```
A/C 42, Flgt 060612H, Micro99 date 2006/06/12, Proj hur06                     Run on Mon Sep 10 09:56:00 2007
TIME-M99     LATi1      LONGi1   GSui1    GSvi1   GSi1  RA159  HDGi1 PTCHi1 ROLLi1     PSW    PQF1     TT1      TA1    TDM1      TD1  AXBT1
TIME-CG1     LATi2      LONGi2   GSui2    GSvi2   GSi2  RA232  HDGi2 PTCHi2 ROLLi2     PSF    PQF2     TT2      TA2    TDM2      TD2  AXBT2
TIME-CG2    LATcln     LONGcln  GSucln   GSvcln  GScln ALTcln PRT5SIDE PDAF    PDAR    PQAF    PQSF     TT3      TA3    TDM3      TD3   RH1
TIME-GPS    LATash     LONGash  THETA1  THETAE1    PA1 ALTash PRT5DOWN PDSF    PDSR     PQR     PQW   LWCJW      IAS    WDi1     WSi1   TAS1

14:03:30  27 50.8   -82 29.5     0.0     -0.1    0.1      7  135.0   -0.6   -0.1 1013.9     0.1    23.1     23.1    15.7     15.7  -24.1
14:03:30  27 50.9   -82 29.5     0.0     -0.0    0.0      1  135.2   -0.5   -0.2 1014.3     0.1    23.4     23.4    40.0     40.0  -37.5
14:03:30  27 50.9   -82 29.6     0.0     -0.0    0.0      5   32.6    0.4   -0.1   -0.2    -0.3    -0.0     -0.0   -24.1    -26.7   63.1
14:03:29  27 50.9   -82 29.6   295.1    327.1     -8     11   33.8    0.4    0.1   -0.4     0.0    -0.0      9.2   124.8      4.7    4.8

14:04:00  27 50.8   -82 29.5     0.0     -0.1    0.1      7  135.0   -0.6   -0.1 1013.9     0.2    23.2     23.1    15.7     15.7  -23.9
14:04:00  27 50.9   -82 29.5     0.0     -0.0    0.0      1  135.2   -0.4   -0.1 1014.2     0.2    23.4     23.4    40.0     40.0  -37.5
14:04:00  27 50.9   -82 29.6    -0.0      0.0    0.0      3   32.6    0.5   -0.1   -0.4    -0.1    -0.0     -0.0   -24.1    -26.7   63.1
14:03:59  27 50.9   -82 29.6   295.1    327.2     -8     11   33.8    0.2    0.1   -0.4     0.1    -0.0     10.5   120.1      5.4    5.5

14:04:30  27 50.8   -82 29.5     0.0     -0.1    0.1      7  135.0   -0.6   -0.1 1013.8     0.2    23.1     23.1    15.7     15.7  -24.1
14:04:30  27 50.9   -82 29.5     0.0     -0.0    0.0      1  135.2   -0.5   -0.1 1014.2     0.2    23.4     23.3    17.6     17.6  -37.6
14:04:30  27 50.9   -82 29.6    -0.0     -0.0    0.0      2   32.5    0.6   -0.1   -0.4     0.1    -0.0     -0.0   -24.0    -26.6   63.2
14:04:29  27 50.9   -82 29.6   295.1    327.2     -8     11   33.8    0.3    0.1   -0.4     0.1    -0.0     11.1   167.2      5.7    5.8

14:05:00  27 50.8   -82 29.5     0.0     -0.1    0.1      7  135.0   -0.6   -0.1 1013.7     0.2    23.1     23.1    15.7     15.7  -24.6
14:05:00  27 50.9   -82 29.5     0.0     -0.0    0.0      1  135.2   -0.5   -0.1 1014.1     0.2    23.3     23.3    16.9     16.9  -37.6
14:05:00  27 50.9   -82 29.6    -0.0      0.0    0.0      1   32.6    0.8   -0.1   -0.5     0.4    -0.0     -0.0   -24.0    -26.6   63.3
14:04:59  27 50.9   -82 29.6   295.1    327.1     -7     11   33.8    0.4    0.1   -0.4     0.0    -0.0     10.6   142.4      5.4    5.6

14:05:30  27 50.8   -82 29.5     0.0     -0.1    0.1      7  135.0   -0.6   -0.1 1013.7     0.1    23.1     23.1    15.7     15.7  -24.5
14:05:30  27 50.9   -82 29.5     0.0     -0.0    0.0      2  135.2   -0.5   -0.2 1014.1     0.1    23.3     23.3    16.4     16.4  -37.5
14:05:30  27 50.9   -82 29.6    -0.0     -0.0    0.0      3   32.6    1.2   -0.1   -0.6     0.4    -0.0     -0.0   -24.0    -26.6   63.4
14:05:29  27 50.9   -82 29.6   295.1    327.1     -7     11   33.8    0.7    0.1   -0.4     0.2    -0.0      6.9   145.3      3.5    3.6

14:06:00  27 50.8   -82 29.5     0.0     -0.1    0.1      7  135.0   -0.6   -0.1 1013.7     0.2    23.1     23.1    15.7     15.7  -24.1
14:06:00  27 50.9   -82 29.5     0.1     -0.0    0.1      1  135.2   -0.5   -0.2 1014.1     0.2    23.3     23.3    16.1     16.1  -37.6
14:06:00  27 50.9   -82 29.6     0.0      0.0    0.0      6   32.6    1.3   -0.1   -0.4     0.4    -0.0     -0.0   -23.9    -26.5   63.4
14:05:59  27 50.9   -82 29.6   295.1    327.1     -7     11   33.8    0.9    0.1   -0.4     0.1    -0.0     10.8   148.9      5.4    5.6

14:06:30  27 50.8   -82 29.5     0.0     -0.1    0.1      7  135.0   -0.6   -0.1 1013.7     0.3    23.1     23.1    15.7     15.7  -24.4
14:06:30  27 50.9   -82 29.5     0.1     -0.0    0.1      1  135.2   -0.5   -0.1 1014.1     0.3    23.3     23.3    15.9     15.9  -37.5
14:06:30  27 50.9   -82 29.6    -0.0     -0.0    0.0      7   32.6   -0.3   -0.1   -0.3     0.6    -0.0     -0.0   -23.6    -26.2   63.3
14:06:29  27 50.9   -82 29.6   295.1    327.1     -7     11   33.8    1.0    0.1   -0.4     0.1    -0.0     13.3   146.6      6.8    6.9

14:07:00  27 50.8   -82 29.5     0.3     -0.3    0.4      7  135.1   -0.7   -0.1 1013.7     0.3    23.2     23.1    15.7     15.7  -24.5
14:07:00  27 50.9   -82 29.5     0.3     -0.3    0.4      1  135.3   -0.6   -0.2 1014.0     0.2    23.4     23.4    15.8     15.8  -37.6
14:07:00  27 50.9   -82 29.6     0.2     -0.2    0.3      7   32.6   -0.3   -0.1   -0.4     0.7    -0.0     -0.0   -23.6    -26.2   63.1
14:06:59  27 50.9   -82 29.6   295.1    327.2     -7     11   33.8    1.1    0.1   -0.4     0.2    -0.0     12.5   146.5      6.1    6.5

14:07:30  27 50.8   -82 29.5    -2.7     -1.3    3.0      7  252.2   -0.7    0.4 1013.6     0.2    23.1     23.0    15.7     15.7  -24.6
14:07:30  27 50.9   -82 29.5    -2.7     -1.2    3.0      1  252.2   -0.6    0.3 1013.7     0.2    23.3     23.3    15.7     15.7  -37.3
14:07:30  27 50.9   -82 29.6    -2.8     -1.6    3.2     13   32.6    0.0   -0.1   -0.6    -0.0    -0.0     -0.0   -23.5    -26.0   63.5
14:07:29  27 50.9   -82 29.6   295.1    327.1     -4     11   33.8   -0.6    0.1   -0.4    -0.1    -0.0     12.1   155.6      5.6    6.3

14:08:00  27 50.8   -82 29.6    -5.6      5.5    7.9      7  314.6   -0.9    0.1 1013.3     0.1    23.1     23.1    15.7     15.7  -24.4
14:08:00  27 50.9   -82 29.6    -5.6      5.6    7.9      2  314.8   -0.8    0.0 1014.0     0.1    23.3     23.3    15.6     15.6  -37.6
14:08:00  27 51.0   -82 29.7    -5.6      5.6    8.0     16   32.6    0.0   -0.1   -0.5     0.0    -0.0     -0.0   -23.6    -26.2   63.5
14:07:59  27 51.0   -82 29.7   295.0    327.1     -6     11   33.9   -0.0    0.1   -0.4     0.4    -0.0      9.2   139.3      3.1    4.8
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A/C 42, Flgt 060612H, Micro99 date 2006/06/12, Proj hur06                     Run on Mon Sep 10 09:56:00 2007
TIME-M99     LATi1      LONGi1   GSui1    GSvi1   GSi1  RA159  HDGi1 PTCHi1 ROLLi1     PSW    PQF1     TT1      TA1    TDM1      TD1  AXBT1
TIME-CG1     LATi2      LONGi2   GSui2    GSvi2   GSi2  RA232  HDGi2 PTCHi2 ROLLi2     PSF    PQF2     TT2      TA2    TDM2      TD2  AXBT2
TIME-CG2    LATcln     LONGcln  GSucln   GSvcln  GScln ALTcln PRT5SIDE PDAF    PDAR    PQAF    PQSF     TT3      TA3    TDM3      TD3   RH1
TIME-GPS    LATash     LONGash  THETA1  THETAE1    PA1 ALTash PRT5DOWN PDSF    PDSR     PQR     PQW   LWCJW      IAS    WDi1     WSi1   TAS1

14:08:30  27 50.9   -82 29.6     4.0      3.9    5.6      7   47.4   -1.0    0.3 1013.2     0.7    23.2     23.1    15.8     15.8  -23.9
14:08:30  27 51.0   -82 29.6     4.1      4.0    5.7      1   47.2   -0.9    0.2 1013.9     0.7    23.4     23.3    15.5     15.5  -37.6
14:08:30  27 51.1   -82 29.8     3.9      4.2    5.7     13   32.7   -0.0   -0.1    0.4     0.5    -0.0     -0.1   -20.2    -22.5   63.6
14:08:29  27 51.1   -82 29.8   295.1    327.4     -5     11   33.8    2.3    0.1   -0.4     0.7    -0.0     20.3   103.1      6.5   10.6

