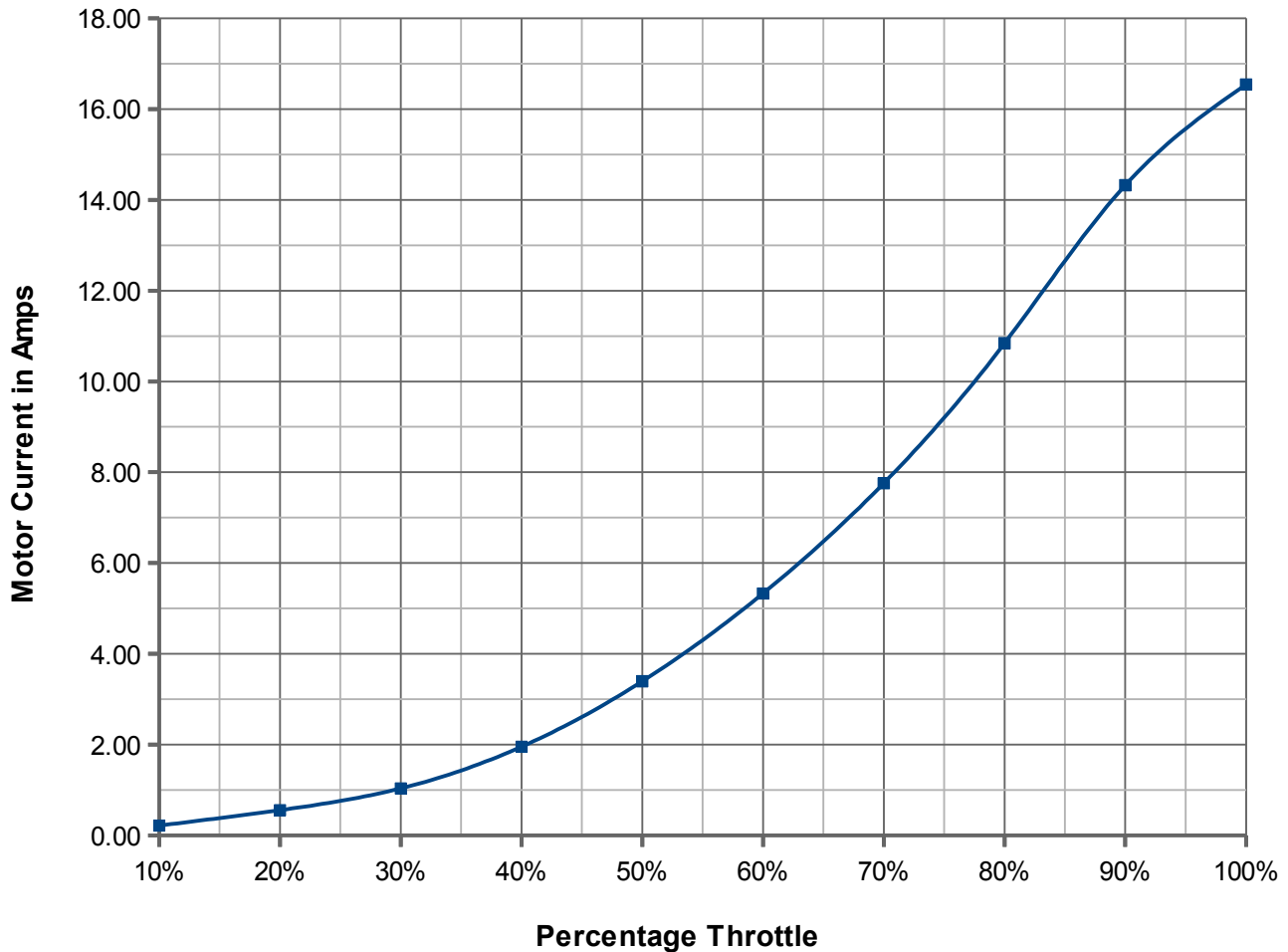


Cobra CM-2217-20 Motor Test Data, Kv=950

Data Collected at 11.1 volts with GemFan 11x4.7-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.22	2.42	1,300	38.3	1.35	15.83
20%	0.56	6.18	2,044	94.7	3.34	15.32
30%	1.04	11.50	2,639	155.3	5.47	13.50
40%	1.95	21.69	3,351	247.5	8.72	11.41
50%	3.39	37.67	4,070	376.1	13.25	9.98
60%	5.33	59.15	4,709	513.6	18.10	8.68
70%	7.76	86.10	5,293	667.2	23.51	7.75
80%	10.84	120.35	5,845	842.9	29.71	7.00
90%	14.32	159.00	6,372	1002.5	35.33	6.31
100%	16.54	183.64	6,619	1098.3	38.71	5.98

