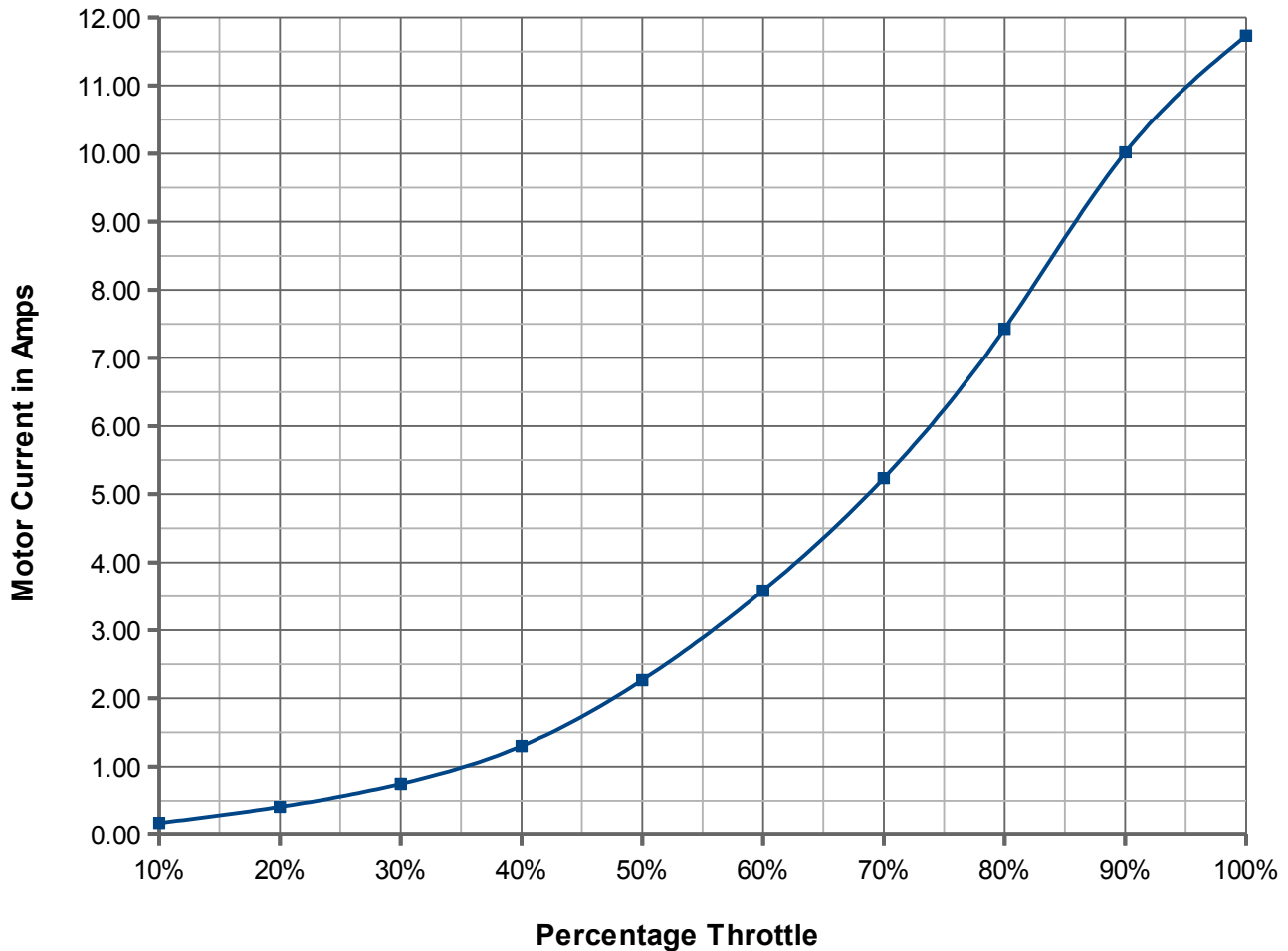


Cobra CM-2217-26 Motor Test Data, Kv=695

| Data Collected at 14.8 volts with RC-Timer 11x5.5-CF Prop | | | | | | |
|---|------------|-------------|----------|----------------|-----------------|--------------------|
| Throttle Setting | Motor Amps | Input Watts | Prop RPM | Thrust (Grams) | Thrust (Ounces) | Efficiency Grams/W |
| 10% | 0.17 | 2.56 | 1,456 | 33.9 | 1.19 | 13.24 |
| 20% | 0.41 | 6.08 | 2,250 | 80.0 | 2.82 | 13.15 |
| 30% | 0.75 | 11.07 | 2,870 | 139.4 | 4.91 | 12.59 |
| 40% | 1.30 | 19.25 | 3,575 | 215.2 | 7.58 | 11.18 |
| 50% | 2.27 | 33.58 | 4,359 | 331.5 | 11.68 | 9.87 |
| 60% | 3.58 | 53.03 | 5,067 | 465.6 | 16.41 | 8.78 |
| 70% | 5.23 | 77.46 | 5,749 | 602.3 | 21.23 | 7.78 |
| 80% | 7.43 | 109.95 | 6,416 | 762.9 | 26.89 | 6.94 |
| 90% | 10.02 | 148.28 | 7,013 | 934.1 | 32.92 | 6.30 |
| 100% | 11.74 | 173.68 | 7,331 | 1034.2 | 36.45 | 5.95 |

