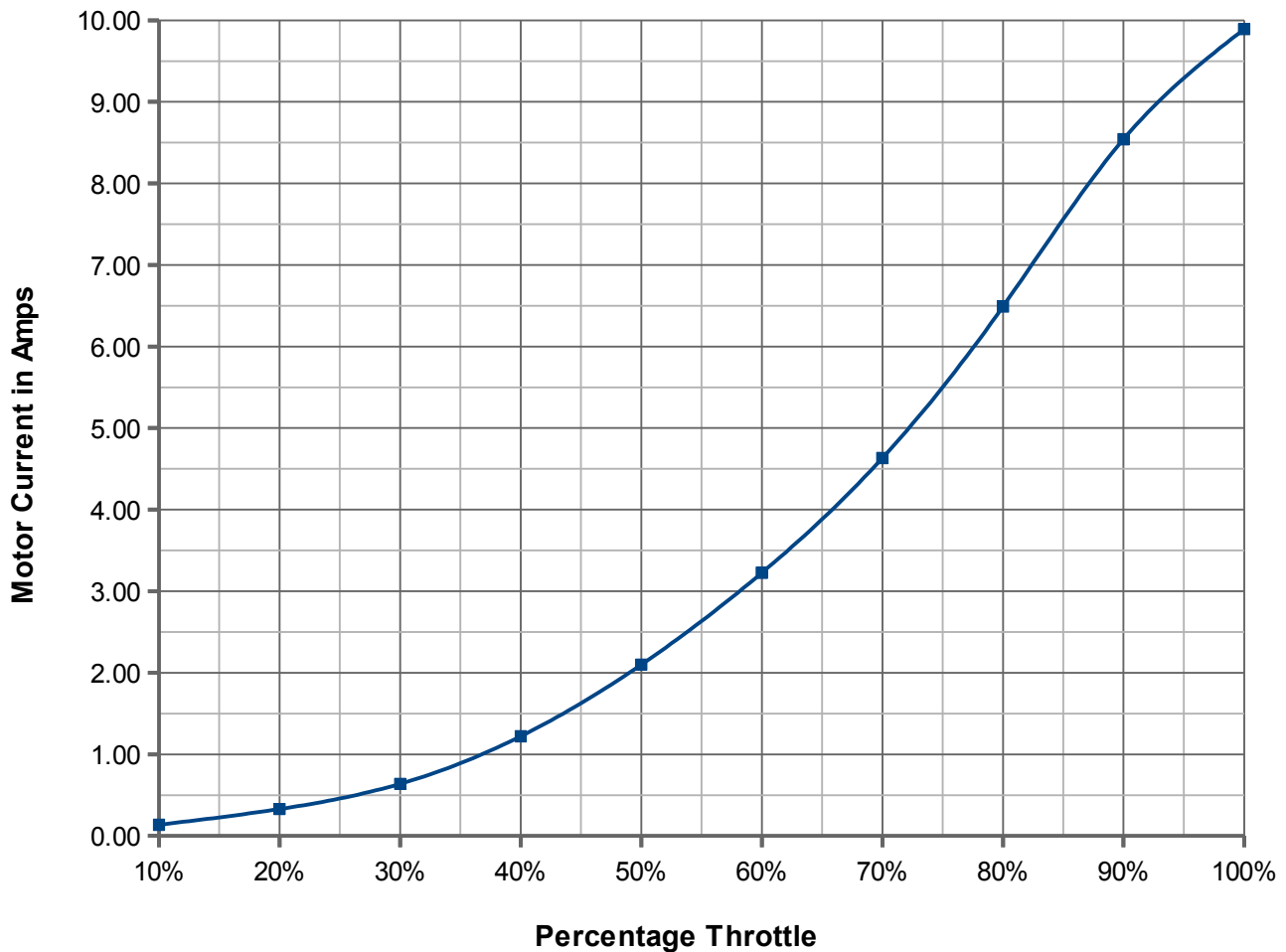


# Cobra CM-2213-36 Motor Test Data, Kv=740

Data Collected at 14.8 volts with RC-Timer 11x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.14	2.01	1,310	29.1	1.03	14.46
20%	0.33	4.87	2,048	72.1	2.54	14.81
30%	0.64	9.44	2,704	125.3	4.42	13.27
40%	1.22	18.07	3,467	211.1	7.44	11.68
50%	2.10	31.07	4,196	311.2	10.97	10.02
60%	3.23	47.73	4,843	422.9	14.90	8.86
70%	4.63	68.55	5,441	534.6	18.84	7.80
80%	6.49	96.08	6,000	683.0	24.07	7.11
90%	8.54	126.44	6,528	808.6	28.50	6.40
100%	9.89	146.40	6,793	879.3	30.99	6.01