14:09:00  27 51.0   -82 29.6    -0.7      5.4    5.5      7  352.2   -0.7   -0.2 1013.8     0.1    23.3     23.3    15.9     15.9  -23.8
14:09:00  27 51.1   -82 29.6    -0.6      5.5    5.5      1  352.4   -0.6   -0.3 1013.9     0.1    23.6     23.6    15.5     15.5  -37.6
14:09:00  27 51.1   -82 29.7    -0.5      5.4    5.4     12   32.5    0.1   -0.1    0.1    -0.0    -0.0     -0.0   -20.9    -23.2   63.6
14:08:59  27 51.1   -82 29.7   295.3    327.8     -5     11   33.9    0.5    0.1   -0.4    -0.0    -0.0      8.0   132.9      6.4    4.2

14:09:30  27 51.1   -82 29.6    -4.2      5.7    7.1      7  323.2   -1.2   -0.0 1013.6     0.2    23.2     23.2    15.8     15.8  -24.2
14:09:30  27 51.2   -82 29.6    -4.2      5.8    7.1      1  323.5   -1.0   -0.1 1014.0     0.2    23.5     23.4    15.4     15.4  -37.6
14:09:30  27 51.2   -82 29.8    -4.1      5.8    7.1     15   32.6    0.2   -0.1    0.2     0.2    -0.0     -0.0   -22.8    -25.3   63.8
14:09:29  27 51.2   -82 29.8   295.1    327.5     -7     11   33.9    0.4    0.1   -0.4     0.0    -0.0     12.4    82.0      2.1    6.5

14:10:00  27 51.1   -82 29.7    -5.0     -3.1    5.9      7  238.3   -0.8   -0.5 1013.6     0.0    23.2     23.2    15.8     15.8  -24.6
14:10:00  27 51.2   -82 29.7    -4.9     -3.1    5.8      1  238.5   -0.7   -0.5 1014.0    -0.0    23.4     23.4    15.4     15.4  -37.4
14:10:00  27 51.2   -82 29.9    -4.9     -3.1    5.8     11   32.5    0.0   -0.1    0.1     0.1    -0.0     -0.0   -23.3    -25.9   63.6
14:09:59  27 51.2   -82 29.9   295.2    327.5     -6     11   33.9   -0.9    0.1   -0.4     0.1    -0.0      2.7    44.3      5.7    1.4

14:10:30  27 51.0   -82 29.8    -4.6     -4.7    6.5      7  224.1   -0.9    0.2 1013.4    -0.2    23.2 -32767.0    16.1     16.1  -23.9
14:10:30  27 51.1   -82 29.8    -4.5     -4.6    6.4      2  224.4   -0.8    0.1 1013.9    -0.2    23.5 -32767.0    15.4     15.4  -37.6
14:10:30  27 51.2   -82 30.0    -4.6     -4.8    6.7     15   32.6   -0.4   -0.1    0.7    -0.0    -0.0 -32767.0   -23.5    -26.0 -32767.0
14:10:29  27 51.2   -82 29.9 -32767.0 -32767.0 -32767     12   33.9   -0.4    0.1   -0.4     0.0    -0.0 -32767.0 -32767.0 -32767.0 -327

14:11:00  27 51.0   -82 29.9    -2.1      2.1    3.0      7  315.1   -0.6    0.2 1013.6     0.1    23.2     23.2    15.9     15.9  -23.7
14:11:00  27 51.1   -82 29.9    -2.1      2.2    3.0      1  315.2   -0.5    0.1 1013.8     0.1    23.5     23.5    15.4     15.4  -37.5
14:11:00  27 51.2   -82 30.0    -2.2      2.2    3.1     15   32.6   -0.5   -0.1    0.7    -0.0    -0.0     -0.0   -23.5    -26.1   64.0
14:10:59  27 51.2   -82 30.0   295.2    327.9     -5     12   33.9    0.1    0.1   -0.4    -0.0    -0.0      7.1   253.8      1.2    3.7

14:11:30  27 51.1   -82 29.9     0.0     -0.1    0.1     -5  314.8   -0.5    0.2 1013.5     0.1    23.1     23.1    15.9     15.9  -23.8
14:11:30  27 51.1   -82 29.9     0.1      0.0    0.1      2  315.0   -0.4    0.1 1013.8     0.1    23.4     23.4    15.4     15.4  -37.6
14:11:30  27 51.2   -82 30.0     0.0     -0.0    0.0     16   32.7   -0.1   -0.1    0.7    -0.0    -0.0     -0.0   -23.6    -26.2   64.2
14:11:29  27 51.2   -82 30.0   295.1    327.7     -4     12   33.9   -0.0    0.1   -0.4    -0.0    -0.0      7.6   317.8      4.0    4.0

14:12:00  27 51.1   -82 29.9     0.0     -0.1    0.1     -6  314.8   -0.6    0.2 1013.4    -0.3    23.1 -32767.0    15.9     15.9  -23.7
14:12:00  27 51.1   -82 29.9     0.1      0.0    0.1      1  315.0   -0.5    0.1 1013.9    -0.3    23.4 -32767.0    15.4     15.4  -37.6
14:12:00  27 51.2   -82 30.0    -0.0      0.0    0.0     20   32.6    0.3   -0.1    0.7    -0.0    -0.0 -32767.0   -23.7    -26.3 -32767.0
14:11:59  27 51.2   -82 30.0 -32767.0 -32767.0 -32767     12   33.9   -0.0    0.1   -0.4    -0.0    -0.0 -32767.0 -32767.0 -32767.0 -327

14:12:30  27 51.1   -82 29.9     0.0     -0.0    0.0     -6  314.8   -0.6    0.2 1013.6    -0.1    23.2 -32767.0    15.9     15.9  -24.1
14:12:30  27 51.1   -82 29.9     0.1      0.0    0.1      1  315.0   -0.5    0.0 1013.8    -0.1    23.4 -32767.0    15.4     15.4  -37.6
14:12:30  27 51.2   -82 30.0     0.0     -0.0    0.0     25   32.6    0.3   -0.1    0.7    -0.0    -0.0 -32767.0   -23.6    -26.2 -32767.0
14:12:29  27 51.2   -82 30.0 -32767.0 -32767.0 -32767     12   33.9   -0.1    0.1   -0.4    -0.0    -0.0 -32767.0 -32767.0 -32767.0 -327

14:13:00  27 51.1   -82 29.9     0.0     -0.0    0.0     -8  314.9   -0.6    0.2 1013.6     0.1    23.2     23.2    15.9     15.9  -24.3
14:13:00  27 51.1   -82 29.9     0.1      0.0    0.1      1  315.0   -0.5    0.1 1013.7     0.0    23.4     23.4    15.3     15.3  -37.6
14:13:00  27 51.2   -82 30.0     0.0     -0.0    0.0     26   32.6   -0.0   -0.1    0.6    -0.0    -0.0     -0.0   -23.7    -26.2   63.8
14:12:59  27 51.2   -82 30.0   295.2    327.7     -4     12   33.9    0.1    0.1   -0.4    -0.1    -0.0      5.9   295.1      3.1    3.1
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A/C 42, Flgt 060612H, Micro99 date 2006/06/12, Proj hur06                     Run on Mon Sep 10 09:56:00 2007
TIME-M99     LATi1      LONGi1   GSui1    GSvi1   GSi1  RA159  HDGi1 PTCHi1 ROLLi1     PSW    PQF1     TT1      TA1    TDM1      TD1  AXBT1
TIME-CG1     LATi2      LONGi2   GSui2    GSvi2   GSi2  RA232  HDGi2 PTCHi2 ROLLi2     PSF    PQF2     TT2      TA2    TDM2      TD2  AXBT2
TIME-CG2    LATcln     LONGcln  GSucln   GSvcln  GScln ALTcln PRT5SIDE PDAF    PDAR    PQAF    PQSF     TT3      TA3    TDM3      TD3   RH1
TIME-GPS    LATash     LONGash  THETA1  THETAE1    PA1 ALTash PRT5DOWN PDSF    PDSR     PQR     PQW   LWCJW      IAS    WDi1     WSi1   TAS1

14:13:30  27 51.1   -82 29.9     0.0     -0.0    0.0     -5  314.8   -0.7    0.2 1013.6    -0.2    23.1 -32767.0    15.9     15.9  -24.3
14:13:30  27 51.1   -82 29.9     0.1      0.0    0.1      1  315.0   -0.5    0.1 1013.8    -0.2    23.4 -32767.0    15.4     15.4  -37.6
14:13:30  27 51.2   -82 30.0     0.0     -0.0    0.0     21   32.7   -0.2   -0.1    0.6    -0.0    -0.0 -32767.0   -23.7    -26.3 -32767.0
14:13:29  27 51.2   -82 30.0 -32767.0 -32767.0 -32767     12   33.9   -0.0    0.1   -0.4    -0.0    -0.0 -32767.0 -32767.0 -32767.0 -327

14:14:00  27 51.1   -82 29.9     0.0     -0.0    0.0     -5  314.8   -0.7    0.2 1013.6    -0.1    23.1 -32767.0    15.8     15.8  -24.0
14:14:00  27 51.1   -82 29.9     0.1      0.0    0.1      2  315.0   -0.6    0.1 1013.8    -0.1    23.4 -32767.0    15.3     15.3  -37.6
14:14:00  27 51.2   -82 30.0    -0.0     -0.0    0.0     17   32.6   -0.4   -0.1    0.8    -0.0    -0.0 -32767.0   -23.7    -26.3 -32767.0
14:13:59  27 51.2   -82 30.0 -32767.0 -32767.0 -32767     12   33.9   -0.0    0.1   -0.4    -0.1    -0.0 -32767.0 -32767.0 -32767.0 -327

14:14:30  27 51.1   -82 29.9     0.0     -0.0    0.0     -6  314.8   -0.9    0.1 1013.4    -0.3    23.1 -32767.0    17.1     17.1  -24.0
14:14:30  27 51.1   -82 29.9     0.1      0.0    0.1      2  315.1   -0.7    0.0 1013.9    -0.3    23.3 -32767.0    15.3     15.3  -37.6
14:14:30  27 51.2   -82 30.0    -0.0      0.0    0.0     14   32.6   -0.4   -0.1    0.1    -0.0    -0.0 -32767.0   -23.7    -26.3 -32767.0
14:14:29  27 51.2   -82 30.0 -32767.0 -32767.0 -32767     12   33.9   -0.1    0.1   -0.4    -0.0    -0.0 -32767.0 -32767.0 -32767.0 -327

14:15:00  27 51.1   -82 29.9     0.0     -0.0    0.0     -6  314.9   -0.9    0.1 1013.6    -0.0    23.1 -32767.0    16.5     16.5  -24.4
