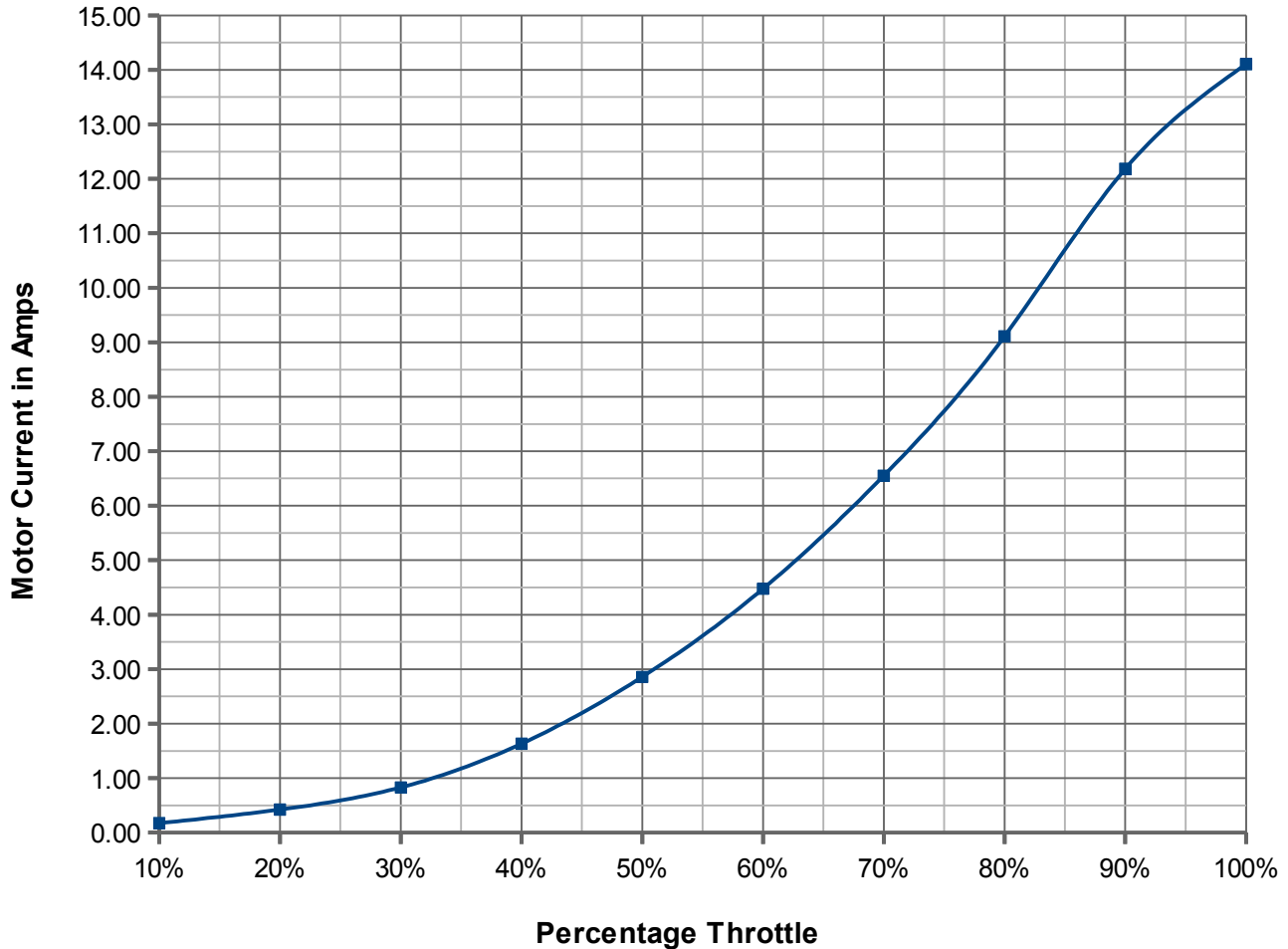


Cobra CM-2217-26 Motor Test Data, Kv=695

Data Collected at 14.8 volts with APC 12x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.17	2.56	1,333	40.8	1.44	15.94
20%	0.42	6.28	2,056	96.5	3.40	15.38
30%	0.83	12.28	2,677	170.4	6.01	13.87
40%	1.63	24.15	3,450	294.3	10.37	12.18
50%	2.86	42.30	4,181	443.4	15.63	10.48
60%	4.48	66.23	4,833	611.5	21.55	9.23
70%	6.55	96.95	5,444	797.5	28.11	8.23
80%	9.11	134.84	6,041	980.1	34.54	7.27
90%	12.18	180.32	6,557	1183.3	41.70	6.56
100%	14.11	208.77	6,818	1294.7	45.63	6.20

