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 - Fuselage | lwcjw | 0.0000 | 1.2000 | 0.0000 | 0.0000 |
| 1.) | Total Temp#1 Rosemount FWD sn 58171 w/ amp #16 cal | tt1 | -0.1002 | 12.0289 | 0.0000 | 0.0000 |
| 2.) | Total Temp#2 Rosemount AFT sn A7775 w/ amp #152 c | tt2 | 0.0565 | 6.9934 | 0.0000 | 0.0000 |
| 3.) | TD#1 General Eastern sn 52724 w/ 52722 cal date 06 | tdm1 | -16.8561 | 11.1886 | 0.0000 | 0.0000 |
| 4.) | AP Differential Attack Pressure Fuselage Rosemount | pdaf | 0.0641 | 6.8881 | 0.0000 | 0.0000 |
| 5.) | DAP Dynamic Attack Pressure Fuselage Rosemount sn | pqaf | -0.1021 | 17.2537 | 0.0000 | 0.0000 |
| 6.) | BP Differential Sideslip Pressure Fuselage Rosemou | pdsf | -0.0437 | 6.8910 | 0.0000 | 0.0000 |
| 7.) | DBP Dynamic Sideslip Pressure Fuselage Rosemount s | pqsf | 0.1028 | 17.1471 | 0.0000 | 0.0000 |
| 8.) | PS1 Static Pressure Wingtip Rosemount sn 163 cal d | psw | 249.4970 | 79.9704 | 0.0000 | 0.0000 |
| 9.) | PQ1 Dynamic Pressure Wingtip Rosemount sn 163 cal | pqw | -10.2298 | 16.7537 | 0.0000 | 0.0000 |
| 10.) | Surface SST Barnes sn 648 cal date 060828 | prt5_down | 5.4626 | 8.1467 | -0.3626 | 0.0906 |
| 11.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 12.) | Side CO2 radiometer Barnes sn 642 cal date 052705 | prt5_side | -0.0084 | 11.1037 | -0.4182 | 0.0224 |
| 13.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 14.) | Vertical Acceleration #2 - INE 2 | acci2 | 0.0000 | 4.9031 | 0.0000 | 0.0000 |
| 15.) | Vertical Acceleration #1 - INE 1 | acci1 | 0.0000 | 4.9031 | 0.0000 | 0.0000 |
| 16.) | Radome Differential Attack Pressure Rosemount sn 2 | pdar | -0.3298 | 6.8765 | 0.0000 | 0.0000 |
| 17.) | Radome Differential Sideslip Pressure (Flow Angle) | pdsr | -0.0814 | 6.8833 | 0.0000 | 0.0000 |
| 18.) | Radome Dynamic (Flow Angle) Pressure Rosemount sn | pqr | -0.7240 | 34.5926 | 0.0000 | 0.0000 |
| 19.) | Total Radome Impact Pressure (Flow Angle) Rosemoun | ptr | -2.5857 | 206.8766 | 0.0000 | 0.0000 |
| 20.) | Rosemount Total Temp#3 Port sn 3275 w/ amp 123 cal | tt3 | 0.0410 | 4.9920 | 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.) | Dewpoint #2 EdgeTech Vigilant Fuselage sn 29833 w/ | tdm2 | -60.0000 | 20.0000 | 0.0000 | 0.0000 |
| 25.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 26.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 27.) | TDL Maycomm sn 3 cal date 052705 | tdm3 | -25.0000 | 7.5000 | 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.) | WVSS-II SpectraSensors sn 1 cal date 052705 | wvssii | 0.0000 | 8000.0000 | 0.0000 | 0.0000 |
| 31.) | King Liquid water | klwc | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 32.) | PS2/PSF co-pilot Static Pressure Fuselage Rosemoun | psf | 250.6644 | 79.8718 | 0.0000 | 0.0000 |
| 33.) | PQ2/PQF1 co-pilot Dynamic Pressure #1 Fuselage Ros | pqf1 | 2.8043 | 16.5692 | 0.0000 | 0.0000 |
| 34.) | PQ3/PQF2 Dynamic Pressure #2 Fuselage Rosemount 12 | pqf2 | 0.8782 | 17.2312 | 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.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 39.) | x | x | 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.) 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.) CSD WAS Motor Control | csdwmc | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 52.) WAS Can Number | csdwcn | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 53.) Was Manifold Pressure | csdwmp | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 54.) CSD - PAN | csdpan | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 55.) CSD - Pan Cal | csdcal | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 56.) CSD - N205 | csdn20 | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 57.) CSD - Dry Extinction (Mm-1) | csdmm1 | 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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