14:15:00  27 51.1   -82 29.9     0.1      0.0    0.1      2  315.0   -0.7    0.0 1013.9    -0.0    23.3 -32767.0    15.3     15.3  -37.6
14:15:00  27 51.2   -82 30.0     0.0     -0.0    0.0     11   32.7   -0.3   -0.1    0.2    -0.0    -0.0 -32767.0   -23.8    -26.4 -32767.0
14:14:59  27 51.2   -82 30.0 -32767.0 -32767.0 -32767     12   33.9   -0.0    0.1   -0.4    -0.1    -0.0 -32767.0 -32767.0 -32767.0 -327

14:15:30  27 51.1   -82 29.9     0.0      0.0    0.0     -7  314.8   -0.9    0.2 1013.5    -0.1    23.1 -32767.0    16.5     16.5  -23.7
14:15:30  27 51.1   -82 29.9     0.1      0.0    0.1      2  315.0   -0.7    0.1 1013.8    -0.1    23.3 -32767.0    15.3     15.3  -37.6
14:15:30  27 51.2   -82 30.0     0.0      0.0    0.0     14   32.6   -0.5   -0.1    0.3    -0.0    -0.0 -32767.0   -23.8    -26.4 -32767.0
14:15:29  27 51.2   -82 30.0 -32767.0 -32767.0 -32767     12   33.9    0.0    0.1   -0.4    -0.0    -0.0 -32767.0 -32767.0 -32767.0 -327

14:16:00  27 51.1   -82 29.9     0.0      0.0    0.0     -6  314.8   -1.0    0.2 1013.4    -0.4    23.1 -32767.0    16.5     16.5  -24.3
14:16:00  27 51.1   -82 29.9     0.1      0.0    0.1      1  315.0   -0.9    0.1 1014.0    -0.5    23.3 -32767.0    15.3     15.3  -37.6
14:16:00  27 51.2   -82 30.0    -0.0     -0.0    0.0     17   32.8   -0.8   -0.1    0.4    -0.0    -0.0 -32767.0   -23.8    -26.3 -32767.0
14:15:59  27 51.2   -82 30.0 -32767.0 -32767.0 -32767     12   33.9    0.4    0.1   -0.4     0.1    -0.0 -32767.0 -32767.0 -32767.0 -327

14:16:30  27 51.1   -82 29.9     0.0      0.0    0.0     -7  314.8   -0.9    0.2 1013.5    -0.3    23.1 -32767.0    16.4     16.4  -23.9
14:16:30  27 51.1   -82 29.9     0.1      0.0    0.1      2  315.0   -0.8    0.1 1013.8    -0.4    23.4 -32767.0    15.3     15.3  -37.6
14:16:30  27 51.2   -82 30.0    -0.0      0.0    0.0     13   32.8   -0.8   -0.1    0.4    -0.0    -0.0 -32767.0   -23.8    -26.4 -32767.0
14:16:29  27 51.2   -82 30.0 -32767.0 -32767.0 -32767     12   33.9    0.2    0.1   -0.4    -0.2    -0.0 -32767.0 -32767.0 -32767.0 -327

14:17:00  27 51.1   -82 29.9     0.0      0.0    0.0     -7  314.9   -1.2    0.2 1013.4    -0.4    23.1 -32767.0    16.5     16.5  -23.5
14:17:00  27 51.1   -82 29.9     0.1      0.0    0.1      1  315.0   -1.0    0.1 1014.1    -0.4    23.4 -32767.0    15.4     15.4  -37.6
14:17:00  27 51.2   -82 30.0    -0.0      0.0    0.0     15   32.6   -0.4   -0.1    0.1    -0.0    -0.0 -32767.0   -23.8    -26.4 -32767.0
14:16:59  27 51.2   -82 30.0 -32767.0 -32767.0 -32767     12   33.9   -0.2    0.1   -0.4    -0.0    -0.0 -32767.0 -32767.0 -32767.0 -327

14:17:30  27 51.1   -82 29.9    -1.8      1.9    2.6     -5  314.5   -0.6    0.2 1013.6     0.0    23.1     23.1    16.3     16.3  -23.6
14:17:30  27 51.1   -82 29.9    -1.8      1.9    2.6      2  314.7   -0.5    0.1 1013.8    -0.0    23.4     23.4    15.3     15.3  -37.6
14:17:30  27 51.2   -82 30.0    -1.7      1.7    2.3     14   32.7    0.2   -0.1    0.1    -0.0    -0.0     -0.0   -23.8    -26.4   66.0
14:17:29  27 51.2   -82 30.0   295.1    328.5     -4     11   33.9   -0.2    0.1   -0.4    -0.1    -0.0      2.7   112.1      1.6    1.4

14:18:00  27 51.1   -82 30.0    -4.8      4.9    6.9     -5  314.5   -0.6    0.2 1013.4    -0.1    23.1 -32767.0    16.3     16.3  -24.3
14:18:00  27 51.2   -82 30.0    -4.8      4.9    6.8      1  314.7   -0.5    0.1 1013.8    -0.1    23.4 -32767.0    15.3     15.3  -37.6
14:18:00  27 51.3   -82 30.1    -4.8      4.8    6.8     12   32.6    0.2   -0.1    0.2    -0.0    -0.0 -32767.0   -23.8    -26.4 -32767.0
14:17:59  27 51.2   -82 30.1 -32767.0 -32767.0 -32767     11   33.9    0.1    0.1   -0.4     0.1    -0.0 -32767.0 -32767.0 -32767.0 -327
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A/C 42, Flgt 060612H, Micro99 date 2006/06/12, Proj hur06                     Run on Mon Sep 10 09:56:00 2007
TIME-M99     LATi1      LONGi1   GSui1    GSvi1   GSi1  RA159  HDGi1 PTCHi1 ROLLi1     PSW    PQF1     TT1      TA1    TDM1      TD1  AXBT1
TIME-CG1     LATi2      LONGi2   GSui2    GSvi2   GSi2  RA232  HDGi2 PTCHi2 ROLLi2     PSF    PQF2     TT2      TA2    TDM2      TD2  AXBT2
TIME-CG2    LATcln     LONGcln  GSucln   GSvcln  GScln ALTcln PRT5SIDE PDAF    PDAR    PQAF    PQSF     TT3      TA3    TDM3      TD3   RH1
TIME-GPS    LATash     LONGash  THETA1  THETAE1    PA1 ALTash PRT5DOWN PDSF    PDSR     PQR     PQW   LWCJW      IAS    WDi1     WSi1   TAS1

14:18:30  27 51.2   -82 30.1    -5.4      5.6    7.8     -5  315.1   -0.6    0.1 1013.3    -0.1    23.1 -32767.0    16.3     16.3  -24.3
14:18:30  27 51.3   -82 30.0    -5.4      5.5    7.7      1  315.3   -0.5    0.0 1013.8    -0.1    23.3 -32767.0    15.3     15.3  -37.6
14:18:30  27 51.3   -82 30.2    -5.4      5.5    7.7     11   32.6    0.4   -0.1    0.0    -0.0    -0.0 -32767.0   -23.8    -26.4 -32767.0
14:18:29  27 51.3   -82 30.2 -32767.0 -32767.0 -32767     11   33.9    0.0    0.1   -0.4    -0.0    -0.0 -32767.0 -32767.0 -32767.0 -327

14:19:00  27 51.3   -82 30.2    -3.6      3.7    5.1     -5  314.5   -0.4    0.1 1013.7    -0.2    23.3 -32767.0    16.3     16.3  -24.0
14:19:00  27 51.4   -82 30.1    -3.5      3.6    5.0      1  314.7   -0.3    0.0 1013.8    -0.2    23.6 -32767.0    15.3     15.3  -37.6
14:19:00  27 51.4   -82 30.3    -3.6      3.7    5.1     11   32.7    0.3   -0.1    0.2    -0.0    -0.0 -32767.0   -23.8    -26.4 -32767.0
14:18:59  27 51.4   -82 30.2 -32767.0 -32767.0 -32767     11   33.9    0.2    0.1   -0.4    -0.3    -0.0 -32767.0 -32767.0 -32767.0 -327

14:19:30  27 51.4   -82 30.2    -5.3      5.3    7.5     -5  314.4   -0.5   -0.1 1013.3    -0.0    23.2 -32767.0    16.3     16.3  -24.5
14:19:30  27 51.4   -82 30.2    -5.3      5.2    7.4      1  314.6   -0.4   -0.1 1013.8    -0.1    23.5 -32767.0    15.4     15.4  -37.6
14:19:30  27 51.5   -82 30.4    -5.4      5.2    7.5     12   32.8    0.4   -0.1    0.2     0.1    -0.0 -32767.0   -23.8    -26.3 -32767.0
14:19:29  27 51.5   -82 30.3 -32767.0 -32767.0 -32767     11   33.9    0.2    0.1   -0.4    -0.1    -0.0 -32767.0 -32767.0 -32767.0 -327

14:20:00  27 51.4   -82 30.3    -5.3      4.5    7.0     -5  309.2   -0.2    0.0 1013.3    -0.1    23.4 -32767.0    16.3     16.3  -24.3
14:20:00  27 51.5   -82 30.3    -5.3      4.4    6.9      1  309.5   -0.1   -0.0 1013.7    -0.1    23.7 -32767.0    15.4     15.4  -37.6
14:20:00  27 51.6   -82 30.5    -5.5      4.4    7.0     13   32.6    0.6   -0.1    0.5     0.0    -0.0 -32767.0   -23.8    -26.4 -32767.0
14:19:59  27 51.6   -82 30.4 -32767.0 -32767.0 -32767     12   33.9    0.3    0.1   -0.4     0.0    -0.0 -32767.0 -32767.0 -32767.0 -327

14:20:30  27 51.5   -82 30.4    -6.2      5.2    8.1     -5  308.9    0.1    0.1 1012.8    -0.6    23.4 -32767.0    16.3     16.3  -23.8
14:20:30  27 51.6   -82 30.4    -6.2      5.1    8.0      1  309.1    0.2   -0.1 1013.7    -0.7    23.7 -32767.0    15.5     15.5  -37.6
14:20:30  27 51.6   -82 30.6    -6.3      5.3    8.2     12   32.6    0.0   -0.1    0.0    -0.0    -0.0 -32767.0   -23.8    -26.4 -32767.0
14:20:29  27 51.6   -82 30.5 -32767.0 -32767.0 -32767     12   33.9    0.0    0.1   -0.4     0.5    -0.0 -32767.0 -32767.0 -32767.0 -327

14:21:00  27 51.5   -82 30.5     0.0      0.2    0.2     -6  220.8   -0.5    0.0 1013.4     0.4    23.4     23.3    16.3     16.3  -23.9
14:21:00  27 51.6   -82 30.5     0.1      0.0    0.1      2  221.0   -0.4   -0.1 1013.3     0.4    23.6     23.6    15.5     15.5  -37.4