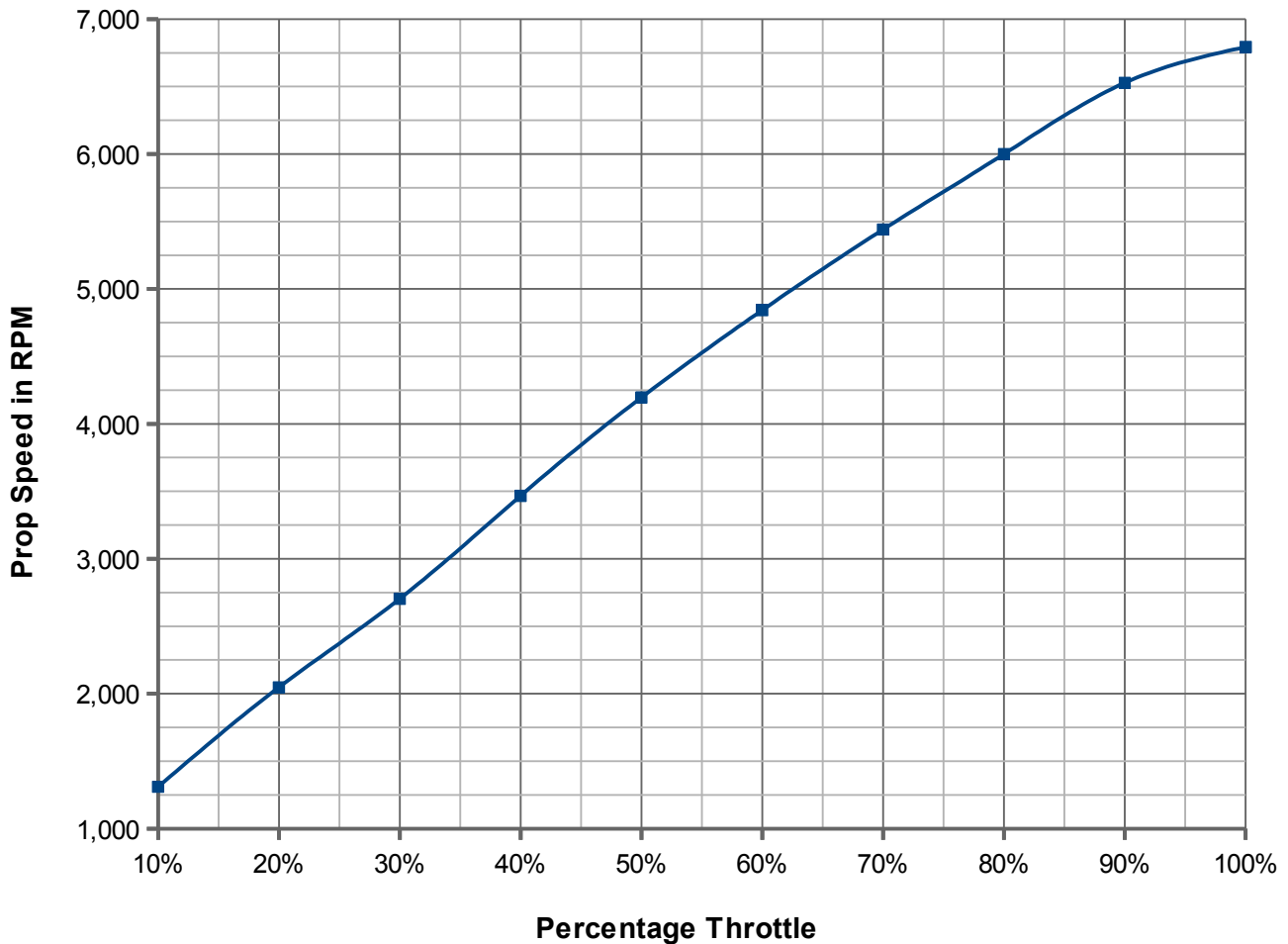
## Motor Current vs Throttle Position



# Cobra CM-2213-36 Motor Test Data, Kv=740

Data Collected at 14.8 volts with RC-Timer 11x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.14	2.01	1,310	29.1	1.03	14.46
20%	0.33	4.87	2,048	72.1	2.54	14.81
30%	0.64	9.44	2,704	125.3	4.42	13.27
40%	1.22	18.07	3,467	211.1	7.44	11.68
50%	2.10	31.07	4,196	311.2	10.97	10.02
60%	3.23	47.73	4,843	422.9	14.90	8.86
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80%	6.49	96.08	6,000	683.0	24.07	7.11
90%	8.54	126.44	6,528	808.6	28.50	6.40
100%	9.89	146.40	6,793	879.3	30.99	6.01