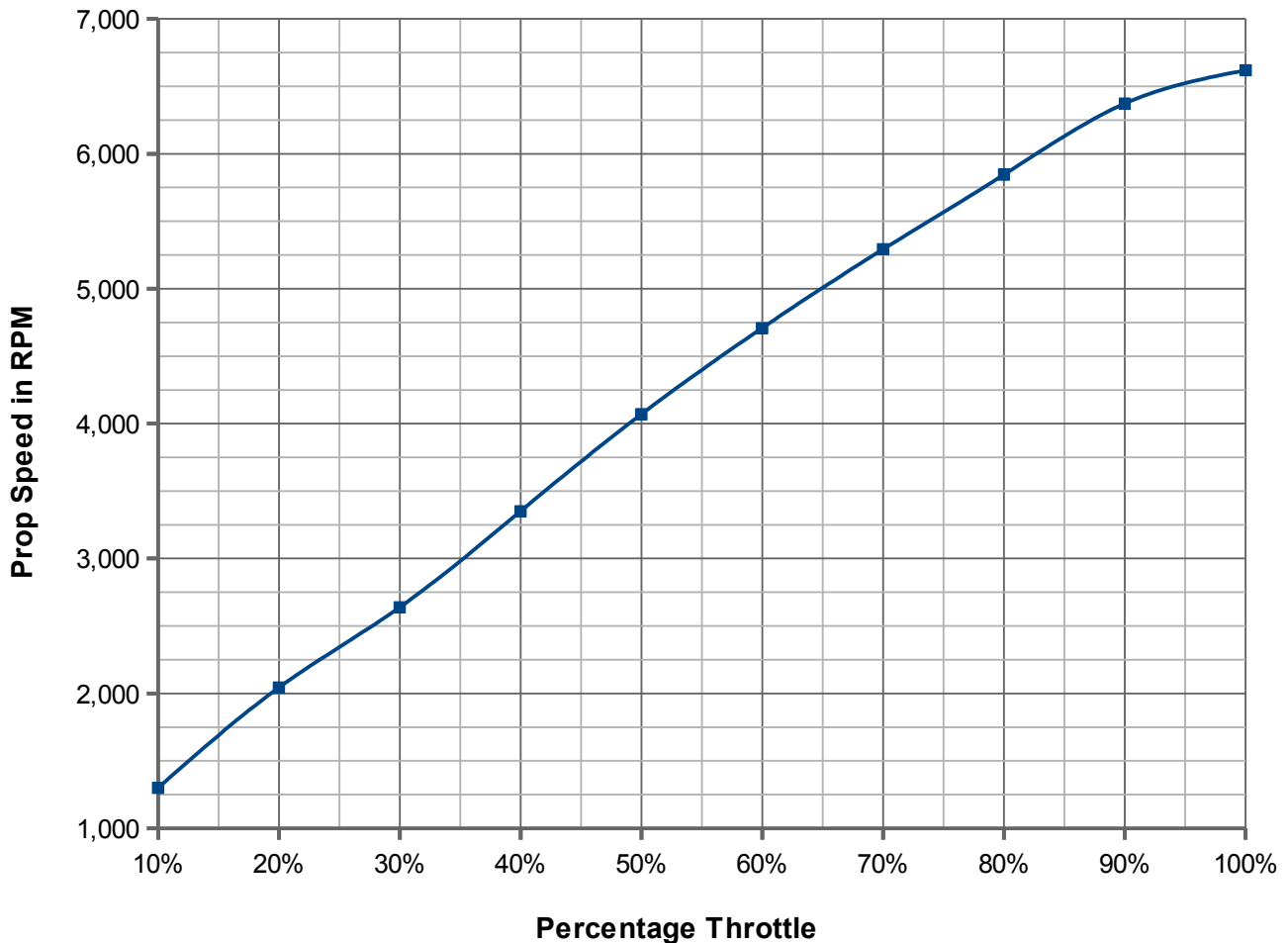
Motor Current vs Throttle Position



Cobra CM-2217-20 Motor Test Data, Kv=950

Data Collected at 11.1 volts with GemFan 11x4.7-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.22	2.42	1,300	38.3	1.35	15.83
20%	0.56	6.18	2,044	94.7	3.34	15.32
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80%	10.84	120.35	5,845	842.9	29.71	7.00
90%	14.32	159.00	6,372	1002.5	35.33	6.31
100%	16.54	183.64	6,619	1098.3	38.71	5.98

