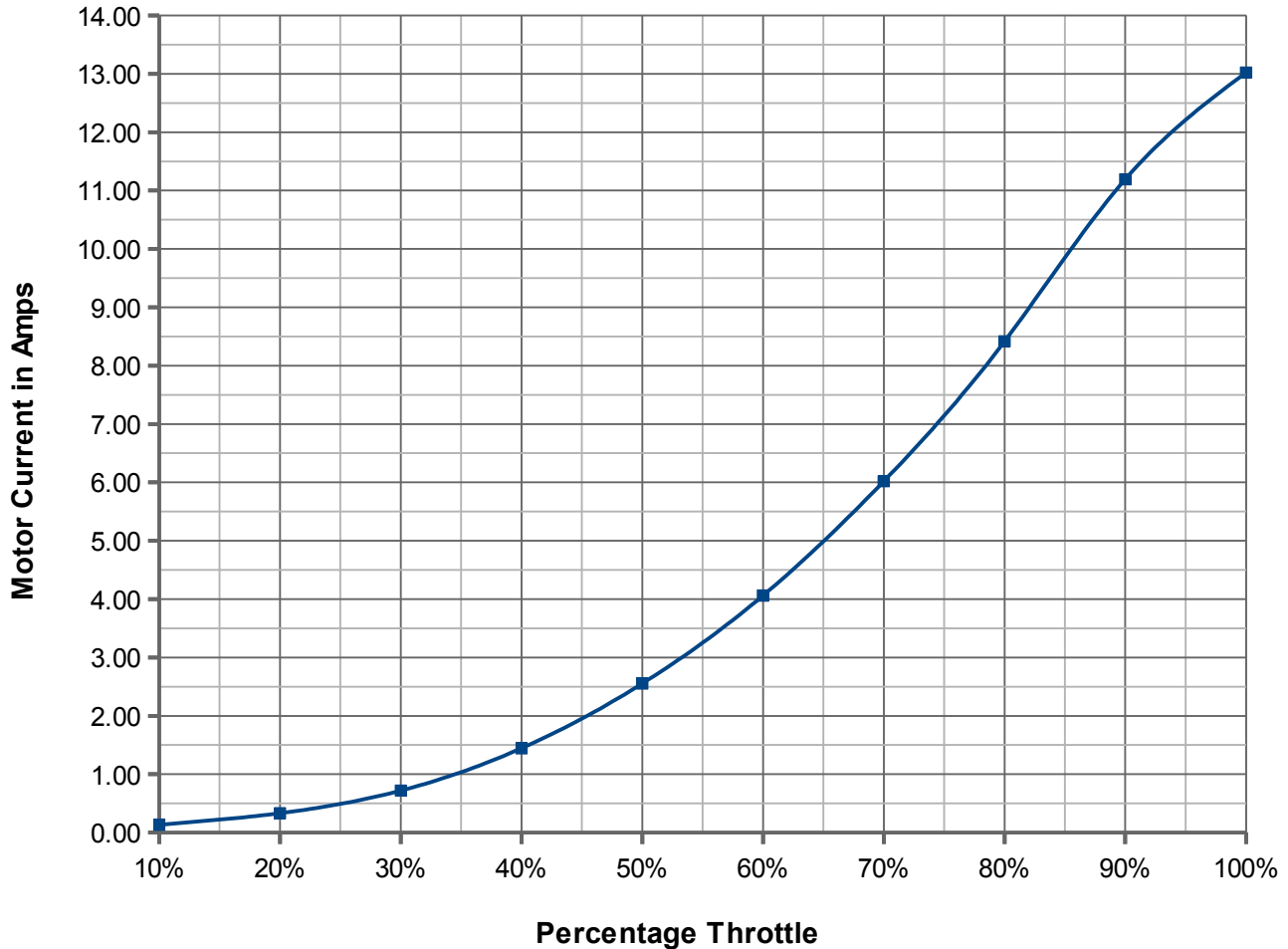


Cobra CM-2217-26 Motor Test Data, Kv=695

| Data Collected at 11.1 volts with RC-Timer 13x5.5-CF Prop | | | | | | |
|---|------------|-------------|----------|----------------|-----------------|--------------------|
| Throttle Setting | Motor Amps | Input Watts | Prop RPM | Thrust (Grams) | Thrust (Ounces) | Efficiency Grams/W |
| 10% | 0.14 | 1.51 | 875 | 27.3 | 0.96 | 18.08 |
| 20% | 0.33 | 3.70 | 1,404 | 64.8 | 2.28 | 17.53 |
| 30% | 0.72 | 7.99 | 1,916 | 123.4 | 4.35 | 15.44 |
| 40% | 1.45 | 16.05 | 2,479 | 216.5 | 7.63 | 13.49 |
| 50% | 2.55 | 28.35 | 3,004 | 327.0 | 11.52 | 11.53 |
| 60% | 4.06 | 45.08 | 3,496 | 452.5 | 15.95 | 10.04 |
| 70% | 6.02 | 66.81 | 3,932 | 586.3 | 20.66 | 8.78 |
| 80% | 8.42 | 93.44 | 4,338 | 726.6 | 25.61 | 7.78 |
| 90% | 11.19 | 124.25 | 4,690 | 874.9 | 30.83 | 7.04 |
| 100% | 13.02 | 144.54 | 4,888 | 955.9 | 33.69 | 6.61 |