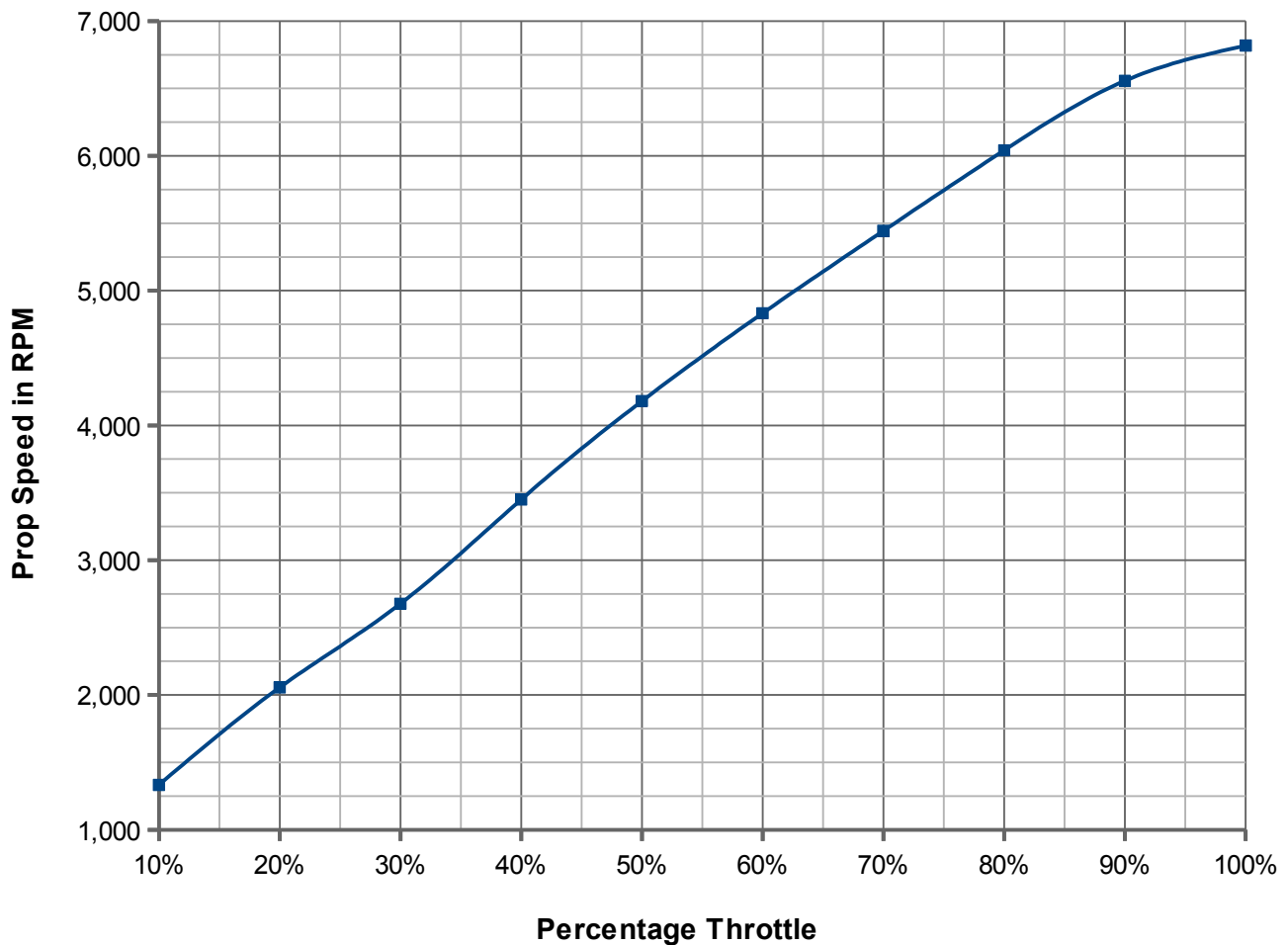
Motor Current vs Throttle Position



Cobra CM-2217-26 Motor Test Data, Kv=695

Data Collected at 14.8 volts with APC 12x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.17	2.56	1,333	40.8	1.44	15.94
20%	0.42	6.28	2,056	96.5	3.40	15.38
30%	0.83	12.28	2,677	170.4	6.01	13.87
40%	1.63	24.15	3,450	294.3	10.37	12.18
50%	2.86	42.30	4,181	443.4	15.63	10.48
60%	4.48	66.23	4,833	611.5	21.55	9.23
70%	6.55	96.95	5,444	797.5	28.11	8.23
80%	9.11	134.84	6,041	980.1	34.54	7.27
90%	12.18	180.32	6,557	1183.3	41.70	6.56
100%	14.11	208.77	6,818	1294.7	45.63	6.20