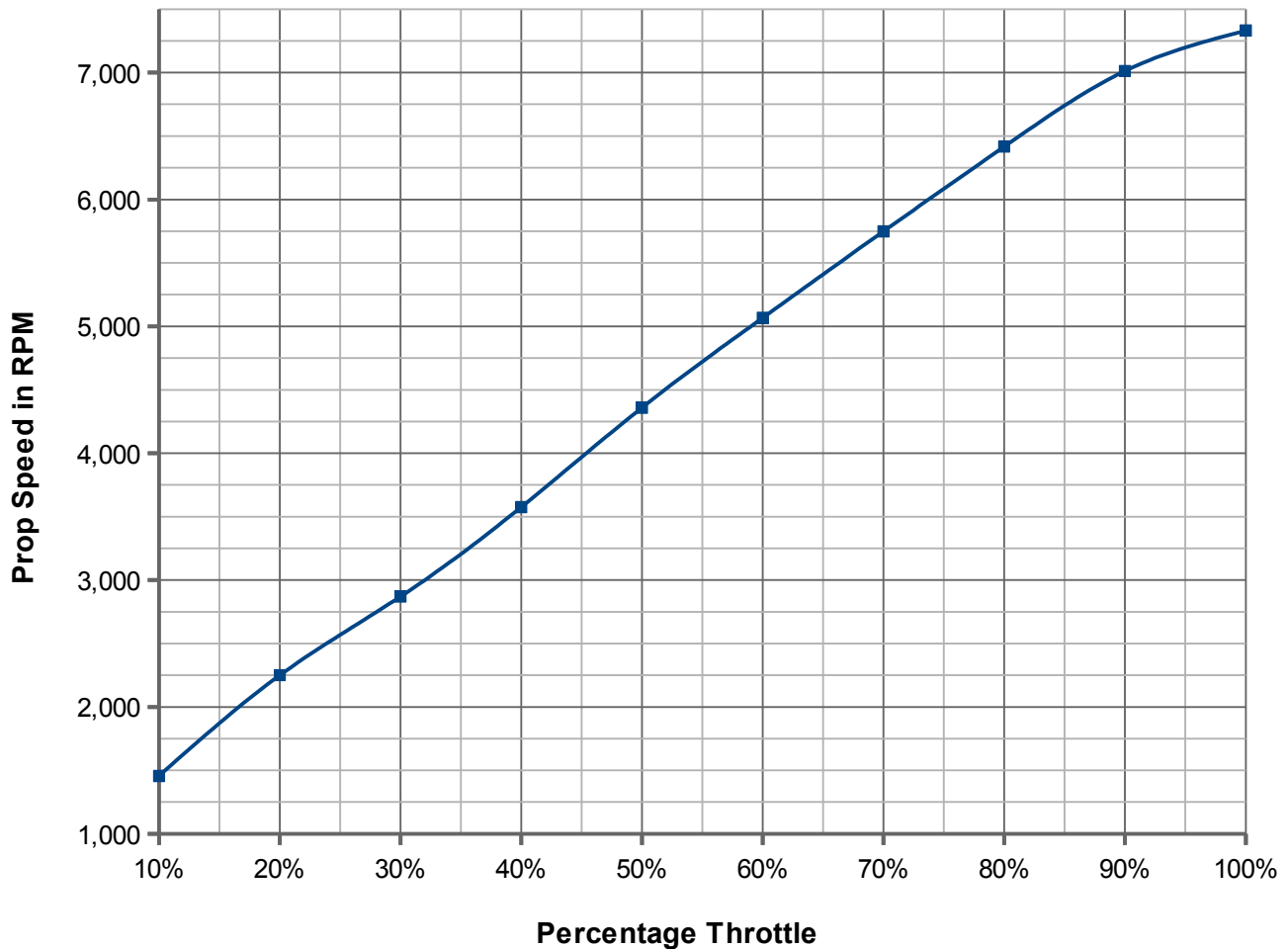
Motor Current vs Throttle Position



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

| Data Collected at 14.8 volts with RC-Timer 11x5.5-CF Prop | | | | | | |
|---|------------|-------------|----------|----------------|-----------------|--------------------|
| Throttle Setting | Motor Amps | Input Watts | Prop RPM | Thrust (Grams) | Thrust (Ounces) | Efficiency Grams/W |
| 10% | 0.17 | 2.56 | 1,456 | 33.9 | 1.19 | 13.24 |
| 20% | 0.41 | 6.08 | 2,250 | 80.0 | 2.82 | 13.15 |
| 30% | 0.75 | 11.07 | 2,870 | 139.4 | 4.91 | 12.59 |
| 40% | 1.30 | 19.25 | 3,575 | 215.2 | 7.58 | 11.18 |
| 50% | 2.27 | 33.58 | 4,359 | 331.5 | 11.68 | 9.87 |
| 60% | 3.58 | 53.03 | 5,067 | 465.6 | 16.41 | 8.78 |
| 70% | 5.23 | 77.46 | 5,749 | 602.3 | 21.23 | 7.78 |
| 80% | 7.43 | 109.95 | 6,416 | 762.9 | 26.89 | 6.94 |
| 90% | 10.02 | 148.28 | 7,013 | 934.1 | 32.92 | 6.30 |
| 100% | 11.74 | 173.68 | 7,331 | 1034.2 | 36.45 | 5.95 |

