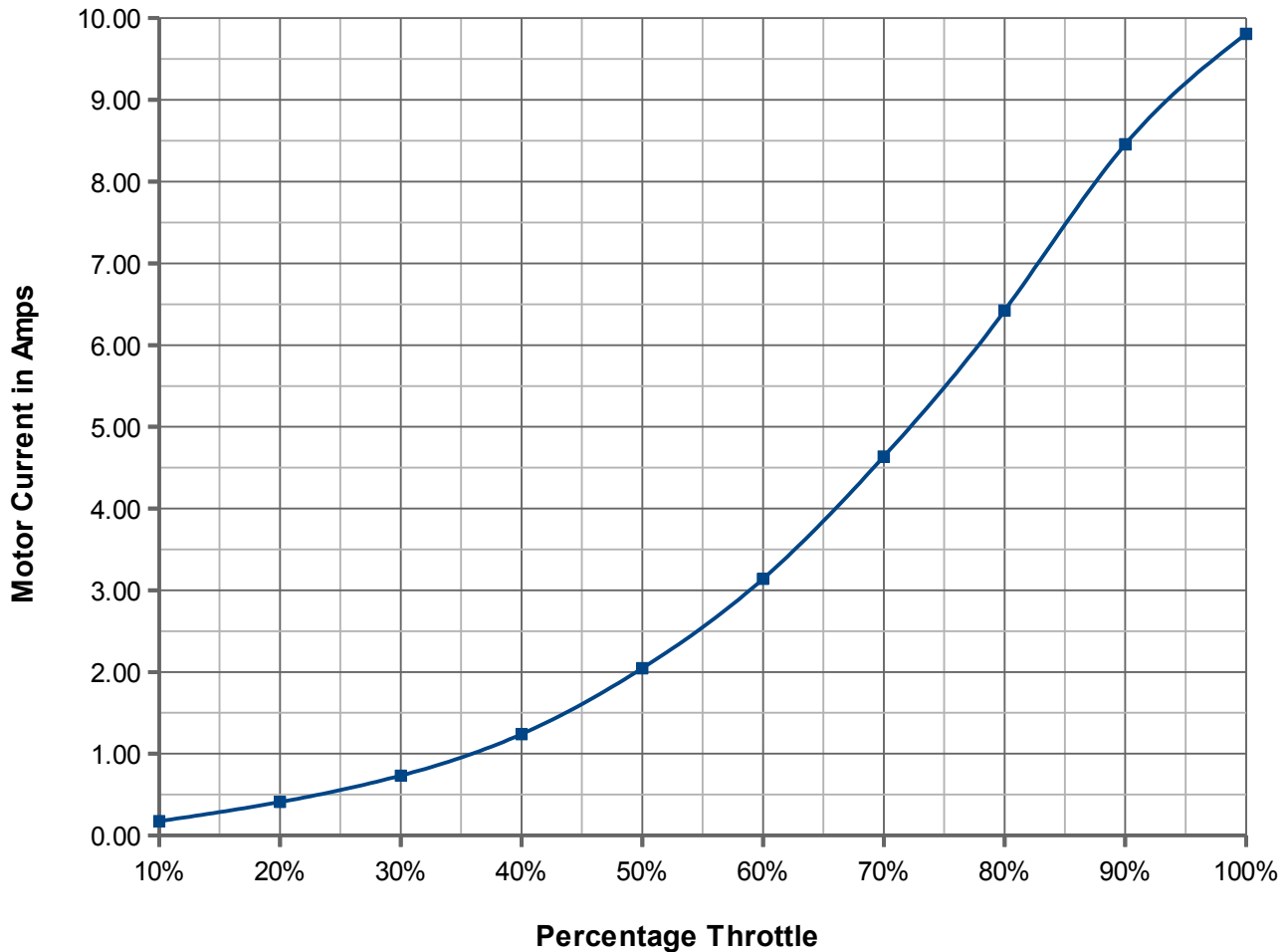


# Cobra CM-2208/34 Motor Test Data, Kv=1200

Data Collected at 11.1 volts with APC 8x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.17	1.93	1,793	24.0	0.85	12.43
20%	0.41	4.54	2,850	53.7	1.89	11.83
30%	0.73	8.13	3,683	89.9	3.17	11.06
40%	1.24	13.75	4,534	135.0	4.76	9.82
50%	2.05	22.71	5,472	201.9	7.12	8.89
60%	3.14	34.84	6,358	271.6	9.57	7.79
70%	4.64	51.45	7,238	363.6	12.81	7.07
80%	6.42	71.28	8,027	459.2	16.18	6.44
90%	8.46	93.87	8,752	550.7	19.41	5.87
100%	9.81	108.88	9,131	605.8	21.35	5.56

