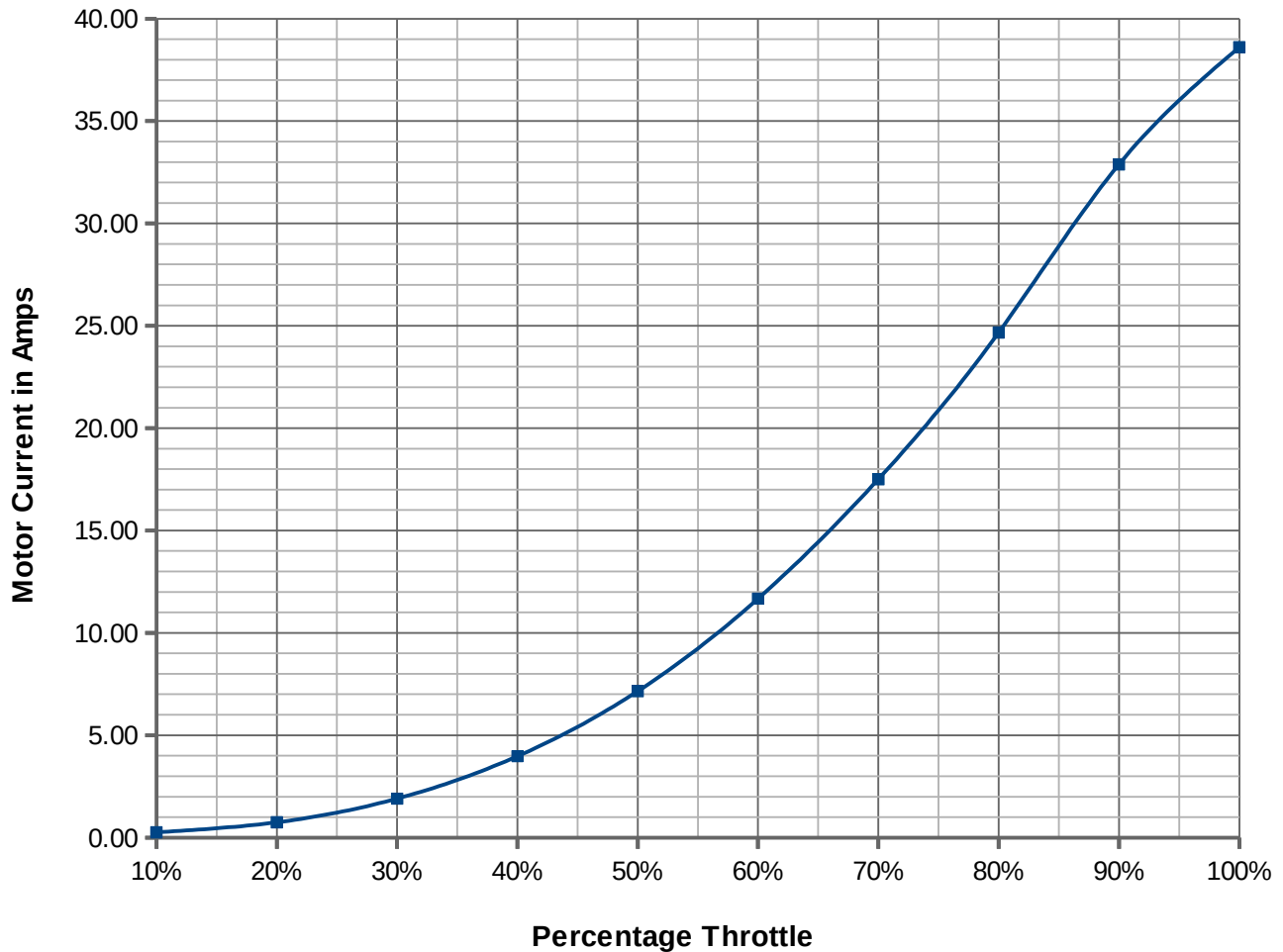


Cobra CM-4515-24 Motor Test Data, Kv=325

Data Collected at 22.2 volts with RC-Timer 18x5.5 CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.26	5.77	869	91.9	3.24	15.92
20%	0.75	16.65	1,420	259.0	9.13	15.56
30%	1.91	42.34	2,038	558.3	19.68	13.19
40%	3.98	88.31	2,623	949.0	33.44	10.75
50%	7.15	158.82	3,140	1436.9	50.64	9.05
60%	11.67	259.07	3,651	2000.6	70.51	7.72
70%	17.51	388.68	4,101	2596.2	91.50	6.68
80%	24.67	547.74	4,500	3199.7	112.76	5.84
90%	32.89	730.07	4,887	3764.0	132.65	5.16
100%	38.61	857.16	5,076	4130.6	145.57	4.82