14:21:00  27 51.7   -82 30.6    -0.0      0.0    0.0     15   32.6    0.2   -0.1    0.2    -0.0    -0.0     -0.0   -23.8    -26.4   65.2
14:20:59  27 51.7   -82 30.6   295.4    328.9     -0     13   33.9    0.1    0.1   -0.4    -0.2    -0.0     15.9   200.8      8.4    8.3

14:21:30  27 51.5   -82 30.5    -4.2     -4.6    6.3     -6  220.4   -0.9    0.1 1012.7     0.3    23.2     23.1    16.3     16.3  -24.1
14:21:30  27 51.6   -82 30.5    -4.2     -4.8    6.4      1  220.6   -0.7    0.0 1013.3     0.3    23.4     23.4    15.5     15.5  -37.2
14:21:30  27 51.6   -82 30.6    -3.0     -3.3    4.4     15   32.6   -0.8   -0.1    0.1     0.2    -0.0     -0.0   -24.0    -26.6   66.0
14:21:29  27 51.6   -82 30.6   295.2    328.7     -1     13   33.9   -1.8    0.1   -0.4    -0.1    -0.0     12.9    99.7      7.1    6.7

14:22:00  27 51.1   -82 30.9   -25.6    -30.3   39.7     -5  219.1   -1.1    0.2 1012.7     8.5    24.2     23.5    21.5     21.5  -24.2
14:22:00  27 51.2   -82 30.9   -25.6    -30.5   39.9      2  219.3   -1.0    0.1 1013.3     8.5    24.3     23.6    22.3     22.3  -37.3
14:22:00  27 51.2   -82 31.0   -26.5    -30.7   40.6     12   32.5    0.3   -0.1    6.5     8.4    -0.0     -0.7   -24.0    -26.6   89.9
14:21:59  27 51.3   -82 31.0   295.6    342.1     -0     13   33.9   -7.4    0.1   -0.4     8.7    -0.0     72.5   105.6      5.1   38.0

14:22:30  27 50.7   -82 31.2   -12.5    -14.4   19.1     -6  220.0   -0.7   -0.0 1012.6     0.6    23.7     23.6    20.5     20.5  -24.2
14:22:30  27 50.8   -82 31.2   -12.5    -14.6   19.2      1  220.2   -0.6   -0.1 1013.3     0.5    23.7     23.7    22.6     22.6  -37.5
14:22:30  27 50.9   -82 31.4   -12.8    -14.7   19.5     11   32.5    0.4   -0.1    0.1     0.1    -0.0     -0.0   -24.0    -26.6   83.6
14:22:29  27 50.9   -82 31.3   295.7    339.4     -0     13   34.0   -2.2    0.1   -0.4     2.4    -0.0     18.5    69.1     14.2    9.7

14:23:00  27 50.6   -82 31.4    -5.8     -6.7    8.9     -5  220.0   -0.7   -0.1 1013.1    -0.3    23.6 -32767.0    20.7     20.7  -24.4
14:23:00  27 50.6   -82 31.4    -5.8     -6.9    9.0      2  220.2   -0.6   -0.2 1013.4    -0.3    23.8 -32767.0    22.3     22.3  -37.6
14:23:00  27 50.7   -82 31.5    -6.1     -7.0    9.2     10   32.7   -0.3   -0.1    0.3     0.0    -0.0 -32767.0   -24.1    -26.7 -32767.0
14:22:59  27 50.7   -82 31.5 -32767.0 -32767.0 -32767     12   34.0   -0.1    0.1   -0.4     0.5    -0.0 -32767.0 -32767.0 -32767.0 -327
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A/C 42, Flgt 060612H, Micro99 date 2006/06/12, Proj hur06                          Run on Mon Sep 10 09:56:00 2007
TIME-M99     LATi1      LONGi1   GSui1    GSvi1    GSi1  RA159   HDGi1 PTCHi1 ROLLi1     PSW    PQF1     TT1      TA1    TDM1      TD1  AXBT1
TIME-CG1     LATi2      LONGi2   GSui2    GSvi2    GSi2  RA232   HDGi2 PTCHi2 ROLLi2     PSF    PQF2     TT2      TA2    TDM2      TD2  AXBT2
TIME-CG2    LATcln     LONGcln  GSucln   GSvcln   GScln ALTcln PRT5SIDE PDAF    PDAR    PQAF    PQSF     TT3      TA3    TDM3      TD3    RH1
TIME-GPS    LATash     LONGash  THETA1   THETAE1   PA1  ALTash PRT5DOWN PDSF    PDSR     PQR     PQW   LWCJW      IAS    WDi1     WSi1   TAS1

14:23:30  27 50.5   -82 31.4     3.5     -2.7     4.4     -5  129.8   -0.7     0.1 1013.3     0.2    23.2     23.2    20.4     20.4  -23.8
14:23:30  27 50.6   -82 31.3     3.5     -2.9     4.5      1  130.0   -0.6    -0.0 1013.8     0.2    23.4     23.4    22.6     22.6  -37.6
14:23:30  27 50.6   -82 31.5     3.8     -3.2     4.9     13   32.6   -1.0    -0.1    0.2     0.3    -0.0     -0.0   -24.1    -26.7   85.3
14:23:29  27 50.6   -82 31.5   295.2    338.5      -4     12   34.0   -0.9     0.1   -0.4     0.6    -0.0     10.2    42.7      1.3    5.3

14:24:00  27 50.5   -82 31.4     0.1      0.3     0.3     -4  130.3   -0.7     0.1 1013.4     0.1    23.1     23.1    20.2     20.2  -24.1
14:24:00  27 50.6   -82 31.3     0.0      0.0     0.0      1  130.4   -0.5     0.0 1013.8     0.0    23.2     23.2    22.0     22.0  -37.6
14:24:00  27 50.6   -82 31.5    -0.0      0.0     0.0     12   32.7   -1.0    -0.1    0.1     0.1    -0.0     -0.0   -24.2    -26.8   84.8
14:23:59  27 50.6   -82 31.5   295.1    337.8      -5     12   33.9   -0.9     0.1   -0.4     0.1    -0.0      5.9    84.3      2.5    3.1

14:24:30  27 50.5   -82 31.4     0.1      0.3     0.3     -4  130.2   -0.7     0.1 1013.3    -0.0    23.0 -32767.0    20.0     20.0  -24.2
14:24:30  27 50.6   -82 31.3     0.0      0.0     0.0      1  130.4   -0.6     0.0 1013.8    -0.0    23.1 -32767.0    21.7     21.7  -37.6
14:24:30  27 50.6   -82 31.5    -0.0      0.0     0.0     12   32.6   -1.0    -0.1    0.1     0.0    -0.0 -32767.0   -24.2    -26.8 -32767.0
14:24:29  27 50.6   -82 31.5 -32767.0 -32767.0 -32767      11   33.9   -1.0     0.1   -0.4     0.0    -0.0 -32767.0 -32767.0 -32767.0 -327

14:25:00  27 50.5   -82 31.4     0.1      0.3     0.3     -4  130.2   -0.7     0.1 1013.4     0.0    23.0     23.0    19.9     19.9  -23.6
14:25:00  27 50.6   -82 31.3     0.0      0.0     0.0      1  130.4   -0.6     0.0 1013.7     0.0    23.1     23.1    21.7     21.7  -37.6
14:25:00  27 50.6   -82 31.5     0.0      0.0     0.0     13   32.6   -1.1    -0.1    0.1     0.1    -0.0     -0.0   -24.2    -26.9   83.8
14:24:59  27 50.6   -82 31.5   295.0    336.8      -4     11   34.0   -1.1     0.1   -0.4     0.0    -0.0      3.6   186.1      1.7    1.9

14:25:30  27 50.5   -82 31.4     0.1      0.3     0.3     -4  130.2   -0.7     0.1 1013.4     0.2    22.9     22.9    19.7     19.7  -23.8
14:25:30  27 50.6   -82 31.3     0.0      0.0     0.0      1  130.4   -0.5     0.0 1013.7     0.2    23.1     23.1    22.1     22.1  -37.6
14:25:30  27 50.6   -82 31.5    -0.0      0.0     0.0     12   32.6   -1.2    -0.1    0.1     0.1    -0.0     -0.0   -24.2    -26.8   83.1
14:25:29  27 50.6   -82 31.5   294.9    336.3      -4     11   34.0   -0.4     0.1   -0.4     0.1    -0.0     10.2   135.3      0.6    5.3

14:26:00  27 50.5   -82 31.4     0.1      0.3     0.3     -4  130.3   -0.7     0.1 1013.3     0.1    22.9     22.9    19.6     19.6  -23.9
14:26:00  27 50.6   -82 31.3     0.0      0.0     0.0      1  130.4   -0.5     0.0 1013.7     0.1    23.1     23.1    21.8     21.8  -37.6
14:26:00  27 50.6   -82 31.5    -0.0      0.0     0.0     10   32.8   -1.2    -0.1    0.0     0.0    -0.0     -0.0   -24.3    -26.9   82.3
14:25:59  27 50.6   -82 31.5   294.9    336.0      -3     11   34.0   -0.5     0.1   -0.4     0.1    -0.0      9.1    60.5      4.5    4.7

14:26:30  27 50.5   -82 31.4     0.1      0.3     0.3     -4  130.2   -0.7     0.1 1013.4     0.1    22.9     22.9    19.4     19.4  -24.1
14:26:30  27 50.6   -82 31.3     0.0      0.0     0.0      1  130.4   -0.6     0.0 1013.7     0.1    23.0     23.0    21.9     21.9  -37.6
14:26:30  27 50.6   -82 31.5     0.0      0.0     0.0     10   32.7   -0.0    -0.1    0.1     0.1    -0.0     -0.0   -24.3    -26.9   81.8
14:26:29  27 50.6   -82 31.5   294.9    335.6      -4     11   34.0   -0.5     0.1   -0.4     0.1    -0.0      9.1    95.7      4.7    4.7

14:27:00  27 50.5   -82 31.3     4.1      2.9     5.1     -5   51.8   -0.4    -0.5 1013.4     0.5    22.9     22.8    19.3     19.3  -24.0
14:27:00  27 50.6   -82 31.3     4.0      2.6     4.8      1   52.4   -0.3    -0.5 1013.7     0.5    23.1     23.1    22.5     22.5  -37.6