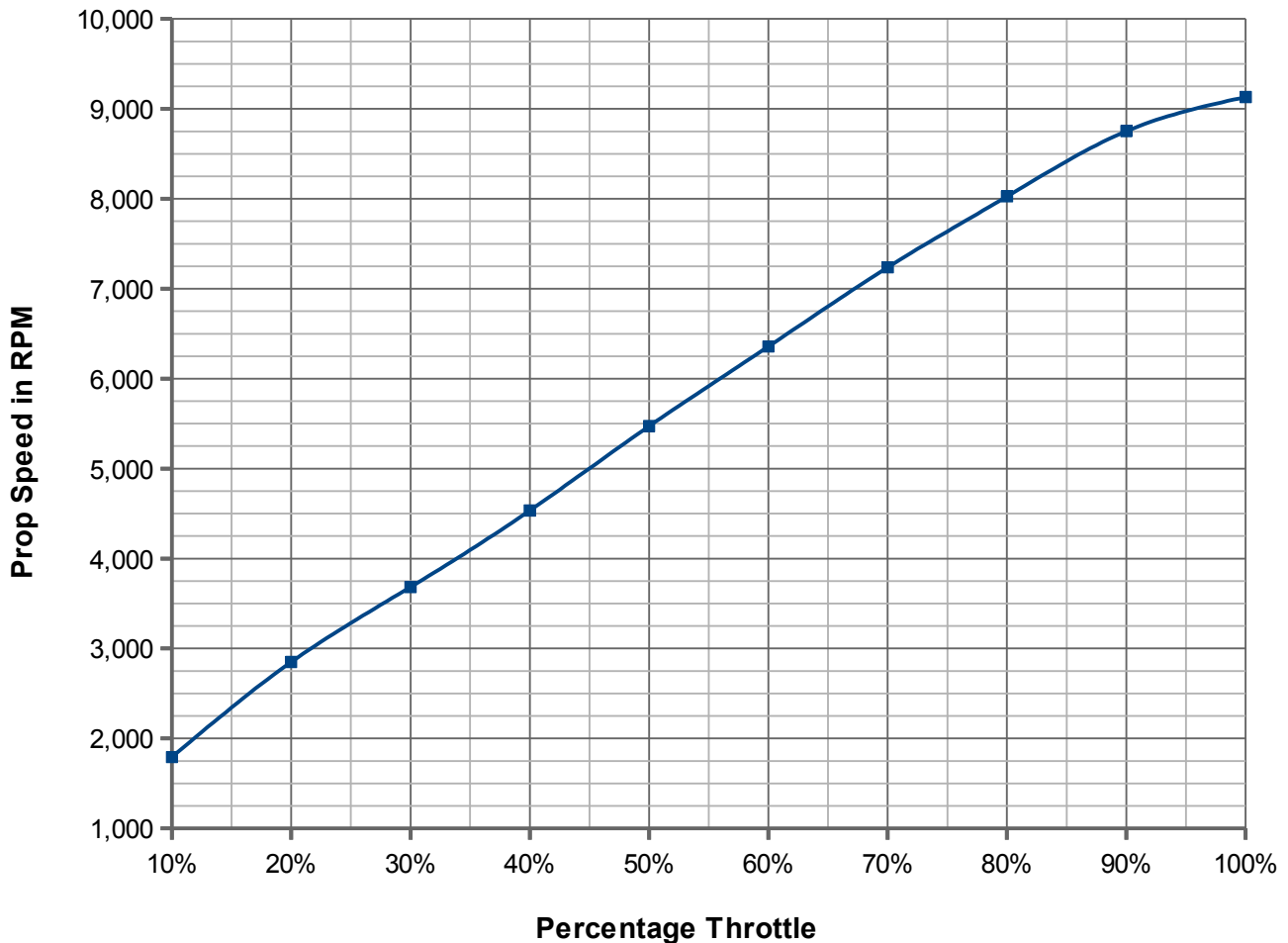
## Motor Current vs Throttle Position



# Cobra CM-2208/34 Motor Test Data, Kv=1200

Data Collected at 11.1 volts with APC 8x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.17	1.93	1,793	24.0	0.85	12.43
20%	0.41	4.54	2,850	53.7	1.89	11.83
30%	0.73	8.13	3,683	89.9	3.17	11.06
40%	1.24	13.75	4,534	135.0	4.76	9.82
50%	2.05	22.71	5,472	201.9	7.12	8.89
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70%	4.64	51.45	7,238	363.6	12.81	7.07
80%	6.42	71.28	8,027	459.2	16.18	6.44
90%	8.46	93.87	8,752	550.7	19.41	5.87
100%	9.81	108.88	9,131	605.8	21.35	5.56