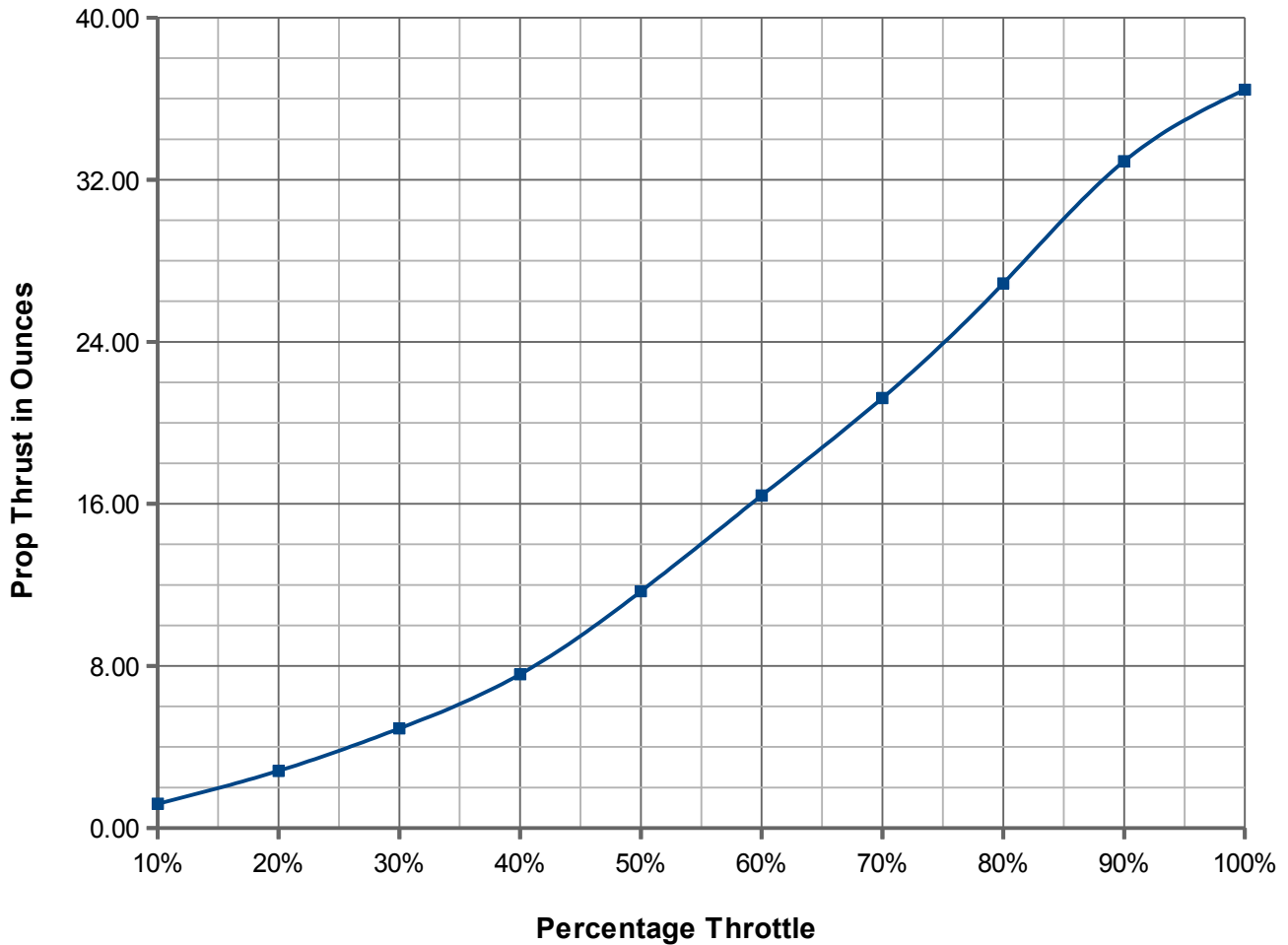
Propeller RPM vs Throttle Position



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

| Data Collected at 14.8 volts with RC-Timer 11x5.5-CF Prop | | | | | | |
|---|------------|-------------|----------|----------------|-----------------|--------------------|
| Throttle Setting | Motor Amps | Input Watts | Prop RPM | Thrust (Grams) | Thrust (Ounces) | Efficiency Grams/W |
| 10% | 0.17 | 2.56 | 1,456 | 33.9 | 1.19 | 13.24 |
| 20% | 0.41 | 6.08 | 2,250 | 80.0 | 2.82 | 13.15 |
| 30% | 0.75 | 11.07 | 2,870 | 139.4 | 4.91 | 12.59 |
| 40% | 1.30 | 19.25 | 3,575 | 215.2 | 7.58 | 11.18 |
| 50% | 2.27 | 33.58 | 4,359 | 331.5 | 11.68 | 9.87 |
| 60% | 3.58 | 53.03 | 5,067 | 465.6 | 16.41 | 8.78 |
| 70% | 5.23 | 77.46 | 5,749 | 602.3 | 21.23 | 7.78 |
| 80% | 7.43 | 109.95 | 6,416 | 762.9 | 26.89 | 6.94 |
| 90% | 10.02 | 148.28 | 7,013 | 934.1 | 32.92 | 6.30 |
| 100% | 11.74 | 173.68 | 7,331 | 1034.2 | 36.45 | 5.95 |