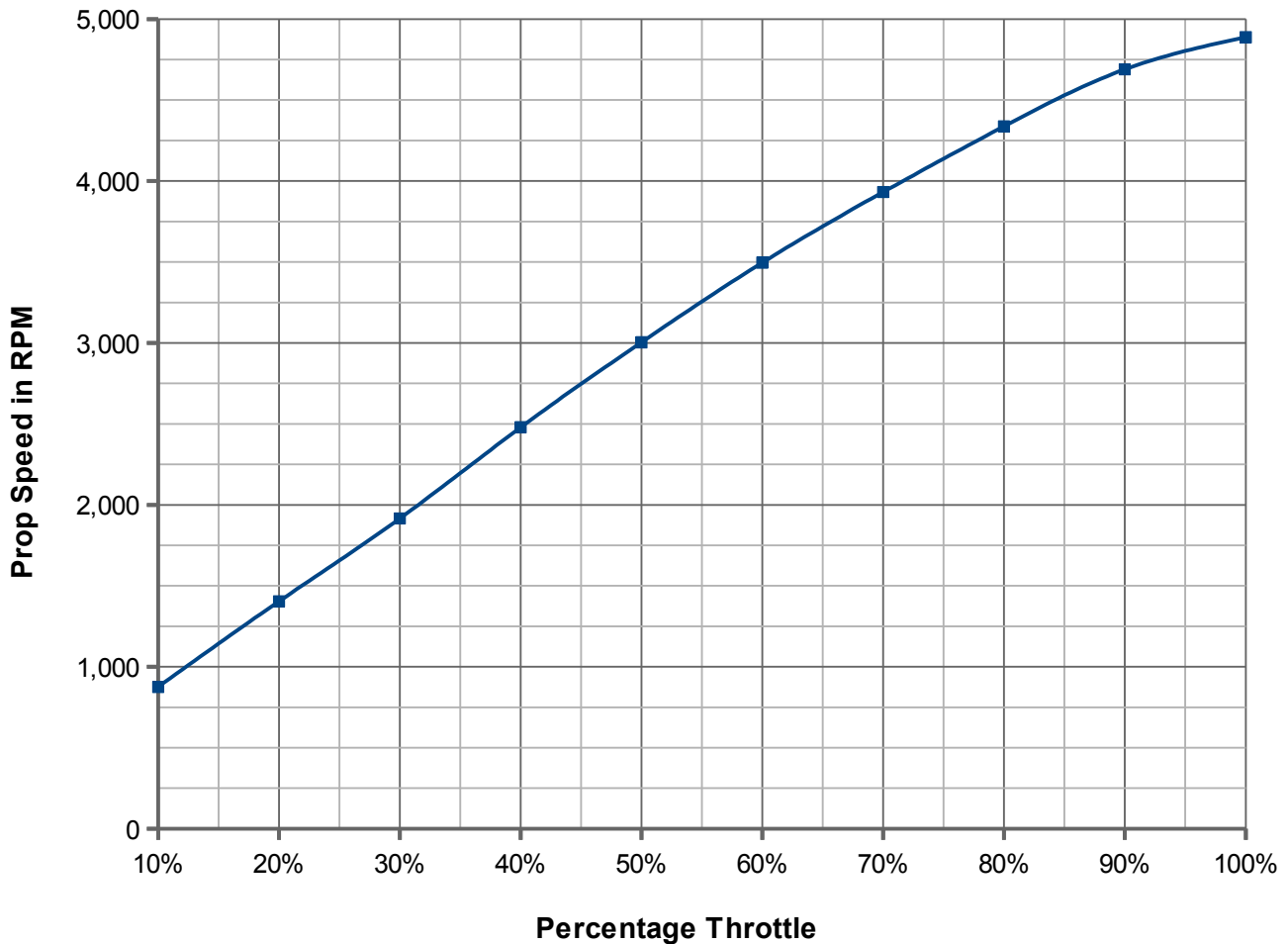
Motor Current vs Throttle Position



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

| Data Collected at 11.1 volts with RC-Timer 13x5.5-CF Prop | | | | | | |
|---|------------|-------------|----------|----------------|-----------------|--------------------|
| Throttle Setting | Motor Amps | Input Watts | Prop RPM | Thrust (Grams) | Thrust (Ounces) | Efficiency Grams/W |
| 10% | 0.14 | 1.51 | 875 | 27.3 | 0.96 | 18.08 |
| 20% | 0.33 | 3.70 | 1,404 | 64.8 | 2.28 | 17.53 |
| 30% | 0.72 | 7.99 | 1,916 | 123.4 | 4.35 | 15.44 |
| 40% | 1.45 | 16.05 | 2,479 | 216.5 | 7.63 | 13.49 |
| 50% | 2.55 | 28.35 | 3,004 | 327.0 | 11.52 | 11.53 |
| 60% | 4.06 | 45.08 | 3,496 | 452.5 | 15.95 | 10.04 |
| 70% | 6.02 | 66.81 | 3,932 | 586.3 | 20.66 | 8.78 |
| 80% | 8.42 | 93.44 | 4,338 | 726.6 | 25.61 | 7.78 |
| 90% | 11.19 | 124.25 | 4,690 | 874.9 | 30.83 | 7.04 |
| 100% | 13.02 | 144.54 | 4,888 | 955.9 | 33.69 | 6.61 |