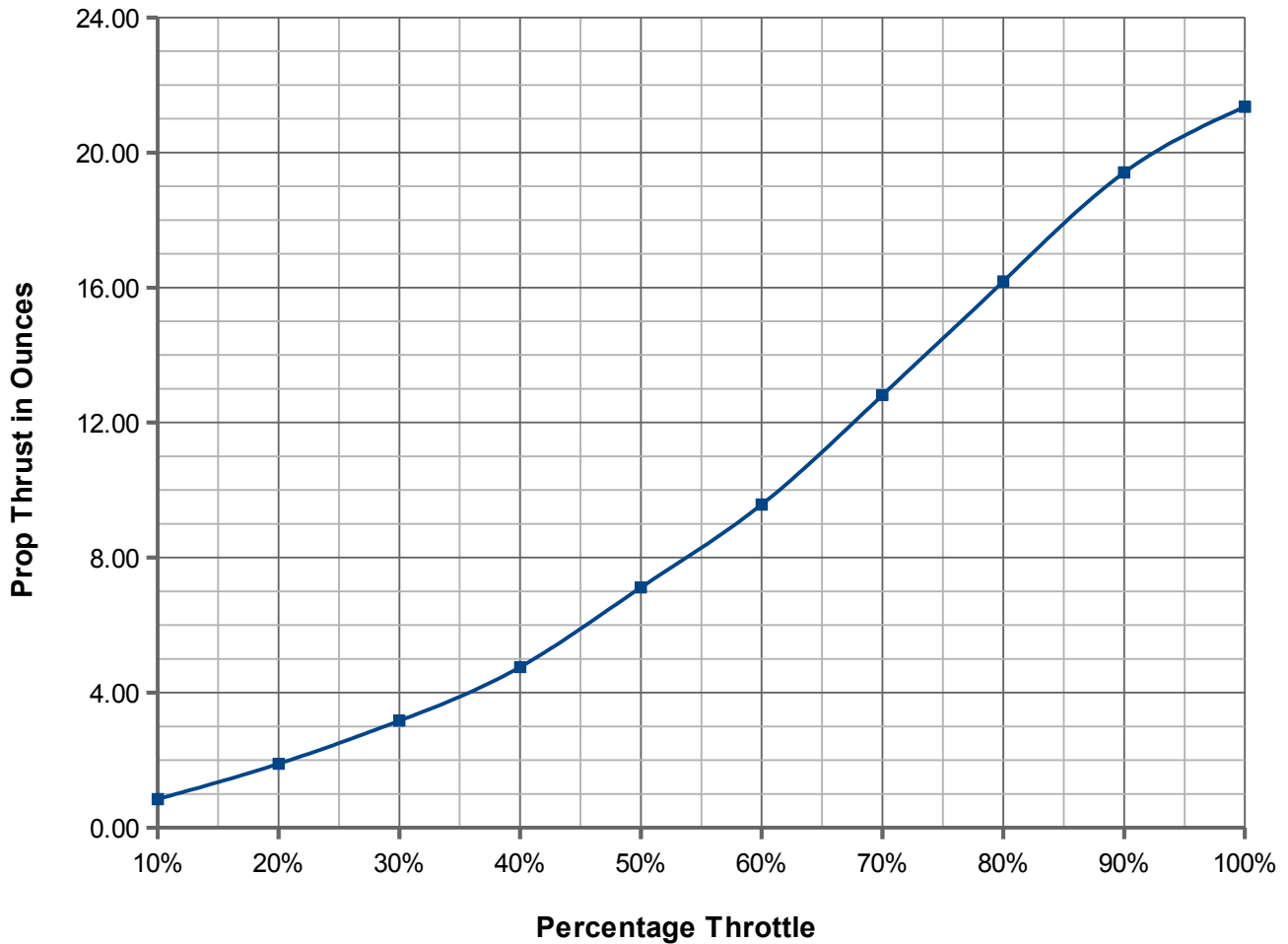
## Propeller RPM vs Throttle Position



# Cobra CM-2208/34 Motor Test Data, Kv=1200

Data Collected at 11.1 volts with APC 8x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.17	1.93	1,793	24.0	0.85	12.43
20%	0.41	4.54	2,850	53.7	1.89	11.83
30%	0.73	8.13	3,683	89.9	3.17	11.06
40%	1.24	13.75	4,534	135.0	4.76	9.82
50%	2.05	22.71	5,472	201.9	7.12	8.89
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70%	4.64	51.45	7,238	363.6	12.81	7.07
80%	6.42	71.28	8,027	459.2	16.18	6.44
90%	8.46	93.87	8,752	550.7	19.41	5.87
100%	9.81	108.88	9,131	605.8	21.35	5.56

## Propeller Thrust vs Throttle Position



# Cobra CM-2208/34 Motor Test Data, Kv=1200

Data Collected at 11.1 volts with APC 8x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.17	1.93	1,793	24.0	0.85	12.43
20%	0.41	4.54	2,850	53.7	1.89	11.83
30%	0.73	8.13	3,683	89.9	3.17	11.06
40%	1.24	13.75	4,534	135.0	4.76	9.82
50%	2.05	22.71	5,472	201.9	7.12	8.89
60%	3.14	34.84	6,358	271.6	9.57	7.79
70%	4.64	51.45	7,238	363.6	12.81	7.07
80%	6.42	71.28	8,027	459.2	16.18	6.44
90%	8.46	93.87	8,752	550.7	19.41	5.87
100%	9.81	108.88	9,131	605.8	21.35	5.56

## Propeller Efficiency vs Throttle Position

