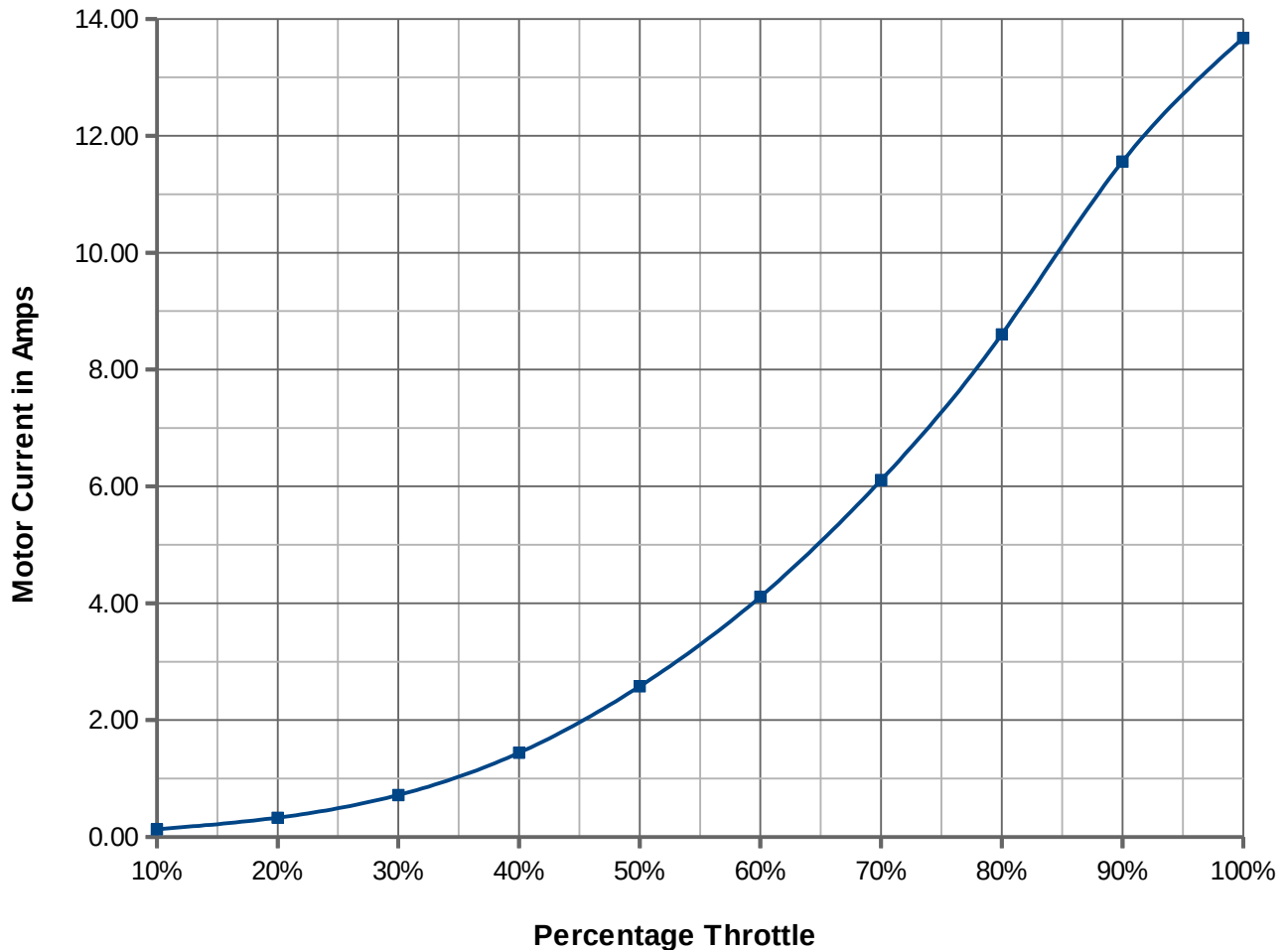


Cobra CM-2814/36 Motor Test Data, Kv=470

Data Collected at 14.8 volts with RC-Timer 14x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.13	1.92	859	32.0	1.13	16.63
20%	0.33	4.88	1,344	83.0	2.93	16.99
30%	0.72	10.61	1,833	162.2	5.72	15.29
40%	1.44	21.31	2,376	280.2	9.87	13.15
50%	2.58	38.15	2,881	431.9	15.22	11.32
60%	4.11	60.84	3,352	593.3	20.91	9.75
70%	6.11	90.38	3,803	765.2	26.97	8.47
80%	8.60	127.32	4,220	954.7	33.65	7.50
90%	11.56	171.10	4,595	1161.1	40.92	6.79
100%	13.68	202.39	4,802	1286.9	45.35	6.36

