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 sn3146 w/ amp #11 cal d | tt1 | -0.5178 | 12.0703 | 0.0000 | 0.0000 |
| 2.) | Rosemount Total Temp#2 AFT sn A7775 w/ amp #152 c | tt2 | -0.2931 | 7.0058 | 0.0000 | 0.0000 |
| 3.) | General Eastern TD#1 sn 52723 w/ 52721 cal date 6/ | tdm1 | -16.9251 | 11.2786 | 0.0000 | 0.0000 |
| 4.) | Differential Attack Pressure Fuselage Rosemount sn | pdaf | 0.0573 | 6.8853 | 0.0000 | 0.0000 |
| 5.) | Dynamic Attack Pressure Fuselage Rosemount sn 842 | pqaf | -0.1263 | 17.2541 | 0.0000 | 0.0000 |
| 6.) | Differential Sideslip Pressure Fuselage Rosemount | pdsf | -0.0547 | 6.8894 | 0.0000 | 0.0000 |
| 7.) | Dynamic Sideslip Pressure Fuselage Rosemount sn 86 | pqsf | 0.1698 | 17.1522 | 0.0000 | 0.0000 |
| 8.) | Static Pressure Wingtip Rosemount sn 163 cal date | psw | 250.0910 | 79.9755 | 0.0000 | 0.0000 |
| 9.) | Dynamic Pressure Wingtip Rosemount sn 163 cal date | pqw | -9.0958 | 16.7197 | 0.0000 | 0.0000 |
| 10.) | Surface SST Barnes sn 648 cal date 6/26/04 | prt5_down | 2.8117 | 9.9670 | -0.4441 | 0.0199 |
| 11.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 12.) | Side CO2 radiometer Barnes sn 642 cal date 6/26/04 | prt5_side | -0.0084 | 11.1037 | -0.4182 | 0.0224 |
| 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 | -0.4087 | 6.8763 | 0.0000 | 0.0000 |
| 17.) | Differential Sideslip Pressure Radome Rosemount sn | pdsr | -0.0659 | 6.8829 | 0.0000 | 0.0000 |
| 18.) | Dynamic Pressure Radome Rosemount sn 286 cal date | pqr | -0.5179 | 34.5315 | 0.0000 | 0.0000 |
| 19.) | Total Pressure Radome Rosemount sn 260 cal date 6/ | ptr | -2.1562 | 206.8727 | 0.0000 | 0.0000 |
| 20.) | Rosemount Total Temp#3 Radome sn 3275 w/ amp 123 c | 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.) | EdgeTech Vigilant Dewpoint #2 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.) | Maycomm TDL sn 2 cal date 5/14/04 | 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.) | SpectraSensors sn 1 cal date 5/14/04 | wvssll | 0.0000 | 8000.0000 | 0.0000 | 0.0000 |
| 31.) | King Liquid water | klwc | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 32.) | Static Pressure Fuselage Rosemount sn 161 cal date | psf | -4.2439 | 108.3751 | 0.0000 | 0.0000 |
| 33.) | Dynamic Pressure #1 Fuselage Rosemount sn 161 cal | pqf1 | -0.1405 | 33.8299 | 0.0000 | 0.0000 |
| 34.) | Dynamic Pressure #2 Fuselage Rosemount sn 862 cal | pqf2 | 0.0388 | 17.2358 | 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.) | LICOR H2O Absorption | lich20 | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 38.) | LICOR Enclosure Pressure | licenp | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 39.) | LICOR Rate - X | licrtx | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 40.) | LICOR Rate - Y | licrty | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 41.) | LICOR Rate - Z | licrtz | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 42.) | LICOR Acceleration - X | licacx | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 43.) | LICOR Acceleration - Y | licacy | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 44.) | LICOR Acceleration - Z | licacz | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 45.) | LICOR Sample Pressure | licprs | 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.) 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.) SFMR Brightness - B3 4.55GHz | sfmrb3 | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 65.) SFMR Brightness - B5 5.64GHz | sfmrb5 | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 66.) SFMR Brightness - B7 6.96GHz | sfmrb7 | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 67.) SFMR Brightness - B8 7.22GHz | sfmrb8 | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 68.) SFMR Brightness - B6 6.34GHz | sfmrb6 | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 69.) SFMR Brightness - B4 5.06GHz | sfmrb4 | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 70.) SFMR Temp - T8 Receiver Noise Source | sfmrt8 | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 71.) SFMR Temp - T7 Receiver Ref Load | sfmrt7 | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 72.) SFMR Temp - T6 Antenna Left | sfmrt6 | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 73.) SFMR Temp - T5 Antenna Right | sfmrt5 | 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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