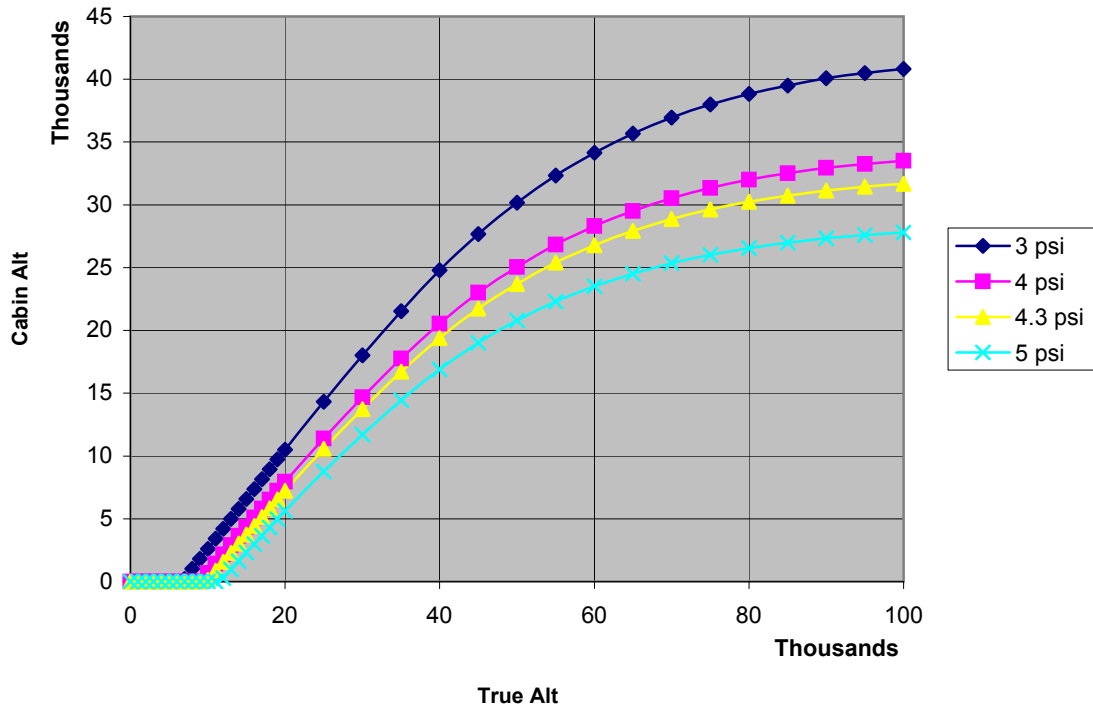


Cabin Altitude vs True Altitude at various d

| Altitude (ft) | Pressure (in Hg) | Pressure (psi) | Apparent Error due to lack of temp correction (ft) | 3 psi Differential Cabin | |
|------------------|---------------------|-------------------|---|-----------------------------|----------|
| | | | | Pressure | Altitude |
| 0 | 29.29 | 14.7 | 0.00 | 14.7 | 0.0 |
| 1,000 | 28.86 | 14.5 | 607.23 | 14.7 | 0.0 |
| 2,000 | 27.82 | 14.0 | 632.53 | 14.7 | 0.0 |
| 3,000 | 26.82 | 13.5 | 660.34 | 14.7 | 0.0 |
| 4,000 | 25.84 | 13.0 | 671.76 | 14.7 | 0.0 |
| 5,000 | 24.89 | 12.5 | 676.99 | 14.7 | 0.0 |
| 6,000 | 23.98 | 12.0 | 687.83 | 14.7 | 0.0 |
| 7,000 | 23.09 | 11.6 | 683.42 | 14.6 | 202.5 |
| 8,000 | 22.22 | 11.2 | 663.43 | 14.2 | 1009.5 |
| 9,000 | 21.38 | 10.7 | 640.00 | 13.7 | 1812.6 |
| 10,000 | 20.57 | 10.3 | 614.29 | 13.3 | 2610.8 |
| 11,000 | 19.79 | 9.9 | 587.67 | 12.9 | 3402.8 |
| 12,000 | 19.02 | 9.5 | 533.72 | 12.5 | 4208.5 |
| 13,000 | 18.29 | 9.2 | 494.35 | 12.2 | 4995.6 |
| 14,000 | 17.57 | 8.8 | 427.77 | 11.8 | 5795.5 |
| 15,000 | 16.88 | 8.5 | 363.79 | 11.5 | 6585.3 |
| 16,000 | 16.21 | 8.1 | 288.18 | 11.1 | 7375.4 |
| 17,000 | 15.56 | 7.8 | 201.33 | 10.8 | 8165.0 |
| 18,000 | 14.94 | 7.5 | 121.47 | 10.5 | 8940.7 |
| 19,000 | 14.33 | 7.2 | 14.37 | 10.2 | 9726.7 |
| 20,000 | 13.74 | 6.9 | -102.20 | 9.9 | 10509.7 |
| 25,000 | 11.1 | 5.6 | -768.65 | 8.6 | 14327.2 |
| 30,000 | 8.89 | 4.5 | -1,664.87 | 7.5 | 18007.6 |
| 35,000 | 7.04 | 3.5 | -2,861.21 | 6.5 | 21536.6 |
| 40,000 | 5.54 | 2.8 | -4,224.72 | 5.8 | 24788.0 |
| 45,000 | 4.35 | 2.2 | -5,646.79 | 5.2 | 27684.2 |
| 50,000 | 3.43 | 1.7 | -6,957.23 | 4.7 | 30162.1 |
| 55,000 | 2.69 | 1.4 | -8,411.18 | 4.4 | 32337.9 |
| 60,000 | 2.12 | 1.1 | -9,735.16 | 4.1 | 34144.4 |
| 65,000 | 1.67 | 0.8 | -11,071.55 | 3.8 | 35662.9 |
| 70,000 | 1.31 | 0.7 | -12,519.59 | 3.7 | 36943.4 |
| 75,000 | 1.03 | 0.5 | -13,905.80 | 3.5 | 37983.9 |
| 80,000 | 0.81 | 0.4 | -15,287.00 | 3.4 | 38831.0 |
| 85,000 | 0.64 | 0.3 | -16,543.01 | 3.3 | 39504.7 |
| 90,000 | 0.5 | 0.3 | -18,098.97 | 3.3 | 40072.5 |
| 95,000 | 0.4 | 0.2 | -19,025.08 | 3.2 | 40485.7 |
| 100,000 | 0.32 | 0.2 | -19,951.19 | 3.2 | 40821.0 |