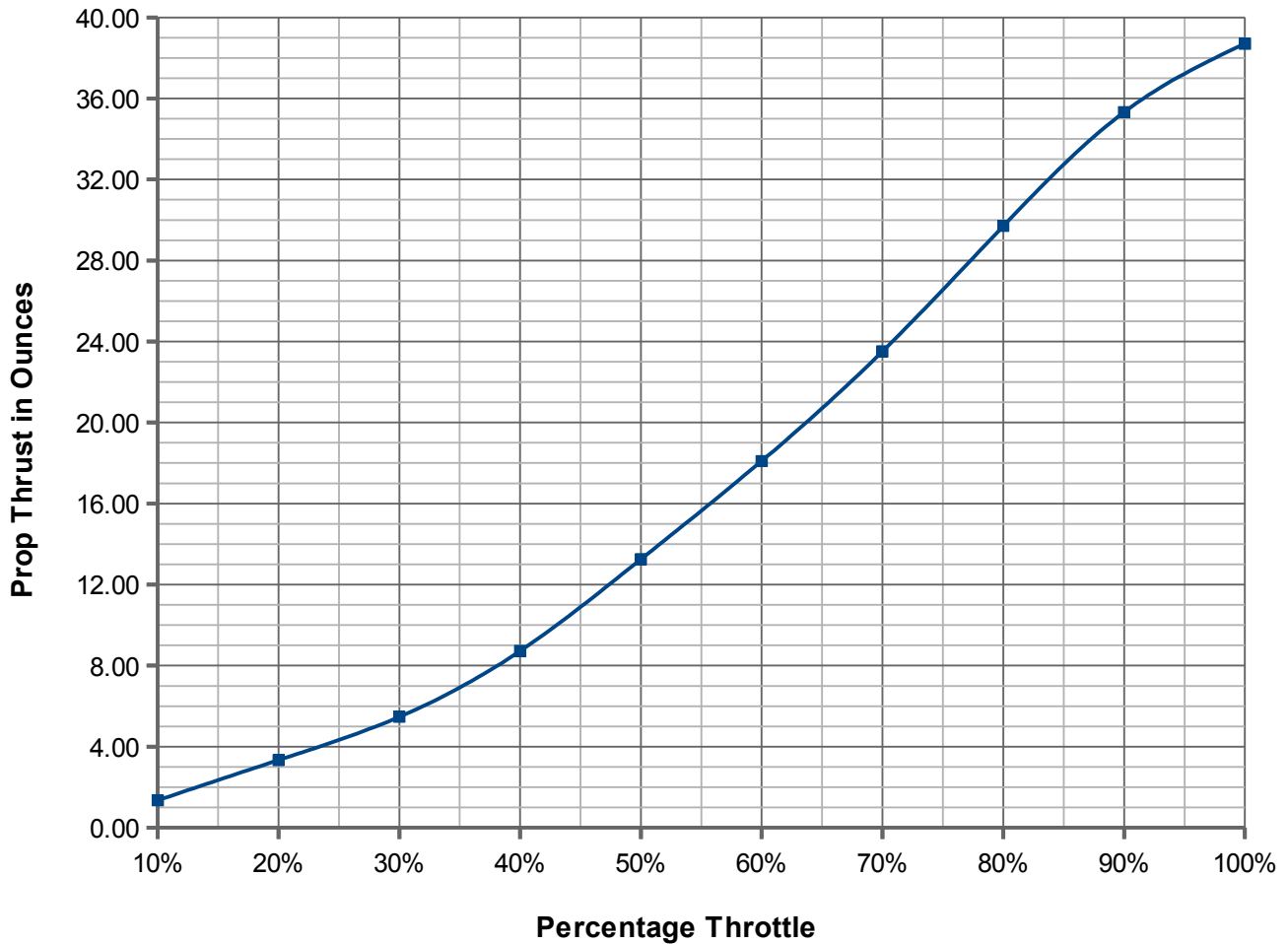
Propeller RPM vs Throttle Position



Cobra CM-2217-20 Motor Test Data, Kv=950

Data Collected at 11.1 volts with GemFan 11x4.7-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.22	2.42	1,300	38.3	1.35	15.83
20%	0.56	6.18	2,044	94.7	3.34	15.32
30%	1.04	11.50	2,639	155.3	5.47	13.50
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80%	10.84	120.35	5,845	842.9	29.71	7.00
90%	14.32	159.00	6,372	1002.5	35.33	6.31
100%	16.54	183.64	6,619	1098.3	38.71	5.98

Propeller Thrust vs Throttle Position



Cobra CM-2217-20 Motor Test Data, Kv=950

Data Collected at 11.1 volts with GemFan 11x4.7-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.22	2.42	1,300	38.3	1.35	15.83
20%	0.56	6.18	2,044	94.7	3.34	15.32
30%	1.04	11.50	2,639	155.3	5.47	13.50
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80%	10.84	120.35	5,845	842.9	29.71	7.00
90%	14.32	159.00	6,372	1002.5	35.33	6.31
100%	16.54	183.64	6,619	1098.3	38.71	5.98

Propeller Efficiency vs Throttle Position

