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 sn 58171 w/ amp #16 cal | tt1 | -0.1180 | 12.0295 | 0.0000 | 0.0000 |
| 2.) | Rosemount Total Temp#2 AFT sn A7775 w/ amp #152 c | tt2 | 0.0629 | 6.9897 | 0.0000 | 0.0000 |
| 3.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 4.) | Differential Attack Pressure Fuselage Rosemount sn | pdaf | 0.0674 | 6.8886 | 0.0000 | 0.0000 |
| 5.) | Dynamic Attack Pressure Fuselage Rosemount sn 842 | pqaf | -0.1180 | 17.2590 | 0.0000 | 0.0000 |
| 6.) | Differential Sideslip Pressure Fuselage Rosemount | pdsf | -0.0347 | 6.8917 | 0.0000 | 0.0000 |
| 7.) | Dynamic Sideslip Pressure Fuselage Rosemount sn 86 | pqsf | 0.0771 | 17.1473 | 0.0000 | 0.0000 |
| 8.) | Static Pressure Wingtip Rosemount sn 163 cal date | psw | 249.2273 | 79.9736 | 0.0000 | 0.0000 |
| 9.) | Dynamic Pressure Wingtip Rosemount sn 163 cal date | pqw | -10.8605 | 16.7695 | 0.0000 | 0.0000 |
| 10.) | Surface SST Heitronics KT 19.85 II sn 2485 cal dat | prt5_down | -20.0000 | 6.0000 | 0.0000 | 0.0000 |
| 11.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 12.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 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 | -0.2725 | 6.8761 | 0.0000 | 0.0000 |
| 17.) | Differential Sideslip Pressure Radome Rosemount sn | pdsr | -0.0492 | 6.8809 | 0.0000 | 0.0000 |
| 18.) | Dynamic Pressure Radome Rosemount sn 286 cal date | pqr | -0.8201 | 34.5835 | 0.0000 | 0.0000 |
| 19.) | Total Pressure Radome Rosemount sn 260 cal date 06 | ptr | -1.9657 | 206.8498 | 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 137 Dewpoint#2 sn 30897 w/ 1766 | tdm2 | -60.0000 | 20.0000 | 0.0000 | 0.0000 |
| 25.) | Buck Research 1011C Dewpoint#1 sn 315P/ 315S cal d | tdm1 | -75.0000 | 12.5000 | 0.0000 | 0.0000 |
| 26.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 27.) | Maycomm TDL Dewpoint#3 sn 3 cal date 062707 | tdm3 | -25.0000 | 7.5000 | 0.0000 | 0.0000 |
| 28.) | dewpt#1 Buck 1011C balance | tdm1bal | -5.0000 | 1.0000 | 0.0000 | 0.0000 |
| 29.) | x | x | 0.0000 | 1.0000 | 0.0000 | 0.0000 |
| 30.) | SpectraSensors sn 1 cal date 062707 | wvssii | 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 162 cal date | psf | 250.6839 | 79.8706 | 0.0000 | 0.0000 |
| 33.) | Dynamic Pressure #1 Fuselage Rosemount sn 162 cal | pqf1 | 2.9700 | 16.5722 | 0.0000 | 0.0000 |
| 34.) | Dynamic Pressure #2 Fuselage Rosemount sn 2443 cal | pqf2 | 0.8380 | 17.2302 | 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.) | 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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