Cabin vs True Alt

Cabin vs True Alt

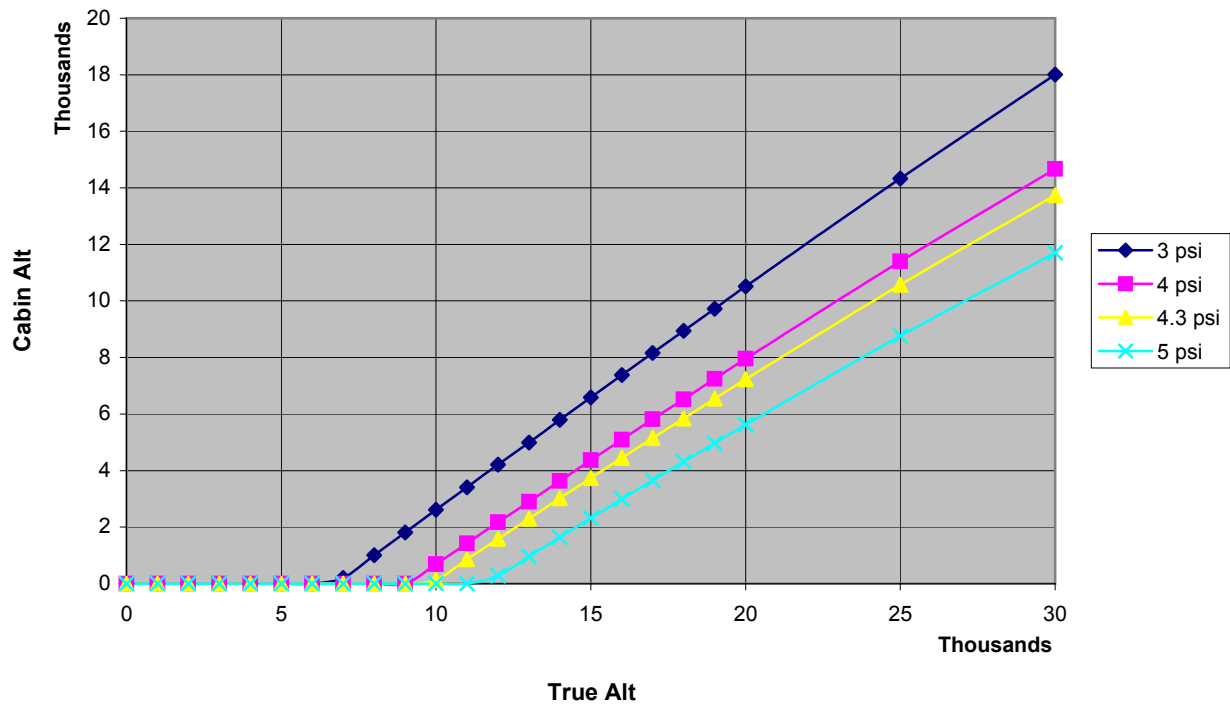


Differential pressures

| 4 psi Differential Cabin | | 4.3 psi Differential Cabin | | 5 psi Differential Cabin | |
|--------------------------|----------|----------------------------|----------|--------------------------|----------|
| Pressure | Altitude | Pressure | Altitude | Pressure | Altitude |
| 14.7 | 0.0 | 14.7 | 0.0 | 14.7 | 0.0 |
| 14.7 | 0.0 | 14.7 | 0.0 | 14.7 | 0.0 |
| 14.7 | 0.0 | 14.7 | 0.0 | 14.7 | 0.0 |
| 14.7 | 0.0 | 14.7 | 0.0 | 14.7 | 0.0 |
| 14.7 | 0.0 | 14.7 | 0.0 | 14.7 | 0.0 |
| 14.7 | 0.0 | 14.7 | 0.0 | 14.7 | 0.0 |
| 14.7 | 0.0 | 14.7 | 0.0 | 14.7 | 0.0 |
| 14.7 | 0.0 | 14.7 | 0.0 | 14.7 | 0.0 |
| 14.7 | 0.0 | 14.7 | 0.0 | 14.7 | 0.0 |
| 14.7 | 0.0 | 14.7 | 0.0 | 14.7 | 0.0 |
| 14.3 | 688.8 | 14.6 | 138.3 | 14.7 | 0.0 |
| 13.9 | 1424.7 | 14.2 | 859.0 | 14.7 | 0.0 |
| 13.5 | 2171.8 | 13.8 | 1590.0 | 14.5 | 280.2 |
| 13.2 | 2900.0 | 13.5 | 2302.2 | 14.2 | 957.7 |
| 12.8 | 3638.3 | 13.1 | 3023.9 | 13.8 | 1643.3 |
| 12.5 | 4365.7 | 12.8 | 3734.4 | 13.5 | 2317.3 |