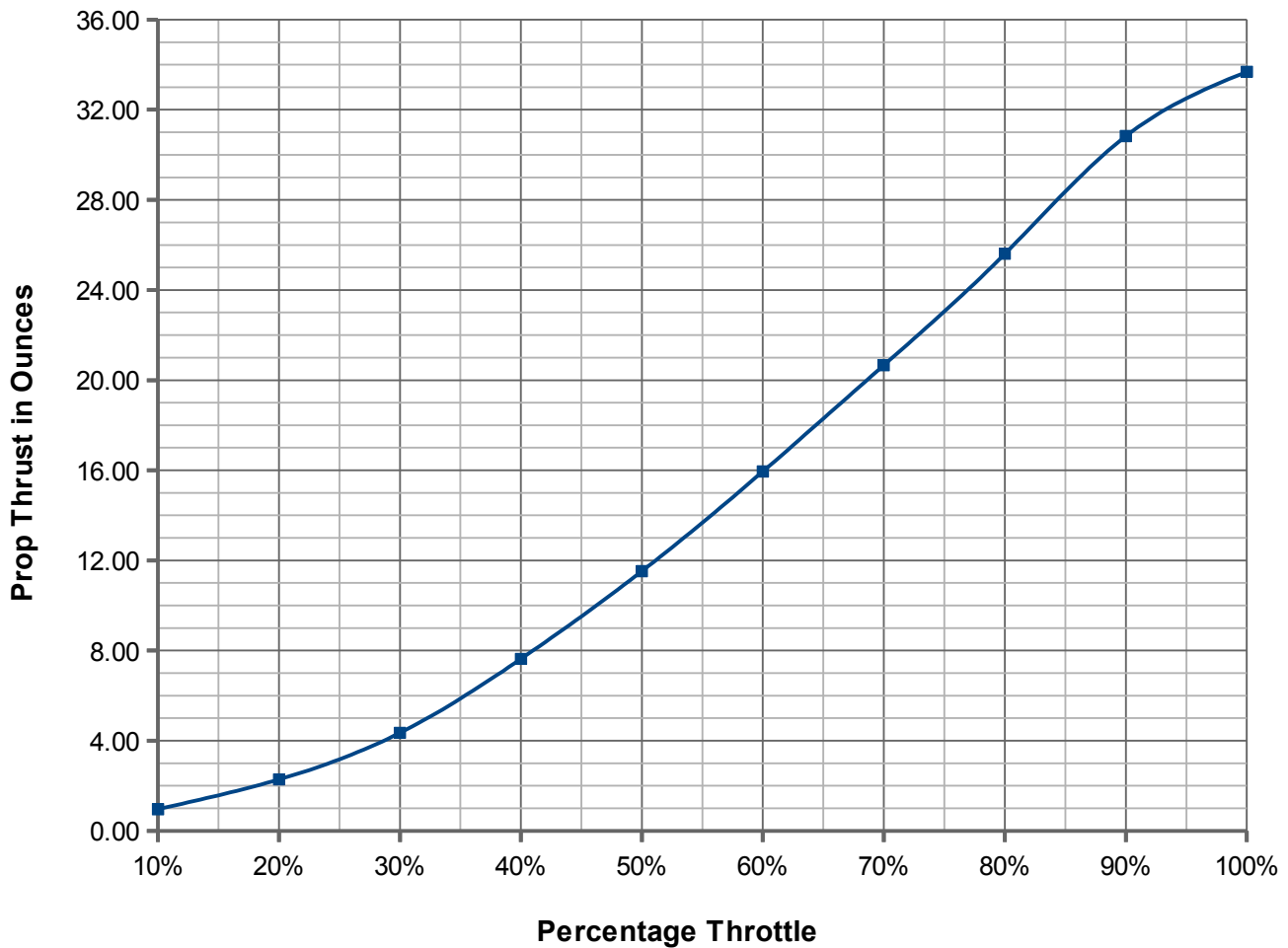
Propeller RPM vs Throttle Position



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

| Data Collected at 11.1 volts with RC-Timer 13x5.5-CF Prop | | | | | | |
|---|------------|-------------|----------|----------------|-----------------|--------------------|
| Throttle Setting | Motor Amps | Input Watts | Prop RPM | Thrust (Grams) | Thrust (Ounces) | Efficiency Grams/W |
| 10% | 0.14 | 1.51 | 875 | 27.3 | 0.96 | 18.08 |
| 20% | 0.33 | 3.70 | 1,404 | 64.8 | 2.28 | 17.53 |
| 30% | 0.72 | 7.99 | 1,916 | 123.4 | 4.35 | 15.44 |
| 40% | 1.45 | 16.05 | 2,479 | 216.5 | 7.63 | 13.49 |
| 50% | 2.55 | 28.35 | 3,004 | 327.0 | 11.52 | 11.53 |
| 60% | 4.06 | 45.08 | 3,496 | 452.5 | 15.95 | 10.04 |
| 70% | 6.02 | 66.81 | 3,932 | 586.3 | 20.66 | 8.78 |
| 80% | 8.42 | 93.44 | 4,338 | 726.6 | 25.61 | 7.78 |
| 90% | 11.19 | 124.25 | 4,690 | 874.9 | 30.83 | 7.04 |
| 100% | 13.02 | 144.54 | 4,888 | 955.9 | 33.69 | 6.61 |