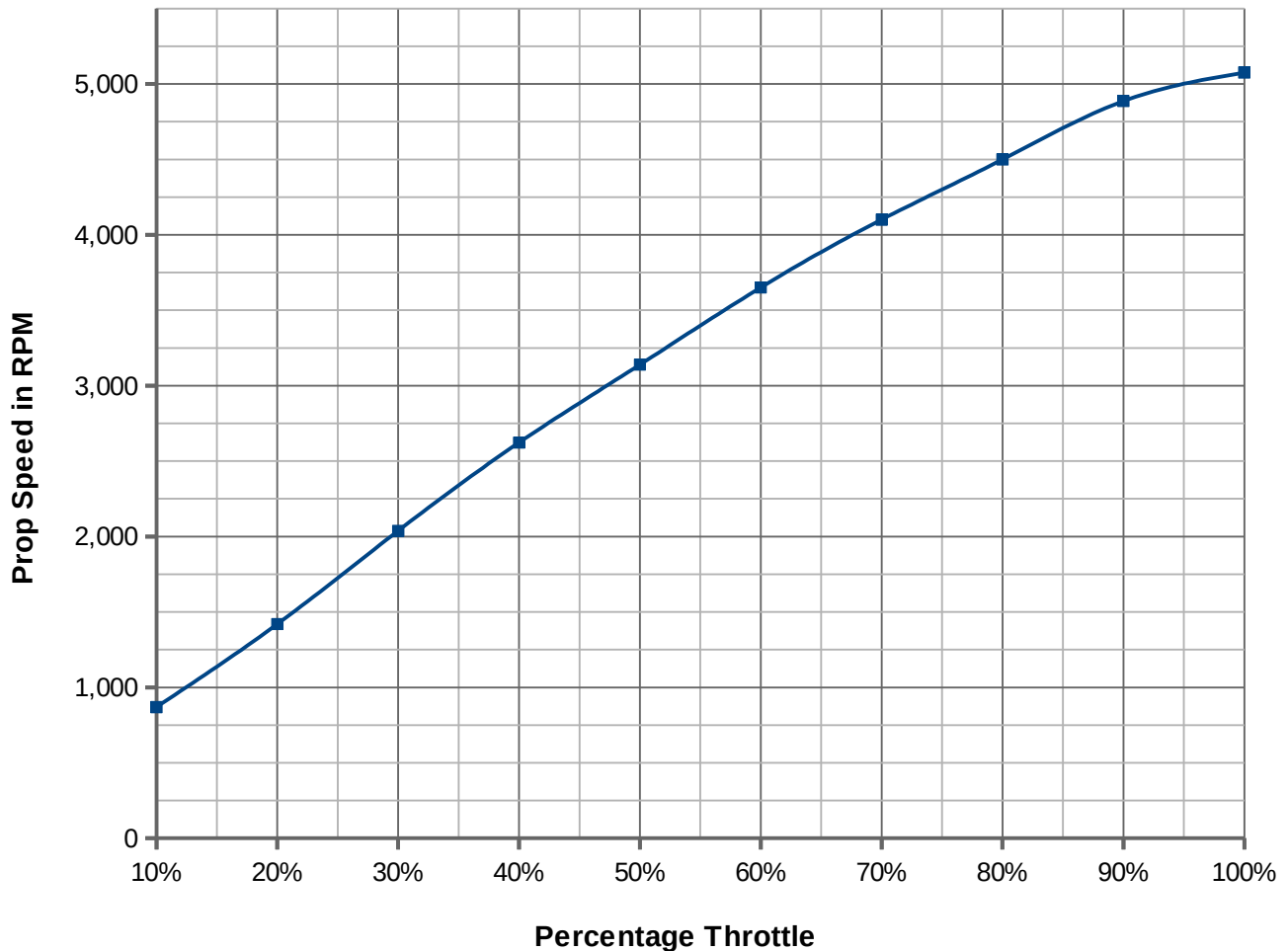
Motor Current vs Throttle Position



Cobra CM-4515-24 Motor Test Data, Kv=325

Data Collected at 22.2 volts with RC-Timer 18x5.5 CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.26	5.77	869	91.9	3.24	15.92
20%	0.75	16.65	1,420	259.0	9.13	15.56
30%	1.91	42.34	2,038	558.3	19.68	13.19
40%	3.98	88.31	2,623	949.0	33.44	10.75
50%	7.15	158.82	3,140	1436.9	50.64	9.05
60%	11.67	259.07	3,651	2000.6	70.51	7.72
70%	17.51	388.68	4,101	2596.2	91.50	6.68
80%	24.67	547.74	4,500	3199.7	112.76	5.84
90%	32.89	730.07	4,887	3764.0	132.65	5.16
100%	38.61	857.16	5,076	4130.6	145.57	4.82