| 12.1 | 5091.5 | 12.4 | 4443.0 | 13.1 | 2988.6 |
| 11.8 | 5815.2 | 12.1 | 5149.0 | 12.8 | 3656.5 |
| 11.5 | 6524.3 | 11.8 | 5840.3 | 12.5 | 4309.6 |
| 11.2 | 7241.0 | 11.5 | 6538.5 | 12.2 | 4968.2 |
| 10.9 | 7953.1 | 11.2 | 7231.8 | 11.9 | 5621.2 |
| 9.6 | 11396.5 | 9.9 | 10576.8 | 10.6 | 8757.2 |
| 8.5 | 14667.6 | 8.8 | 13742.3 | 9.5 | 11701.1 |
| 7.5 | 17754.3 | 7.8 | 16717.2 | 8.5 | 14444.0 |
| 6.8 | 20550.4 | 7.1 | 19400.6 | 7.8 | 16896.8 |
| 6.2 | 22999.1 | 6.5 | 21740.9 | 7.2 | 19017.9 |
| 5.7 | 25060.3 | 6.0 | 23703.0 | 6.7 | 20782.3 |
| 5.4 | 26842.6 | 5.7 | 25393.7 | 6.4 | 22291.9 |
| 5.1 | 28302.1 | 5.4 | 26773.6 | 6.1 | 23516.1 |
| 4.8 | 29513.7 | 5.1 | 27916.0 | 5.8 | 24524.0 |
| 4.7 | 30524.4 | 5.0 | 28866.6 | 5.7 | 25358.9 |
| 4.5 | 31338.1 | 4.8 | 29630.3 | 5.5 | 26026.9 |
| 4.4 | 31995.3 | 4.7 | 30246.2 | 5.4 | 26563.8 |
| 4.3 | 32514.6 | 4.6 | 30732.0 | 5.3 | 26986.2 |
| 4.3 | 32949.9 | 4.6 | 31138.9 | 5.3 | 27339.2 |
| 4.2 | 33265.3 | 4.5 | 31433.4 | 5.2 | 27594.3 |
| 4.2 | 33520.4 | 4.5 | 31671.4 | 5.2 | 27800.1 |

Cabin vs True Alt

Cabin vs True Alt





psi
psi
3 psi
psi