Propeller Thrust vs Throttle Position



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

| Data Collected at 11.1 volts with RC-Timer 13x5.5-CF Prop | | | | | | |
|---|------------|-------------|----------|----------------|-----------------|--------------------|
| Throttle Setting | Motor Amps | Input Watts | Prop RPM | Thrust (Grams) | Thrust (Ounces) | Efficiency Grams/W |
| 10% | 0.14 | 1.51 | 875 | 27.3 | 0.96 | 18.08 |
| 20% | 0.33 | 3.70 | 1,404 | 64.8 | 2.28 | 17.53 |
| 30% | 0.72 | 7.99 | 1,916 | 123.4 | 4.35 | 15.44 |
| 40% | 1.45 | 16.05 | 2,479 | 216.5 | 7.63 | 13.49 |
| 50% | 2.55 | 28.35 | 3,004 | 327.0 | 11.52 | 11.53 |
| 60% | 4.06 | 45.08 | 3,496 | 452.5 | 15.95 | 10.04 |
| 70% | 6.02 | 66.81 | 3,932 | 586.3 | 20.66 | 8.78 |
| 80% | 8.42 | 93.44 | 4,338 | 726.6 | 25.61 | 7.78 |
| 90% | 11.19 | 124.25 | 4,690 | 874.9 | 30.83 | 7.04 |
| 100% | 13.02 | 144.54 | 4,888 | 955.9 | 33.69 | 6.61 |

Propeller Efficiency vs Throttle Position