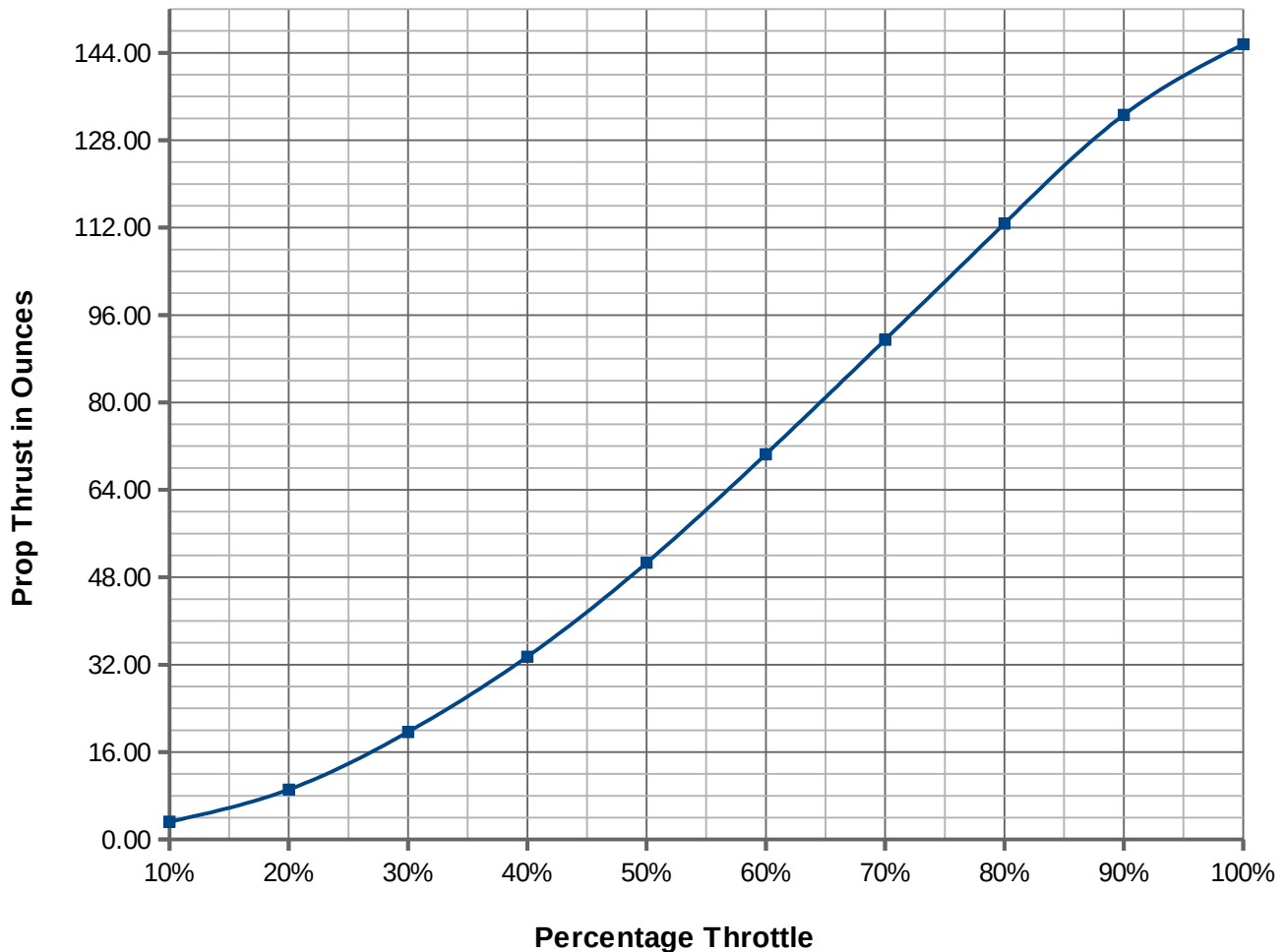
Propeller RPM vs Throttle Position



Cobra CM-4515-24 Motor Test Data, Kv=325

Data Collected at 22.2 volts with RC-Timer 18x5.5 CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.26	5.77	869	91.9	3.24	15.92
20%	0.75	16.65	1,420	259.0	9.13	15.56
30%	1.91	42.34	2,038	558.3	19.68	13.19
40%	3.98	88.31	2,623	949.0	33.44	10.75
50%	7.15	158.82	3,140	1436.9	50.64	9.05
60%	11.67	259.07	3,651	2000.6	70.51	7.72
70%	17.51	388.68	4,101	2596.2	91.50	6.68
80%	24.67	547.74	4,500	3199.7	112.76	5.84
90%	32.89	730.07	4,887	3764.0	132.65	5.16
100%	38.61	857.16	5,076	4130.6	145.57	4.82

Propeller Thrust vs Throttle Position



Cobra CM-4515-24 Motor Test Data, Kv=325

Data Collected at 22.2 volts with RC-Timer 18x5.5 CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.26	5.77	869	91.9	3.24	15.92
20%	0.75	16.65	1,420	259.0	9.13	15.56
30%	1.91	42.34	2,038	558.3	19.68	13.19
40%	3.98	88.31	2,623	949.0	33.44	10.75
50%	7.15	158.82	3,140	1436.9	50.64	9.05
60%	11.67	259.07	3,651	2000.6	70.51	7.72
70%	17.51	388.68	4,101	2596.2	91.50	6.68
80%	24.67	547.74	4,500	3199.7	112.76	5.84
90%	32.89	730.07	4,887	3764.0	132.65	5.16
100%	38.61	857.16	5,076	4130.6	145.57	4.82

Propeller Efficiency vs Throttle Position