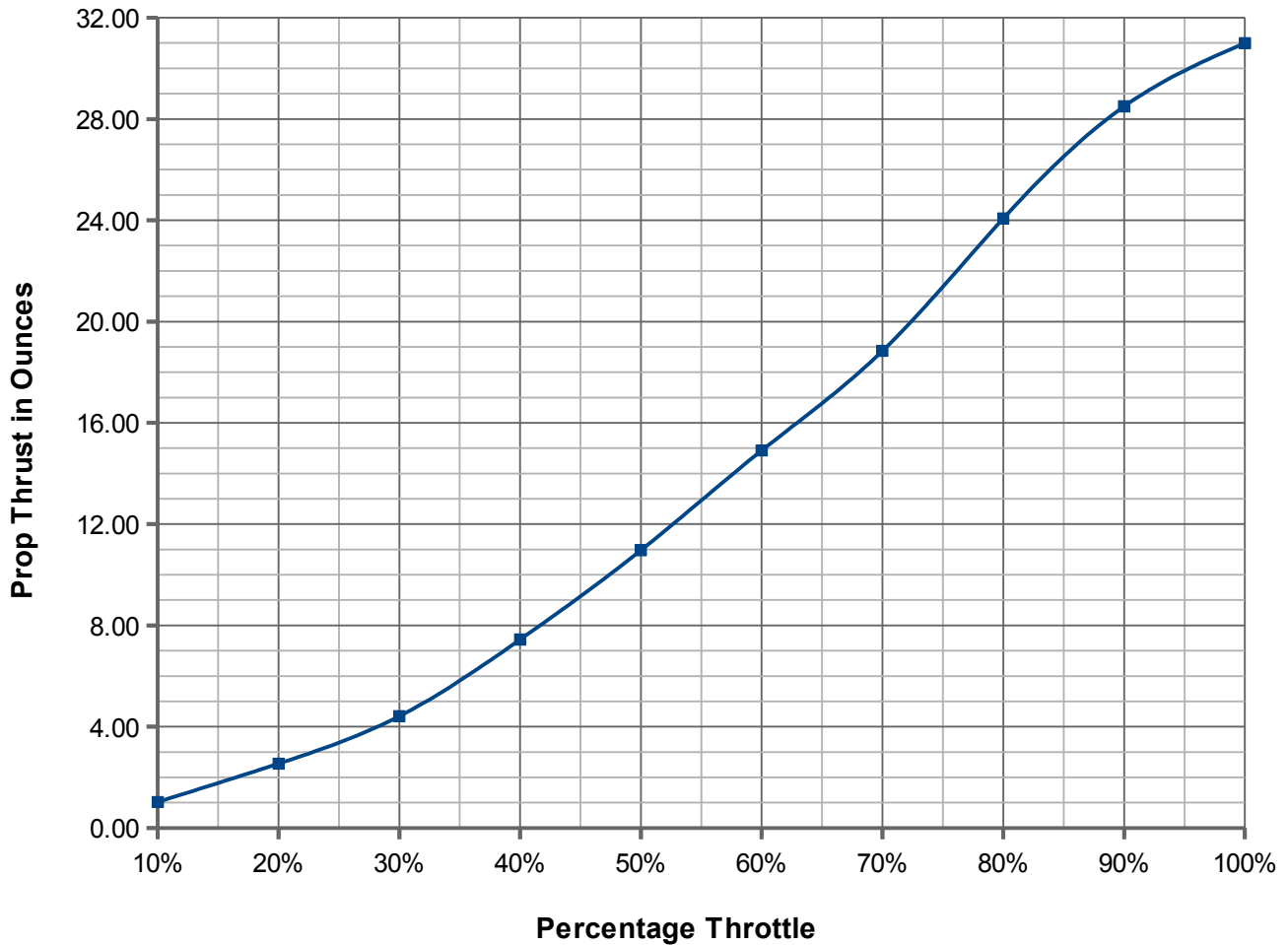
## Propeller RPM vs Throttle Position



# Cobra CM-2213-36 Motor Test Data, Kv=740

Data Collected at 14.8 volts with RC-Timer 11x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.14	2.01	1,310	29.1	1.03	14.46
20%	0.33	4.87	2,048	72.1	2.54	14.81
30%	0.64	9.44	2,704	125.3	4.42	13.27
40%	1.22	18.07	3,467	211.1	7.44	11.68
50%	2.10	31.07	4,196	311.2	10.97	10.02
60%	3.23	47.73	4,843	422.9	14.90	8.86
70%	4.63	68.55	5,441	534.6	18.84	7.80
80%	6.49	96.08	6,000	683.0	24.07	7.11
90%	8.54	126.44	6,528	808.6	28.50	6.40
100%	9.89	146.40	6,793	879.3	30.99	6.01

## Propeller Thrust vs Throttle Position



# Cobra CM-2213-36 Motor Test Data, Kv=740

Data Collected at 14.8 volts with RC-Timer 11x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.14	2.01	1,310	29.1	1.03	14.46
20%	0.33	4.87	2,048	72.1	2.54	14.81
30%	0.64	9.44	2,704	125.3	4.42	13.27
40%	1.22	18.07	3,467	211.1	7.44	11.68
50%	2.10	31.07	4,196	311.2	10.97	10.02
60%	3.23	47.73	4,843	422.9	14.90	8.86
70%	4.63	68.55	5,441	534.6	18.84	7.80
80%	6.49	96.08	6,000	683.0	24.07	7.11
90%	8.54	126.44	6,528	808.6	28.50	6.40
100%	9.89	146.40	6,793	879.3	30.99	6.01

## Propeller Efficiency vs Throttle Position

