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

| | CHANNEL NAME | VARIABLE | a | b | c | d |
|---|---|---|---|---|---|---|
| 0.) | Liquid Water Content J-W Fuselage | lwcjw | 0.0000 | 1.2000 | 0.0000 | 0.0000 |
| 1.) | Rosemount Total Temp#1 FWD sn58173 w/ amp #1 cal d | tt1 | -0.2411 | 12.0409 | 0.0000 | 0.0000 |
| 2.) | Rosemount Total Temp#2 AFT sn A7868 w/ amp #137 c | tt2 | -0.4612 | 7.1180 | 0.0000 | 0.0000 |
| 3.) | General Eastern TD#1 sn 52724 w/ 92616 cal date 5/ | tdm1 | -16.8814 | 11.1892 | 0.0000 | 0.0000 |
| 4.) | Differential Attack Pressure Fuselage Rosemount sn | pdaf | -0.0661 | 6.8801 | 0.0000 | 0.0000 |
| 5.) | Dynamic Attack Pressure Fuselage Rosemount sn 832 | pqaf | -0.0424 | 17.2068 | 0.0000 | 0.0000 |
| 6.) | Differential Sideslip Pressure Fuselage Rosemount | pdsf | -0.2846 | 6.8804 | 0.0000 | 0.0000 |
| 7.) | Dynamic Sideslip Pressure Fuselage Rosemount sn 83 | pqsf | -2.4620 | 17.2462 | 0.0000 | 0.0000 |
| 8.) | Static Pressure Wingtip Rosemount sn 162 cal date | psw | 250.6790 | 79.9099 | 0.0000 | 0.0000 |
| 9.) | Dynamic Pressure Wingtip Rosemount sn 162 cal date | pqw | 1.8550 | 16.5529 | 0.0000 | 0.0000 |
| 10.) | Surface SST Barnes sn 648 cal date 5/15/01 | prt5_down | 2.6832 | 10.3961 | -0.5999 | 0.0421 |
| 11.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 12.) | Side CO2 radiometer Barnes sn 650 cal date 5/15/01 | prt5_side | -4.3943 | 12.4203 | -0.6693 | 0.1529 |
| 13.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 14.) | Vertical Acceleration - INE 2 | acci2 | 0.0000 | 4.9031 | 0.0000 | 0.0000 |
| 15.) | Vertical Acceleration - INE 1 | acci1 | 0.0000 | 4.9031 | 0.0000 | 0.0000 |
| 16.) | Differential Attack Pressure Radome Rosemount sn 2 | pdar | -0.0701 | 6.8860 | 0.0000 | 0.0000 |
| 17.) | Differential Sideslip Pressure Radome Rosemount sn | pdsr | 0.1150 | 7.4718 | 0.0000 | 0.0000 |
| 18.) | Dynamic Pressure Radome Rosemount sn 658 cal date | pqr | -0.4218 | 34.4816 | 0.0000 | 0.0000 |
| 19.) | Total Pressure Radome Rosemount sn 227 cal date 6/ | ptr | 4.7010 | 206.7325 | 0.0000 | 0.0000 |
| 20.) | Rosemount Total Temp#3 Radome sn 3081 w/ amp 124 c | tt3 | -0.6754 | 5.1879 | 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.) | EdgeTech Dewpoint #2 Fuselage sn 392 w/ 1705 cal d | tdm2 | -100.4829 | 30.0752 | 0.0000 | 0.0000 |
| 25.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 26.) | Lyman Alpha | lyalpha | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 27.) | Buck sn 312 w/ 52721 cal date 5/15/01 | tdm3 | -75.0000 | 12.5000 | 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 Rosemount sn 165 cal date | psf | 250.3293 | 79.9136 | 0.0000 | 0.0000 |
| 33.) | Dynamic Pressure #1 Fuselage Rosemount sn 165 cal | pqf1 | 0.8402 | 16.5339 | 0.0000 | 0.0000 |
| 34.) | Dynamic Pressure #2 Fuselage Rosemount sn 860 cal | pqf2 | -1.3500 | 17.3015 | 0.0000 | 0.0000 |
| 35.) | Aft field mill Sensitive | afms | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 36.) | Aft field mill Insensitive | afmi | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 37.) | Aft field mill Super Insensitive | afmsi | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 38.) | Field mill HVPS Current | fmcur | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 39.) | Field mill Voltage | fmvts | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 40.) | Right field mill Sensitive | rfms | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 41.) | Right field mill Insensitive | rfmi | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 42.) | Right field mill Super Insensitive | rfmsi | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 43.) | Up field mill Sensitive | ufms | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 44.) | Up field mill Insensitive | ufmi | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 45.) | Up field mill Super Insensitive | ufmsi | 0.0000 | 1.0000 | 0.0000 | 0.0000 |

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|---|---|---|---|---|---|
| 46.) x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 47.) Cabin Pressure Vaisala sn W3120003 cal date 1/20/0 | pcab | 500.0000 | 120.0000 | 0.0000 | 0.0000 |
| 48.) AXBT channel 1 | axbt1 | 0.0000 | 10.0000 | 0.0000 | 0.0000 |
| 49.) AXBT channel 2 | axbt2 | 0.0000 | 10.0000 | 0.0000 | 0.0000 |
| 50.) AXBT channel 3 | axbt3 | 0.0000 | 10.0000 | 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.) Up PRT-5 radiometer | urad | 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.) Dwon field mill Sensitive | dfms | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 74.) Down field mill Insensitive | dfmi | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 75.) Down field mill Super Insensitive | dfmsi | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 76.) Left field mill Sensitive | lfms | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 77.) Left field mill Insensitive | lfmi | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 78.) Left field mill Super Insensitive | lfmsi | 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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