14:27:00  27 50.6   -82 31.5     4.1      1.9     4.5     14   32.8   -0.0    -0.1    0.3     0.5    -0.0     -0.0   -24.2    -26.8   81.3
14:26:59  27 50.6   -82 31.5   294.9    335.2      -4     11   34.0    0.0     0.1   -0.4     0.2    -0.0     17.0    48.9      3.8    8.9

14:27:30  27 50.6   -82 31.2     6.2      7.5     9.7     -4   40.2   -0.3    -0.1 1013.2     0.7    22.9     22.9    19.2     19.2  -23.7
14:27:30  27 50.6   -82 31.2     6.1      7.2     9.4      1   40.4   -0.2    -0.2 1013.7     0.7    23.2     23.1    22.6     22.6  -37.6
14:27:30  27 50.7   -82 31.4     6.1      7.1     9.4     16   32.6   -0.3    -0.1    0.9     1.0    -0.0     -0.1   -24.2    -26.8   80.8
14:27:29  27 50.7   -82 31.4   294.9    334.9      -4     12   34.0    2.0     0.1   -0.4     1.0    -0.0     20.9   111.1      2.8   10.9

14:28:00  27 50.8   -82 31.1     6.9      8.4    10.9     -5   40.3   -0.5    -0.4 1013.1     0.9    23.2     23.1    19.1     19.1  -23.1
14:28:00  27 50.8   -82 31.1     6.8      8.0    10.5      1   40.5   -0.4    -0.5 1013.6     0.8    23.3     23.2    22.7     22.7  -37.6
14:28:00  27 50.8   -82 31.3     6.8      8.0    10.5     19   32.7   -0.3    -0.1    1.1     1.0    -0.0     -0.1   -24.2    -26.9   78.9
14:27:59  27 50.8   -82 31.3   295.1    334.9      -3     13   34.0    2.7     0.1   -0.4     1.2    -0.0     23.2   120.3      4.0   12.1
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A/C 42, Flgt 060612H, Micro99 date 2006/06/12, Proj hur06                          Run on Mon Sep 10 09:56:00 2007
TIME-M99     LATi1      LONGi1   GSui1    GSvi1    GSi1  RA159   HDGi1 PTCHi1 ROLLi1     PSW    PQF1     TT1      TA1    TDM1      TD1  AXBT1
TIME-CG1     LATi2      LONGi2   GSui2    GSvi2    GSi2  RA232   HDGi2 PTCHi2 ROLLi2     PSF    PQF2     TT2      TA2    TDM2      TD2  AXBT2
TIME-CG2    LATcln     LONGcln  GSucln   GSvcln   GScln ALTcln PRT5SIDE PDAF    PDAR    PQAF    PQSF     TT3      TA3    TDM3      TD3    RH1
TIME-GPS    LATash     LONGash  THETA1   THETAE1   PA1  ALTash PRT5DOWN PDSF    PDSR     PQR     PQW   LWCJW      IAS    WDi1     WSi1   TAS1

14:28:30  27 50.9   -82 31.0     7.5      9.0    11.7     -4   40.7   -0.5    -0.3 1013.0     1.5    23.2     23.1    19.0     19.0  -24.6
14:28:30  27 50.9   -82 31.0     7.3      8.6    11.3      1   40.8   -0.3    -0.4 1013.6     1.4    23.4     23.2    22.7     22.7  -37.6
14:28:30  27 51.0   -82 31.1     7.3      8.7    11.4     20   32.5   -0.3    -0.1    1.2     1.5    -0.0     -0.1   -24.2    -26.8   78.3
14:28:29  27 51.0   -82 31.1   295.1    334.7      -3     13   34.0    2.8     0.1   -0.4     1.6    -0.0     30.1    86.5      5.2   15.7

14:29:00  27 51.0   -82 30.8     8.5      6.0    10.4     -4   56.3   -0.5    -0.1 1013.1     1.3    23.3     23.2    18.9     18.9  -24.3
14:29:00  27 51.0   -82 30.8     8.4      5.6    10.1      1   56.5   -0.3    -0.2 1013.6     1.3    23.3     23.2    22.7     22.7  -37.6
14:29:00  27 51.1   -82 31.0     8.4      5.7    10.1     17   32.6   -0.2    -0.1    1.3     1.2    -0.0     -0.1   -24.2    -26.8   77.5
14:28:59  27 51.1   -82 31.0   295.2    334.5      -3     13   34.0    1.5     0.1   -0.4     1.5    -0.0     28.3    85.9      4.8   14.8

14:29:30  27 51.1   -82 30.7     9.6      6.8    11.8     -7   56.2   -0.6    -0.0 1013.1     1.2    23.3     23.2    18.8     18.8  -24.4
14:29:30  27 51.1   -82 30.7     9.5      6.4    11.5      1   56.4   -0.5    -0.1 1013.7     1.2    23.3     23.2    22.7     22.7  -37.6
14:29:30  27 51.2   -82 30.8     9.5      6.4    11.5     19   32.6    0.1    -0.1    1.3     1.3    -0.0     -0.1   -24.2    -26.8   77.0
14:29:29  27 51.2   -82 30.8   295.2    334.3      -3     14   34.0    2.5     0.1   -0.4     1.5    -0.0     27.3   115.2      4.1   14.3

14:30:00  27 51.3   -82 30.5     5.3      9.6    11.0     -5   29.4   -0.6    -0.2 1012.9     1.1    23.3     23.2    19.1     19.1  -24.2
14:30:00  27 51.3   -82 30.5     5.1      9.2    10.5      2   29.6   -0.5    -0.3 1013.6     1.0    23.3     23.2    22.1     22.1  -37.6
14:30:00  27 51.3   -82 30.7     5.1      9.2    10.6     17   32.6    0.6    -0.1    0.8     0.8    -0.0     -0.1   -24.2    -26.8   78.5
14:29:59  27 51.3   -82 30.7   295.2    335.1      -3     13   34.0    2.4     0.1   -0.4     1.5    -0.0     25.6   104.4      5.3   13.4

14:30:30  27 51.4   -82 30.4     7.1      6.4     9.6     -5   49.2   -0.4    -0.2 1013.0     1.3    23.3     23.2    20.2     20.2  -24.1
14:30:30  27 51.4   -82 30.4     6.9      6.0     9.2      1   49.4   -0.3    -0.3 1013.4     1.2    23.4     23.3    22.7     22.7  -37.6
14:30:30  27 51.4   -82 30.6     6.9      6.0     9.2     14   32.6    0.2    -0.1    1.1     0.9    -0.0     -0.1   -24.2    -26.8   83.9
14:30:29  27 51.4   -82 30.6   295.3    337.9      -1     13   34.0    2.1     0.1   -0.4     1.4    -0.0     28.1    92.0      6.2   14.7

14:31:00  27 51.5   -82 30.3     6.3      6.1     8.8     -6   47.5   -0.8    -0.9 1013.0     0.8    23.4     23.3    20.3     20.3  -23.5
14:31:00  27 51.5   -82 30.3     6.2      5.7     8.4      1   47.7   -0.7    -1.0 1013.7     0.8    23.4     23.3    22.8     22.8  -37.6
14:31:00  27 51.5   -82 30.5     6.3      5.7     8.5     15   32.6   -0.4    -0.1    1.0     1.0    -0.0     -0.1   -24.2    -26.8   84.5
14:30:59  27 51.5   -82 30.5   295.3    338.4      -4     13   34.0    2.2     0.1   -0.4     1.3    -0.0     22.3   102.4      4.2   11.7

14:31:30  27 51.6   -82 30.3    -5.2      4.8     7.1     -6  308.9   -0.2    -0.0 1013.3     0.0    23.4     23.4    20.0     20.0  -24.0
14:31:30  27 51.5   -82 30.3    -5.4      4.3     6.9      1  309.2   -0.1    -0.1 1013.5    -0.0    23.6     23.6    22.8     22.8  -37.6
14:31:30  27 51.6   -82 30.5    -5.2      4.3     6.7     15   32.7   -0.8    -0.1    0.1    -0.0    -0.0     -0.0   -24.1    -26.8   82.0
14:31:29  27 51.6   -82 30.5   295.4    337.6      -2     14   34.0    0.4     0.1   -0.4     0.1    -0.0      4.1   145.7      5.9    2.1

14:32:00  27 51.6   -82 30.4     0.1      0.5     0.5     -5  309.2   -0.6     0.0 1013.4     0.1    23.4     23.4    19.9     19.9  -23.7
14:32:00  27 51.6   -82 30.4    -0.0      0.0     0.0      2  309.4   -0.5    -0.0 1013.4     0.1    23.7     23.7    22.5     22.5  -37.6
14:32:00  27 51.6   -82 30.5    -0.0      0.0     0.0     13   32.6    0.1    -0.1   -0.4     0.0    -0.0     -0.0   -24.2    -26.8   81.2
14:31:59  27 51.6   -82 30.5   295.5    337.3      -1     13   34.0   -0.1     0.1   -0.4    -0.0    -0.0      8.0   275.0      4.2    4.2

14:32:30  27 51.6   -82 30.4     0.1      0.5     0.5     -5  309.2   -0.6     0.0 1013.1    -0.3    23.3 -32767.0    19.8     19.8  -23.9
14:32:30  27 51.6   -82 30.4    -0.0      0.0     0.0      2  309.4   -0.5    -0.1 1013.7    -0.4    23.5 -32767.0    22.7     22.7  -37.6
14:32:30  27 51.6   -82 30.5    -0.0      0.0     0.0     12   32.6    0.0    -0.1   -0.4    -0.0    -0.0 -32767.0   -24.2    -26.8 -32767.0
14:32:29  27 51.6   -82 30.5 -32767.0 -32767.0 -32767      13   34.0   -0.1     0.1   -0.4     0.1    -0.0 -32767.0 -32767.0 -32767.0 -327

14:33:00  27 51.6   -82 30.4     0.1      0.5     0.5     -5  309.2   -0.6     0.0 1013.4    -0.3    23.3 -32767.0    19.7     19.7  -23.8
14:33:00  27 51.6   -82 30.4    -0.0      0.0     0.0      1  309.4   -0.5    -0.1 1013.6    -0.3    23.5 -32767.0    22.7     22.7  -37.6
14:33:00  27 51.6   -82 30.5    -0.0      0.0     0.0     12   32.5    0.2    -0.1   -0.4    -0.0    -0.0 -32767.0   -24.2    -26.9 -32767.0