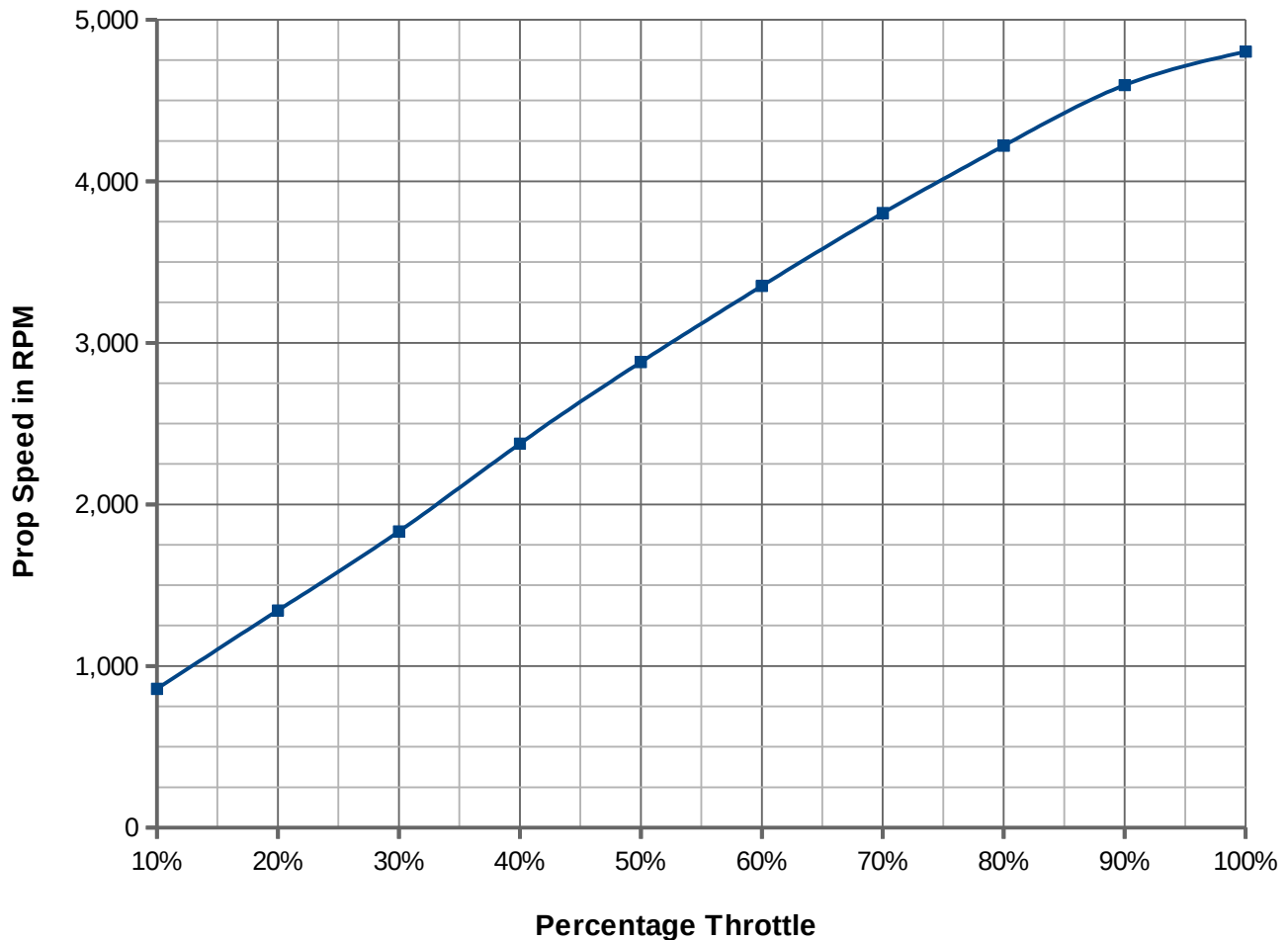
Motor Current vs Throttle Position



Cobra CM-2814/36 Motor Test Data, Kv=470

Data Collected at 14.8 volts with RC-Timer 14x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.13	1.92	859	32.0	1.13	16.63
20%	0.33	4.88	1,344	83.0	2.93	16.99
30%	0.72	10.61	1,833	162.2	5.72	15.29
40%	1.44	21.31	2,376	280.2	9.87	13.15
50%	2.58	38.15	2,881	431.9	15.22	11.32
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80%	8.60	127.32	4,220	954.7	33.65	7.50
90%	11.56	171.10	4,595	1161.1	40.92	6.79
100%	13.68	202.39	4,802	1286.9	45.35	6.36