Propeller Thrust vs Throttle Position



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

| Data Collected at 14.8 volts with RC-Timer 11x5.5-CF Prop | | | | | | |
|---|------------|-------------|----------|----------------|-----------------|--------------------|
| Throttle Setting | Motor Amps | Input Watts | Prop RPM | Thrust (Grams) | Thrust (Ounces) | Efficiency Grams/W |
| 10% | 0.17 | 2.56 | 1,456 | 33.9 | 1.19 | 13.24 |
| 20% | 0.41 | 6.08 | 2,250 | 80.0 | 2.82 | 13.15 |
| 30% | 0.75 | 11.07 | 2,870 | 139.4 | 4.91 | 12.59 |
| 40% | 1.30 | 19.25 | 3,575 | 215.2 | 7.58 | 11.18 |
| 50% | 2.27 | 33.58 | 4,359 | 331.5 | 11.68 | 9.87 |
| 60% | 3.58 | 53.03 | 5,067 | 465.6 | 16.41 | 8.78 |
| 70% | 5.23 | 77.46 | 5,749 | 602.3 | 21.23 | 7.78 |
| 80% | 7.43 | 109.95 | 6,416 | 762.9 | 26.89 | 6.94 |
| 90% | 10.02 | 148.28 | 7,013 | 934.1 | 32.92 | 6.30 |
| 100% | 11.74 | 173.68 | 7,331 | 1034.2 | 36.45 | 5.95 |

Propeller Efficiency vs Throttle Position