14:32:59  27 51.6   -82 30.5 -32767.0 -32767.0 -32767      13   34.1   -0.3     0.1   -0.4    -0.0    -0.0 -32767.0 -32767.0 -32767.0 -327
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A/C 42, Flgt 060612H, Micro99 date 2006/06/12, Proj hur06                          Run on Mon Sep 10 09:56:00 2007
TIME-M99     LATi1      LONGi1   GSui1    GSvi1    GSi1  RA159   HDGi1 PTCHi1 ROLLi1     PSW    PQF1     TT1      TA1    TDM1      TD1  AXBT1
TIME-CG1     LATi2      LONGi2   GSui2    GSvi2    GSi2  RA232   HDGi2 PTCHi2 ROLLi2     PSF    PQF2     TT2      TA2    TDM2      TD2  AXBT2
TIME-CG2    LATcln     LONGcln  GSucln   GSvcln   GScln ALTcln PRT5SIDE PDAF    PDAR    PQAF    PQSF     TT3      TA3    TDM3      TD3    RH1
TIME-GPS    LATash     LONGash  THETA1   THETAE1   PA1  ALTash PRT5DOWN PDSF    PDSR     PQR     PQW   LWCJW      IAS    WDi1     WSi1   TAS1

14:33:30  27 51.7   -82 30.4    -3.7      3.6     5.1     -5  308.8   -0.1    -0.0 1013.4    -0.0    23.3 -32767.0    19.6     19.6  -23.8
14:33:30  27 51.6   -82 30.4    -3.9      3.1     4.9      1  308.9   -0.0    -0.1 1013.6    -0.1    23.5 -32767.0    23.0     23.0  -37.6
14:33:30  27 51.6   -82 30.6    -3.7      3.0     4.8     13   32.4   -0.2    -0.1    0.7    -0.0    -0.0 -32767.0   -24.2    -26.8 -32767.0
14:33:29  27 51.6   -82 30.6 -32767.0 -32767.0 -32767      13   34.0   -0.4     0.1   -0.4    -0.0    -0.0 -32767.0 -32767.0 -32767.0 -327

14:34:00  27 51.6   -82 30.5   -15.9    -18.5    24.3     -5  219.9   -1.1     0.0 1013.1     3.1    24.0     23.7    19.6     19.6  -24.5
14:34:00  27 51.6   -82 30.5   -16.1    -19.0    24.9      1  220.2   -0.9    -0.1 1013.6     3.0    24.5     24.2    23.1     23.1  -37.2
14:34:00  27 51.6   -82 30.7   -14.8    -17.8    23.2     13   32.5   -1.5    -0.1    3.4     3.5    -0.0     -0.2   -24.1    -26.8   78.4
14:33:59  27 51.6   -82 30.6   295.7    336.8      -3     14   34.0   -4.8     0.1   -0.4     3.0    -0.0     43.6   105.3      4.3   22.8

14:34:30  27 50.9   -82 31.1   -50.8    -59.1    77.9      1  212.9    6.0     2.3*1010.5    31.3    25.9     23.4    20.7     20.7  -24.5
14:34:30  27 50.9   -82 31.2   -51.0    -59.6    78.5     11  213.2    6.1     2.2*1013.0    31.4    26.1     23.5    23.0     23.0  -37.0
14:34:30  27 50.9   -82 31.3   -51.5    -58.9    78.2     20   32.5    9.7    -0.1   34.5    36.3    -0.0     -2.4   -24.1    -26.7   85.9
14:34:29  27 50.9   -82 31.3   295.4    339.5       2     23   34.1   13.6     0.1   -0.4*   33.5    -0.0    138.5    90.3      8.9   72.5

14:35:00  27 49.9   -82 32.2   -63.9    -76.1    99.3     99  214.0*   8.2    -5.6* 999.0    52.0    27.2     23.0    19.9     19.9  -21.9
14:35:00  27 49.8   -82 32.2   -64.0    -76.7    99.9    108  214.3*   8.3    -5.7*1002.4    52.0    27.4     23.1    22.5     22.5  -36.9
14:35:00  27 49.9   -82 32.4   -64.9    -75.9    99.8    113   32.4   18.1    -0.1   54.4    58.9    -0.0     -3.9   -24.2    -26.8   83.3
14:34:59  27 50.1   -82 32.1   296.0    338.4      91     92   34.0   -5.8     0.1   -0.4*   54.6    -0.0    177.8    96.5     12.0   93.5

14:35:30  27 48.4   -82 33.0   -28.2    -95.6    99.7    357  189.1*   7.5    -4.8* 970.0    60.2    26.4     21.5    18.4     18.4  -23.3
14:35:30  27 48.3   -82 33.0   -28.4    -96.2   100.3    363  189.3*   7.7    -4.9* 973.1    60.2    26.6     21.5    21.3     21.3  -36.9
14:35:30  27 48.4   -82 33.2   -29.1    -96.1   100.4    364   32.3    3.3    -0.1   61.9    66.7    -0.0     -4.6   -24.1    -26.8   83.5
14:35:29  27 48.8*  -82 33.0   296.9    336.9     339    293*  34.1   -5.9     0.1   -0.4*   62.7    -0.0    190.9   109.3     13.4  101.6

14:36:00  27 46.8   -82 33.3   -17.0    -95.7    97.2    488  184.8    4.4*   -0.3* 955.1    63.7    27.2     21.9    19.4     19.4  -22.7
14:36:00  27 46.7   -82 33.4   -17.2    -96.3    97.8    495  185.0    4.5*   -0.4* 958.7    63.7    27.3     21.8    21.7     21.7  -36.9
14:36:00  27 46.8   -82 33.5   -17.2    -96.4    98.0    501   32.2   13.3    -0.1   64.6    70.5    -0.0     -5.0   -24.2    -26.9   86.7
14:35:59  27 46.8   -82 33.5   298.6    342.2     464    502   34.0  -12.4     0.1   -0.4*   66.9    -0.0    196.4   133.1     13.8  105.3

14:36:30  27 45.3   -82 33.7   -22.0    -90.9    93.5    765  186.1    6.6     3.5  925.3    63.2    26.1     20.6    17.4     17.4  -22.4
14:36:30  27 45.2   -82 33.7   -22.2    -91.5    94.2    768  186.4    6.7     3.4  928.9    63.2    26.2     20.7    20.0     20.0  -37.1
14:36:30  27 45.3   -82 33.9   -21.9    -91.5    94.1    771   32.2    6.9    -0.1   65.2    69.9    -0.0     -5.1   -24.2    -26.8   82.6
14:36:29  27 45.3   -82 33.9   300.0    339.9     727    772   34.0   -0.2     0.1   -0.4*   66.2    -0.0    195.5   143.3     18.1  106.3

14:37:00  27 43.9   -82 34.1   -19.9    -94.2    96.3    998  186.7*   4.2    -1.9* 900.9    68.0    25.2     19.3    17.4     17.4  -23.6
14:37:00  27 43.7   -82 34.2   -20.1    -94.8    96.9   1000  186.9*   4.3    -2.0* 904.3    68.0    25.4     19.3    19.9     19.9  -37.0
14:37:00  27 43.8   -82 34.3   -20.3    -94.6    96.7   1005   32.1   -2.4    -0.1   68.7    74.6    -0.0     -5.6   -24.2    -26.8   90.2
14:36:59  27 43.8   -82 34.3   300.9    342.2     949   1003   34.0  -13.2     0.1   -0.4*   71.0    -0.0    202.7   151.8     18.8  111.4

14:37:30  27 42.5   -82 34.8   -60.9    -67.4    90.8   1370  211.8*   9.6*   12.4* 863.1    56.2    22.4     17.2    11.8     11.8  -22.1
14:37:30  27 42.3   -82 34.9   -61.1    -68.0    91.4   1363  211.9*   9.7*   12.3* 866.7    56.2    22.3     17.1    15.8     15.8  -37.0
14:37:30  27 42.4   -82 35.0   -60.4    -68.7    91.5   1365   -6.7    0.2    -0.1   58.1    62.4    -0.0     -4.9   -24.2    -26.8   71.2
14:37:29  27 42.4   -82 35.0   302.5    332.7    1298   1366   20.4   -1.7     0.1   -0.4*   59.2    -0.0    184.6   158.4     21.6  103.1

14:38:00  27 41.6   -82 36.3   -97.5    -35.4   103.8   1558  239.2*   6.5     9.5* 844.4    62.7    22.3     16.5    13.0     13.0  -23.4
14:38:00  27 41.4   -82 36.4   -97.8    -36.1   104.2   1553  239.4*   6.6     9.4* 847.8    62.7    22.1     16.2    15.8     15.8  -37.1
14:38:00  27 41.5   -82 36.5   -97.4    -37.0   104.2   1555   16.3    4.8    -0.1   63.7    69.3    -0.0     -5.5   -24.2    -26.9   80.8
14:37:59  27 41.5   -82 36.5   303.6    337.0    1478   1557   22.2   -5.5     0.1   -0.4*   65.8    -0.0    194.8   169.0     22.5  109.8
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A/C 42, Flgt 060612H, Micro99 date 2006/06/12, Proj hur06                          Run on Mon Sep 10 09:56:00 2007
TIME-M99     LATi1      LONGi1   GSui1    GSvi1    GSi1  RA159   HDGi1 PTCHi1 ROLLi1     PSW    PQF1     TT1      TA1    TDM1      TD1  AXBT1
TIME-CG1     LATi2      LONGi2   GSui2    GSvi2    GSi2  RA232   HDGi2 PTCHi2 ROLLi2     PSF    PQF2     TT2      TA2    TDM2      TD2  AXBT2
TIME-CG2    LATcln     LONGcln  GSucln   GSvcln   GScln ALTcln PRT5SIDE PDAF    PDAR    PQAF    PQSF     TT3      TA3    TDM3      TD3    RH1
TIME-GPS    LATash     LONGash  THETA1   THETAE1   PA1  ALTash PRT5DOWN PDSF    PDSR     PQR     PQW   LWCJW      IAS    WDi1     WSi1   TAS1

14:38:30  27 41.5   -82 38.3  -121.4     13.4   122.2   1680  267.2    4.1     5.4  832.0    67.9    21.6     15.2    13.9     13.9  -24.5
14:38:30  27 41.3   -82 38.4  -121.7     12.7   122.4   1675  267.4    4.2     5.3  835.3    67.9    20.8     14.3    16.4     16.4  -37.1