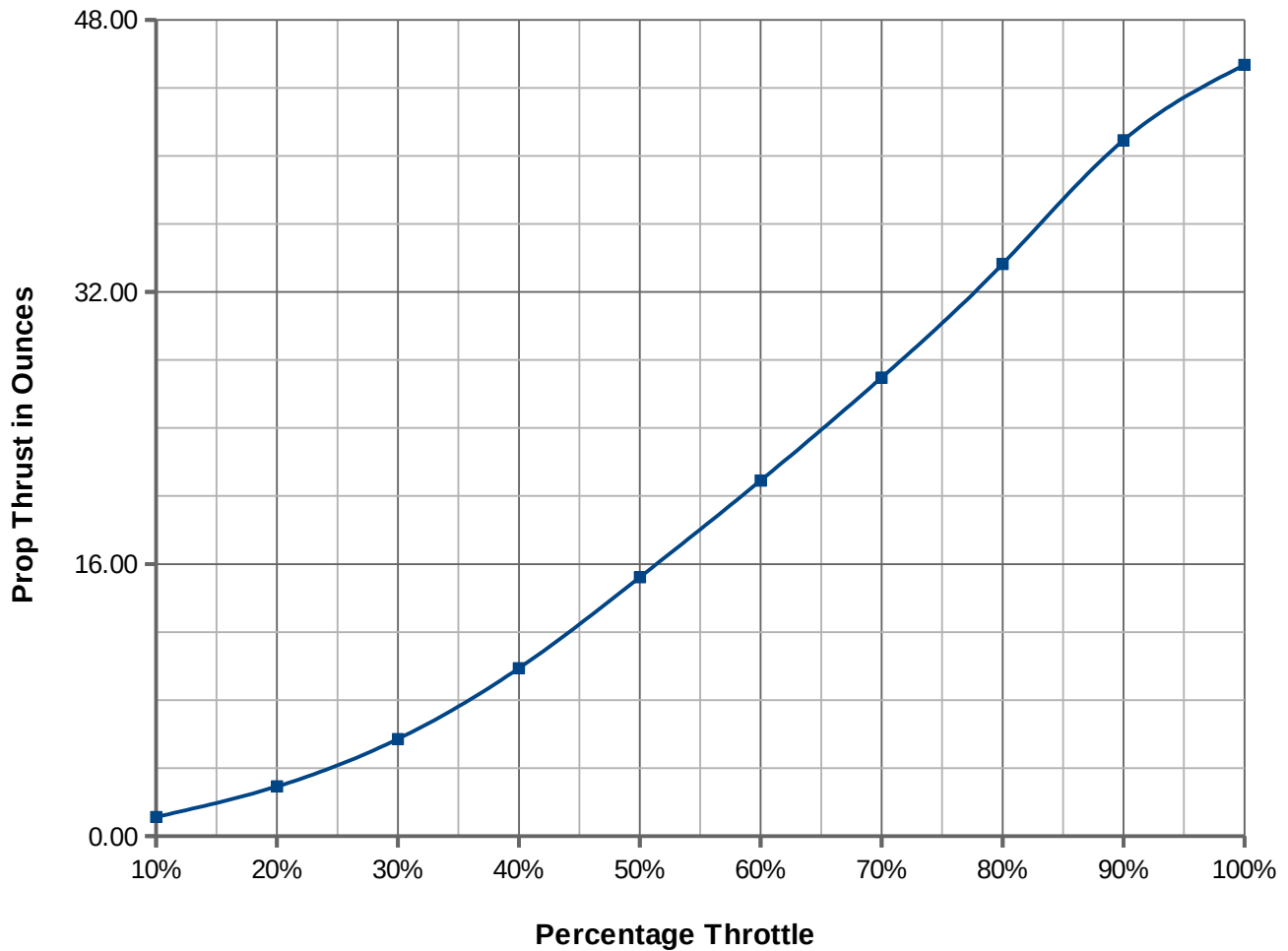
Propeller RPM vs Throttle Position



Cobra CM-2814/36 Motor Test Data, Kv=470

Data Collected at 14.8 volts with RC-Timer 14x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.13	1.92	859	32.0	1.13	16.63
20%	0.33	4.88	1,344	83.0	2.93	16.99
30%	0.72	10.61	1,833	162.2	5.72	15.29
40%	1.44	21.31	2,376	280.2	9.87	13.15
50%	2.58	38.15	2,881	431.9	15.22	11.32
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80%	8.60	127.32	4,220	954.7	33.65	7.50
90%	11.56	171.10	4,595	1161.1	40.92	6.79
100%	13.68	202.39	4,802	1286.9	45.35	6.36

Propeller Thrust vs Throttle Position



Cobra CM-2814/36 Motor Test Data, Kv=470

Data Collected at 14.8 volts with RC-Timer 14x5.5-CF Prop						
Throttle Setting	Motor Amps	Input Watts	Prop RPM	Thrust (Grams)	Thrust (Ounces)	Efficiency Grams/W
10%	0.13	1.92	859	32.0	1.13	16.63
20%	0.33	4.88	1,344	83.0	2.93	16.99
30%	0.72	10.61	1,833	162.2	5.72	15.29
40%	1.44	21.31	2,376	280.2	9.87	13.15
50%	2.58	38.15	2,881	431.9	15.22	11.32
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70%	6.11	90.38	3,803	765.2	26.97	8.47
80%	8.60	127.32	4,220	954.7	33.65	7.50
90%	11.56	171.10	4,595	1161.1	40.92	6.79
100%	13.68	202.39	4,802	1286.9	45.35	6.36

Propeller Efficiency vs Throttle Position

