## Master Altimeter Correction Sheet

|  |  |
| --- | --- |
| Date | Checked By |
| P/N | S/N |

## Altimeter Pressure

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Altitude  Feet | Tol. | Altimeter Up | Altimeter Down | Altitude Feet | Tol. | Altimeter Up | | Altimeter Down |
| -1,000 | 20 |  |  | 14,000 | 100 |  | |  |
| 0 | 20 |  |  | 16,000 | 110 |  | |  |
| 500 | 20 |  |  | 18,000 | 120 |  | |  |
| 1,000 | 20 |  |  | 20,000 | 130 |  | |  |
| 1,500 | 25 |  |  | 22,000 | 140 |  | |  |
| 2,000 | 30 |  |  | 25,000 | 155 |  | |  |
| 3,000 | 30 |  |  | 30,000 | 180 |  | |  |
| 4,000 | 35 |  |  | 35,000 | 205 |  | |  |
| 6,000 | 40 |  |  | 40,000 | 230 |  | |  |
| 8,000 | 60 |  |  | 45,000 | 255 |  | |  |
| 10,000 | 80 |  |  | 50,000 | 280 |  | |  |
| 12,000 | 90 |  |  |  |  | |  | |

## Friction Test (No Vibration Applied)

|  |  |  |  |
| --- | --- | --- | --- |
| Altitude Feet | Altimeter Reads | Altitude Feet | Altimeter Reads |
| 1,000 |  | 20,000 |  |
| 2,000 |  | 25,000 |  |
| 3,000 |  | 30,000 |  |
| 5,000 |  | 35,000 |  |
| 10,000 |  | 40,000 |  |
| 15,000 |  | 50,000 |  |

## Tolerances

|  |  |  |  |
| --- | --- | --- | --- |
| Total Box Leak Test (2%) | Pressure  Inches of HG. | Altitude  Difference | Altimeter  Reads |
| After Effect Test ( + 30 Ft) | 28.10 | -1727 |  |
| Position Error N/A | 28.50 | -1340 |  |
| Hysteresis Test 40% | 29.00 | -863 |  |
| Hysteresis Test 50% | 29.50 | -392 |  |
| Notes: | 29.92 | 0 |  |
| Unit Calibrated To: | 30.50 | +530 |  |
| Calibrated per 14 CFR Part 43 App. E | 30.90 | +895 |  |
|  | 30.99 | +974 |  |

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