14:38:30  27 41.3   -82 38.5  -121.6     12.3   122.3   1682   15.1    2.8    -0.1   68.5    74.8    -0.0     -6.0   -24.1    -26.7   93.3
14:38:29  27 41.3   -82 38.4   303.6    339.6    1600   1672   16.0   -8.7     0.1   -0.4*   71.2    -0.0    202.6   161.7     22.0  114.8

14:39:00  27 41.6   -82 40.5  -118.1     -0.1   118.1   1935  262.3    8.1    -1.7* 806.9    69.3    20.4     13.8    13.1     13.1  -24.0
14:39:00  27 41.4   -82 40.6  -118.4     -0.8   118.4   1931  262.5    8.2    -1.8* 810.5    69.3    20.2     13.4    13.9     13.9  -37.3
14:39:00  27 41.5   -82 40.7  -119.1     -0.4   119.1   1933   13.3    3.5    -0.1   69.5    76.1    -0.0     -6.3   -24.1    -26.8   97.3
14:38:59  27 41.5   -82 40.7   304.6    340.1    1844   1935   15.4  -12.0     0.1   -0.4*   72.9    -0.0    204.7   171.6     17.6  117.4

14:39:30  27 41.7   -82 42.7  -118.2     14.3   119.0   2169  267.2    5.2    -2.0  784.8    65.7    19.4     13.0    11.4     11.4  -23.9
14:39:30  27 41.5   -82 42.7  -118.5     13.6   119.2   2167  267.3    5.3    -2.1  788.5    65.7    19.2     12.7    14.1     14.1  -37.5
14:39:30  27 41.6   -82 42.9  -118.6     13.7   119.4   2174   12.5    3.9    -0.1   65.9    72.5    -0.0     -6.2   -24.2    -26.8   91.5
14:39:29  27 41.5   -82 42.0   306.2    338.9    2065   2136   13.4  -16.5     0.1   -0.4*   68.9    -0.4    199.3   172.7     22.9  115.7

14:40:00  27 41.9   -82 44.8  -115.4     16.4   116.5   2394  269.4    3.7*   -0.3* 764.6    60.5    18.2     12.1    10.6     10.6  -24.1
14:40:00  27 41.7   -82 44.9  -115.7     15.7   116.7   2389  269.6    3.8*   -0.4* 768.2    60.5    18.0     11.7    13.2     13.2  -37.5
14:40:00  27 41.8   -82 45.0  -115.7     15.8   116.7   2393   11.8   -7.0    -0.1   61.4    66.7    -0.0     -5.8   -24.2    -26.8   92.1
14:39:59  27 41.8   -82 45.0   307.5    339.7    2275   2391   12.4   -9.9     0.1   -0.4*   64.2    -0.0    191.4   170.9     19.6  112.4

14:40:30  27 42.2   -82 47.0  -119.3     12.5   120.0   2536  265.5    6.0    -0.4* 751.3    68.6    19.1     12.1     9.3      9.3  -23.9
14:40:30  27 41.9   -82 47.1  -119.6     11.8   120.2   2514  265.8    6.1    -0.5* 755.3    68.6    18.9     11.7    12.0     12.0  -37.5
14:40:30  27 42.0   -82 47.2  -120.1     11.9   120.7   2533   11.6   -0.2    -0.1   69.1    75.5    -0.0     -6.7   -24.2    -26.8   84.1
14:40:29  27 42.0   -82 46.9   309.0    339.2    2410   2505   18.9   -7.5     0.1   -0.4*   72.2    -0.5    203.5   180.8     23.0  120.4

14:41:00  27 42.3   -82 49.1  -117.1      7.5   117.3   2740  264.5*   3.9     7.4* 733.5    65.9    17.7     10.9     8.9      8.9  -24.1
14:41:00  27 42.1   -82 49.2  -117.4      6.8   117.6   2714  264.7*   4.0     7.3* 737.6    65.9    17.5     10.5    11.6     11.6  -37.4
14:41:00  27 42.1   -82 49.3  -117.5      5.6   117.6   2734   10.4    0.4    -0.1   66.3    72.7    -0.0     -6.6   -24.2    -26.8   88.7
14:40:59  27 42.1   -82 49.3*  309.8    339.8    2599   2732*  15.6  -11.3     0.1   -0.4*   69.7    -0.5    199.6   183.2     21.5  119.2

14:41:30  27 42.5   -82 51.3  -120.9     13.0   121.6   2867  267.1    4.1     0.1* 722.3    66.8    17.4     10.4     8.2      8.2  -23.6
14:41:30  27 42.3   -82 51.4  -121.2     12.2   121.8   2841  267.3    4.2     0.0* 726.4    66.8    17.1     10.0    10.9     10.9  -36.9
14:41:30  27 42.3   -82 51.5  -121.4     12.2   122.0   2864    9.9    0.0    -0.1   67.0    73.6    -0.0     -6.8   -24.1    -26.8   87.5
14:41:29  27 42.3   -82 51.0   310.6    339.9    2721   2818   14.9  -10.8     0.1   -0.4*   70.4    -0.5    201.0   178.8     20.9  120.8

14:42:00  27 42.7   -82 53.5  -123.6     12.3   124.2   2998  265.8    3.9    -2.3* 710.8    68.6    16.5      9.2     7.1      7.1  -23.6
14:42:00  27 42.4   -82 53.6  -123.9     11.5   124.4   2974  266.0    4.0    -2.3* 715.0    68.6    15.8      8.4    10.0     10.0  -37.6
14:42:00  27 42.5   -82 53.8  -124.1     11.8   124.7   2997    8.7   -1.5    -0.1   68.7    75.4    -0.0     -7.1   -24.2    -26.8   88.2
14:41:59  27 42.5   -82 53.8   310.7    338.4    2845   2993   12.4  -13.6     0.1   -0.4*   72.5    -0.5    203.6   177.2     23.5  123.0

14:42:30  27 42.8   -82 55.8  -126.2     12.5   126.8   3124  269.0*   3.2     6.1* 700.0    69.2    16.8      9.3     6.4      6.4  -24.8
14:42:30  27 42.5   -82 55.9  -126.5     11.7   127.0   3098  269.2*   3.3     6.0* 704.3    69.3    16.4      8.7     9.3      9.3  -37.5
14:42:30  27 42.6   -82 56.0  -126.7     11.0   127.2   3121    8.7   -2.2    -0.1   69.4    76.0    -0.0     -7.2   -24.2    -26.8   82.9
14:42:29  27 42.6   -82 56.1   312.2    339.0    2964   3117   15.0  -10.3     0.1   -0.4*   73.7    -0.5    204.5   173.8     17.0  124.5

14:43:00  27 43.0   -82 58.1  -125.7      7.3   125.9   3178  266.5*   3.6    -4.0* 695.4    69.6    16.6      9.0     5.0      5.0  -23.9
14:43:00  27 42.8   -82 58.2  -126.0      6.5   126.2   3154  266.7*   3.7    -4.2* 699.4    69.6    16.3      8.6     8.2      8.2  -37.6
14:43:00  27 42.8   -82 58.4  -126.6      7.0   126.8   3178    8.0    4.1    -0.1   69.3    76.4    -0.0     -7.3   -24.2    -26.8   76.6
14:42:59  27 42.8   -82 58.2   312.5    337.1    3018   3171   15.2  -12.8     0.1   -0.4*   72.9    -0.5    205.1   176.7     16.8  125.1
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A/C 42, Flgt 060612H, Micro99 date 2006/06/12, Proj hur06                          Run on Mon Sep 10 09:56:00 2007
TIME-M99   LATi1     LONGi1   GSui1   GSvi1   GSi1  RA159  HDGi1 PTCHi1 ROLLi1   PSW    PQF1    TT1    TA1   TDM1    TD1  AXBT1
TIME-CG1   LATi2     LONGi2   GSui2   GSvi2   GSi2  RA232  HDGi2 PTCHi2 ROLLi2   PSF    PQF2    TT2    TA2   TDM2    TD2  AXBT2
TIME-CG2   LATcln    LONGcln  GSucln  GSvcln  GScln ALTcln PRT5SIDE PDAF  PDAR   PQAF   PQSF    TT3    TA3   TDM3    TD3  RH1
TIME-GPS   LATash    LONGash  THETA1  THETAE1 PA1   ALTash PRT5DOWN PDSF  PDSR   PQR    PQW   LWCJW   IAS   WDi1   WSi1  TAS1

14:43:30  27 43.2  -83  0.4  -124.5   12.5  125.2  3183  269.8    2.2    1.6  695.0   65.4   15.4    8.3    6.2    6.2  -24.2
14:43:30  27 42.9  -83  0.5  -124.8   11.7  125.3  3155  270.0    2.3    1.5  698.8   65.4   15.1    7.9    9.0    9.0  -37.6
14:43:30  27 43.0  -83  0.6  -125.1   11.5  125.6  3183    7.8    4.9   -0.1   65.2   71.3   -0.0   -6.9  -24.2  -26.8   88.2
14:43:29  27 42.9  -83  0.4   311.7  338.5   3026  3182   14.5  -12.2    0.1  -0.4*   68.6   -0.5  198.9  167.8   15.5  121.3

14:44:00  27 43.3  -83  2.7  -127.2    6.9  127.4  3181  265.4    2.2   -1.1  695.0   68.7   15.4    8.0    6.2    6.2  -23.6
14:44:00  27 43.0  -83  2.8  -127.5    6.1  127.6  3155  265.6    2.3   -1.2  698.8   68.7   15.1    7.5    8.9    8.9  -37.6
14:44:00  27 43.1  -83  2.9  -127.8    6.2  127.9  3181    7.5    1.4   -0.1   68.5   74.8   -0.0   -7.2  -24.2  -26.8   89.7
14:43:59  27 43.1  -83  3.0   311.4  338.2   3025  3175   13.0  -10.4    0.1  -0.4*   72.0   -0.5  203.7  168.9   18.9  124.1

14:44:30  27 43.4  -83  5.0  -129.2    5.0  129.3  3181  265.4    2.2   -1.9  695.0   70.6   16.3    8.7    6.2    6.2  -23.8
14:44:30  27 43.1  -83  5.2  -129.5    4.2  129.6  3155  265.6    2.3   -2.0  699.0   70.6   16.2    8.4    8.9    8.9  -37.6
14:44:30  27 43.2  -83  5.3  -129.8    4.6  129.9  3180    7.8    0.5   -0.1   70.5   76.9   -0.0   -7.4  -24.2  -26.8   85.2