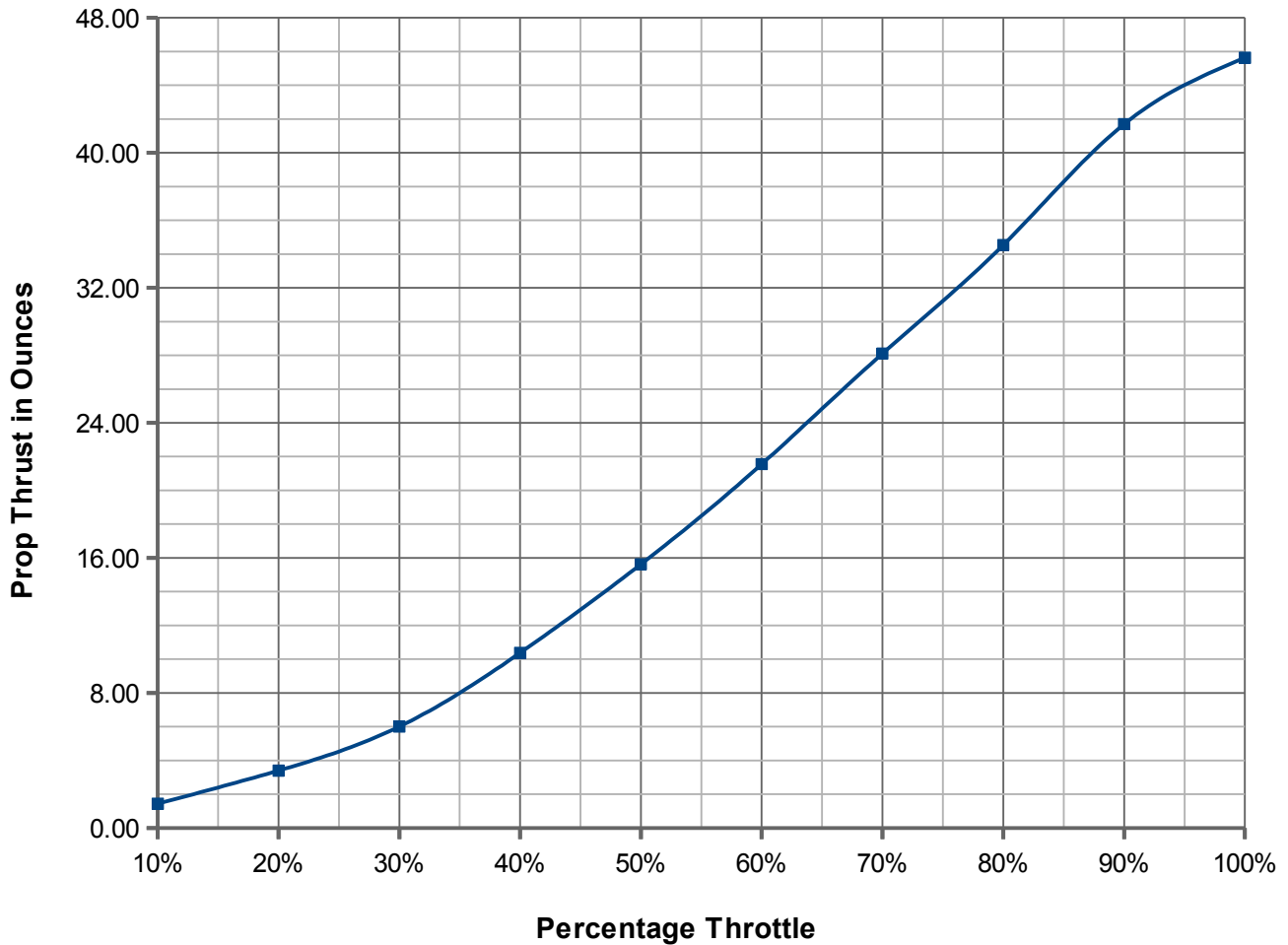
Propeller RPM vs Throttle Position



Cobra CM-2217-26 Motor Test Data, Kv=695

Data Collected at 14.8 volts with APC 12x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.17	2.56	1,333	40.8	1.44	15.94
20%	0.42	6.28	2,056	96.5	3.40	15.38
30%	0.83	12.28	2,677	170.4	6.01	13.87
40%	1.63	24.15	3,450	294.3	10.37	12.18
50%	2.86	42.30	4,181	443.4	15.63	10.48
60%	4.48	66.23	4,833	611.5	21.55	9.23
70%	6.55	96.95	5,444	797.5	28.11	8.23
80%	9.11	134.84	6,041	980.1	34.54	7.27
90%	12.18	180.32	6,557	1183.3	41.70	6.56
100%	14.11	208.77	6,818	1294.7	45.63	6.20

Propeller Thrust vs Throttle Position



Cobra CM-2217-26 Motor Test Data, Kv=695

Data Collected at 14.8 volts with APC 12x4.5-MR Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.17	2.56	1,333	40.8	1.44	15.94
20%	0.42	6.28	2,056	96.5	3.40	15.38
30%	0.83	12.28	2,677	170.4	6.01	13.87
40%	1.63	24.15	3,450	294.3	10.37	12.18
50%	2.86	42.30	4,181	443.4	15.63	10.48
60%	4.48	66.23	4,833	611.5	21.55	9.23
70%	6.55	96.95	5,444	797.5	28.11	8.23
80%	9.11	134.84	6,041	980.1	34.54	7.27
90%	12.18	180.32	6,557	1183.3	41.70	6.56
100%	14.11	208.77	6,818	1294.7	45.63	6.20

Propeller Efficiency vs Throttle Position

