ANALOG CHANNEL INFORMATION
Where: Channel = a + bV^1 + cV^2 + dV^3

| | CHANNEL NAME | VARIABLE | a | b | c | d |
|---|---|---|---|---|---|---|
| 0.) | J-W Liquid Water Content | lwcjw | 0.0000 | 1.2000 | 0.0000 | 0.0000 |
| 1.) | Rosemount Total Temp #1 FWD SN 31416/amp #11 cal d | tt1 | -0.5240 | 12.1114 | 0.0000 | 0.0000 |
| 2.) | Rosemount Total Temp #2 AFT SN A7665/amp #151 cal | tt2 | -0.5509 | 7.0756 | 0.0000 | 0.0000 |
| 3.) | General Eastern Dewpoint sn 52723/92616 cal date 0 | tdm1 | -17.0755 | 11.2829 | 0.0000 | 0.0000 |
| 4.) | Attack Pressure Fuselage SN 877 CAL DATE 051597 | pdaf | 0.0263 | 6.8858 | 0.0000 | 0.0000 |
| 5.) | Dynamic Attack Pressure Fuselage SN 842 CAL DATE | pqaf | 0.1388 | 17.2470 | 0.0000 | 0.0000 |
| 6.) | Sideslip Pressure Fuselage SN 878 CAL DATE 051597 | pdsf | -0.0204 | 6.8900 | 0.0000 | 0.0000 |
| 7.) | Dynamic Sideslip Pressure Fus SN 861 CAL DATE 0515 | pqsf | 0.2147 | 17.1624 | 0.0000 | 0.0000 |
| 8.) | Static Pressure Wingtip SN 160 CAL DATE 051597 | psw | 251.7094 | 79.9548 | 0.0000 | 0.0000 |
| 9.) | Dynamic Pressure Wingtip SN 160 CAL DATE 051597 | pqw | -0.1993 | 16.5089 | 0.0000 | 0.0000 |
| 10.) | Surface PRT-5 Radiometer L.Fus SN 588 CAL DATE | trdprt5 | 3.5114 | 9.9192 | -0.5274 | 0.0340 |
| 11.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 12.) | Radiometric Air Temp (Side) SN 650 CAL DATE 051597 | tsrdco2 | 9.8369 | 7.2828 | -0.1726 | 0.0139 |
| 13.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 14.) | Vertical Acceleration - INE 2 | azi2 | 0.0000 | 4.9031 | 0.0000 | 0.0000 |
| 15.) | Vertical Acceleration - INE 1 | azi1 | 0.0000 | 4.9031 | 0.0000 | 0.0000 |
| 16.) | Attack Pressure Radome SN 285 CAL DATE 051597 | pdar | -0.5370 | 6.8984 | 0.0000 | 0.0000 |
| 17.) | Sideslip Pressure Radome SN 879 CAL DATE 051597 | pdsr | -0.0571 | 6.8932 | 0.0000 | 0.0000 |
| 18.) | Dynamic Pressure Radome SN 860 CAL DATE 051597 | pqr | -0.6724 | 17.2703 | 0.0000 | 0.0000 |
| 19.) | Total Pressure Radome SN 260 CAL DATE 072803 | ptr | -1.6316 | 206.8766 | 0.0000 | 0.0000 |
| 20.) | Rosemount Total Temp #3 radome SN 3081/amp #139 ca | tt3 | 0.1149 | 7.0457 | 0.0000 | 0.0000 |
| 21.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 22.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 23.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 24.) | AOC SN 1 w/842 CAL DATE 031596 | tdm2 | 0.3919 | 10.0454 | 0.0000 | 0.0000 |
| 25.) | dewpoint #2 balance | tdm2bal | -5.0000 | 1.0000 | 0.0000 | 0.0000 |
| 26.) | Lyman Alpha | lyalpha | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 27.) | EG&G dewpointer SN 484/904 CAL DATE 051597 | tdm3 | -50.1267 | 19.9793 | 0.0000 | 0.0000 |
| 28.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 29.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 30.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 31.) | King Liquid water | klwc | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 32.) | Static Pressure Fuselage SN 161 CAL DATE 051597 | psf | 249.7002 | 79.9819 | 0.0000 | 0.0000 |
| 33.) | Dynamic Pressure #1 Fuselage SN 161 CAL DATE 05159 | pqf1 | 0.0293 | 16.5216 | 0.0000 | 0.0000 |
| 34.) | Dynamic Pressure #2 Fuselage SN 87 CAL DATE 051597 | pqf2 | -1.7170 | 34.5741 | 0.0000 | 0.0000 |
| 35.) | total temp #1 heater current | tth1 | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 36.) | total temp #2 heater current | tth2 | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 37.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 38.) | Ozone #1 | ozone1 | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 39.) | Ozone #2 | ozone2 | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 40.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 41.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 42.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 43.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 44.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 45.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 46.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 47.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 48.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 49.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 50.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 51.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 52.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 53.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 54.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 55.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 56.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 57.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 58.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 59.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 60.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 61.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 62.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 63.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 64.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 65.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 66.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 67.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 68.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 69.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 70.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 71.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 72.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 73.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 74.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 75.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 76.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 77.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 78.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 79.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |

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ANALOG CHANNEL INFORMATION

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