14:44:29  27 43.2  -83  5.3   312.2  338.9   3024  3174   13.2   -8.7    0.1  -0.4*   74.1   -0.5  206.5  167.0   16.9  126.0

14:45:00  27 43.5  -83  7.4  -131.3    3.9  131.4  3183  264.9    1.9   -0.9  694.8   72.5   16.4    8.6    6.2    6.2  -24.0
14:45:00  27 43.2  -83  7.5  -131.6    3.2  131.6  3154  265.1    2.0   -1.0  698.8   72.5   16.2    8.1    8.8    8.8  -37.6
14:45:00  27 43.3  -83  7.7  -131.8    3.3  131.9  3183    7.7   -1.3   -0.1   72.3   78.8   -0.0   -7.6  -24.2  -26.9   86.1
14:44:59  27 43.2  -83  7.2   312.1  338.8   3026  3175   13.4   -8.8    0.1  -0.4*   75.9   -0.5  209.1  165.1   17.1  127.5

14:45:30  27 43.6  -83  9.8  -134.1    3.2  134.1  3181  264.8    1.8   -1.3  694.7   75.6   16.5    8.4    6.1    6.1  -23.2
14:45:30  27 43.2  -83 10.0  -134.3    2.5  134.3  3153  264.9    2.0   -1.4  699.0   75.6   16.0    7.7    9.0    9.0  -37.6
14:45:30  27 43.3  -83 10.1  -134.6    2.7  134.6  3184    7.7   -4.1   -0.1   75.6   82.2   -0.0   -7.9  -24.2  -26.8   86.7
14:45:29  27 43.3  -83 10.1   311.9  338.5   3023  3174   12.3   -7.9    0.1  -0.4*   79.5   -0.5  213.4  164.2   16.9  130.1

14:46:00  27 43.6  -83 12.2  -135.7    3.0  135.7  3184  264.1    1.6   -0.2  694.5   75.3   16.2    8.1    6.2    6.2  -23.5
14:46:00  27 43.3  -83 12.4  -135.9    2.2  135.9  3155  264.3    1.7   -0.3  698.9   75.3   16.0    7.7    9.0    9.0  -37.4
14:46:00  27 43.3  -83 12.6  -136.2    2.4  136.2  3184    7.5   -4.7   -0.1   75.4   81.9   -0.0   -7.9  -24.2  -26.8   89.3
14:45:59  27 43.3  -83 12.6   311.5  338.3   3024  3176   13.1   -5.5    0.1  -0.4*   79.3   -0.5  213.1  158.9   18.4  129.8

14:46:30  27 43.7  -83 14.7  -136.6    5.4  136.7  3185  264.0    1.7    0.2  694.3   75.8   16.3    8.2    5.9    5.9  -24.0
14:46:30  27 43.3  -83 14.9  -136.8    4.7  136.9  3158  264.2    1.8    0.0  698.8   75.8   16.1    7.7    8.7    8.7  -37.5
14:46:30  27 43.4  -83 15.1  -137.1    4.8  137.2  3185    7.5   -5.9   -0.1   76.3   82.4   -0.0   -7.9  -24.2  -26.9   87.1
14:46:29  27 43.4  -83 15.1   311.6  337.8   3026  3177   16.5   -0.8    0.1  -0.4*   79.9   -0.5  213.8  159.8   20.3  130.3

14:47:00  27 43.8  -83 17.2  -137.3    5.8  137.4  3184  265.1    1.5   -0.6  694.3   76.8   16.1    7.9    6.5    6.5  -24.2
14:47:00  27 43.4  -83 17.4  -137.5    5.0  137.6  3157  265.3    1.6   -0.7  698.7   76.8   15.9    7.4    9.1    9.1  -37.6
14:47:00  27 43.5  -83 17.6  -137.8    5.2  137.9  3185    7.1   -6.2   -0.1   77.1   83.6   -0.0   -8.0  -24.1  -26.8   92.3
14:46:59  27 43.5  -83 17.4   311.3  338.4   3026  3178   15.6   -2.3    0.1  -0.4*   81.0   -0.5  215.1  158.5   18.4  131.0

14:47:30  27 43.8  -83 19.7  -139.0    3.3  139.1  3184  263.9    1.3    0.7  694.2   78.0   17.7    9.3    6.5    6.5  -23.7
14:47:30  27 43.4  -83 20.0  -139.3    2.5  139.3  3157  264.0    1.4    0.7  698.8   78.0   17.6    8.9    9.1    9.1  -37.6
14:47:30  27 43.5  -83 20.1  -139.5    2.6  139.5  3185    8.3   -7.1   -0.1   77.9   84.7   -0.0   -8.1  -24.1  -26.8   83.6
14:47:29  27 43.5  -83 20.1   312.9  340.2   3026  3177   15.6   -8.3    0.1  -0.4*   81.8   -0.5  216.8  158.1   20.3  132.3

14:48:00  27 44.0  -83 22.3  -143.8   30.7  147.0  3130  276.1*   1.0*  -6.2  699.0   80.4   17.0    8.5    7.2    7.2  -23.8
14:48:00  27 43.7  -83 22.5  -144.0   29.9  147.1  3099  276.3*   1.1*  -6.2  703.6   80.4   16.8    8.0    9.7    9.7  -37.6
14:48:00  27 43.7  -83 22.7  -144.1   30.6  147.3  3128    7.6    1.1   -0.1   78.7   87.6   -0.0   -8.3  -24.1  -26.8   92.7
14:47:59  27 43.7  -83 22.7   311.3  339.6   2972  3121   15.5  -26.0    0.1  -0.4*   84.6   -0.5  220.0  152.5   22.9  133.7
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A/C 42, Flgt 060612H, Micro99 date 2006/06/12, Proj hur06                          Run on Mon Sep 10 09:56:00 2007
TIME-M99   LATi1     LONGi1   GSui1   GSvi1   GSi1  RA159  HDGi1 PTCHi1 ROLLi1   PSW    PQF1    TT1    TA1   TDM1    TD1  AXBT1
TIME-CG1   LATi2     LONGi2   GSui2   GSvi2   GSi2  RA232  HDGi2 PTCHi2 ROLLi2   PSF    PQF2    TT2    TA2   TDM2    TD2  AXBT2
TIME-CG2   LATcln    LONGcln  GSucln  GSvcln  GScln ALTcln PRT5SIDE PDAF  PDAR   PQAF   PQSF    TT3    TA3   TDM3    TD3  RH1
TIME-GPS   LATash    LONGash  THETA1  THETAE1 PA1   ALTash PRT5DOWN PDSF  PDSR   PQR    PQW   LWCJW   IAS   WDi1   WSi1  TAS1

14:48:30  27 44.3  -83 24.9  -136.9   -9.0  137.2  3166  257.3*   2.2  -17.5* 696.0   76.0   16.2    8.1    7.2    7.2  -23.6
14:48:30  27 43.9  -83 25.1  -137.1   -9.8  137.4  3140  257.6*   2.3  -17.6* 700.1   76.0   15.9    7.5    9.8    9.8  -37.6
14:48:30  27 44.0  -83 25.3  -137.8   -7.9  138.0  3163    7.4   -5.7   -0.1   75.3   83.1   -0.0   -7.9  -24.2  -26.8   95.7
14:48:29  27 44.0  -83 25.3   311.3  339.8   3011  3157    9.0  -20.2    0.1  -0.4*   80.1   -0.4  214.1  154.7   23.9  130.3

14:49:00  27 43.7  -83 27.1  -121.1  -44.3  128.9  3217  238.3*   1.2*   3.2* 691.0   79.7   15.8    7.2    7.5    7.5  -29.8
14:49:00  27 43.3  -83 27.4  -121.2  -45.1  129.3  3192  238.5*   1.3*   3.1* 695.9   79.7   15.3    6.5   10.1   10.1  -37.4
14:49:00  27 43.4  -83 27.5  -120.9  -46.3  129.4  3213    7.6  -21.7   -0.1   77.9   87.0   -0.0   -8.3  -24.1  -26.7  103.5
14:48:59  27 43.5  -83 27.4   310.9  340.1   3058  3201    9.2  -34.4*   0.1  -0.4*   83.1   -0.2  219.0  160.8   32.7  133.5

14:49:30  27 43.0  -83 29.3  -114.1  -52.3  125.5  3247  234.7*   0.6  -12.5* 688.8   78.0   16.7    8.3    8.2    8.2  -23.0
14:49:30  27 42.6  -83 29.6  -114.2  -53.0  125.9  3220  234.9*   0.7  -12.6* 693.0   78.0   15.7    7.1   10.6   10.6  -37.3
14:49:30  27 42.7  -83 29.7  -115.1  -51.9  126.3  3244    8.5  -12.5   -0.1   77.7   84.4   -0.0   -8.2  -24.2  -26.8  101.1
14:49:29  27 42.9  -83 29.0   312.5  343.4   3091  3233   10.2  -16.9    0.1  -0.4*   82.0   -0.4  216.7  164.8   27.1  132.7

14:50:00  27 42.0  -83 31.3  -107.7  -58.8  122.7  3200  230.9   -1.4*  -0.5* 692.4   76.9   16.3    8.0    8.6    8.6  -22.4
14:50:00  27 41.5  -83 31.5  -107.8  -59.6  123.2  3169  231.1   -1.3*  -0.6* 696.5   76.9   15.2    6.7   10.9   10.9  -37.2
14:50:00  27 41.6  -83 31.7  -108.0  -59.6  123.4  3201    8.7   -4.8   -0.1   75.6   83.5   -0.0   -8.0  -24.1  -26.8  105.5
14:49:59  27 41.6  -83 31.7   311.7  343.2   3051  3196   10.0  -23.9    0.1  -0.4*   80.5   -0.1  215.3  162.6   28.3  131.4

14:50:30  27 41.0  -83 33.3  -110.3  -59.0  125.1  3157  232.1    0.1*  -7.5* 696.4   72.4   16.0    8.2    8.9    8.9  -22.6
14:50:30  27 40.6  -83 33.5  -110.5  -59.8  125.6  3130  232.4    0.2*  -7.6* 700.1   72.4   15.1    7.1   11.2   11.2  -37.3
14:50:30  27 40.7  -83 33.7  -111.0  -59.0  125.7  3152    8.7   -4.9   -0.1   71.9   78.8   -0.0   -7.6  -24.2  -26.8  106.7
14:50:29  27 40.7  -83 33.7   311.5  343.5   3011  3150   10.0  -18.1    0.1  -0.4*   76.4   -0.1  209.0  151.4   24.1  127.4

14:51:00  27 40.1  -83 35.3  -109.8  -61.0  125.6  3189  232.6    1.0*  -1.2* 693.5   81.8   16.1    7.4    8.2    8.2  -22.2
14:51:00  27 39.6  -83 35.5  -109.9  -61.7  126.1  3161  232.8    1.1*  -1.3* 698.0   81.8   15.0    6.0   10.4   10.4  -37.2
14:51:00  27 39.7  -83 35.7  -109.9  -62.2  126.3  3185    7.9    4.7   -0.1   80.3   89.0   -0.0   -8.5  -24.2  -26.8  107.6
14:50:59  27 39.7  -83 35.7   310.8  341.4   3035  3182    9.3  -25.9    0.1  -0.4*   85.5   -0.2  221.8  168.0   24.9  135.0

14:51:30  27 39.2  -83 37.1   -84.9  -63.2  105.9  3229  224.6*   2.9  -27.6* 691.2   66.6   15.6    8.4    6.8    6.8  -23.4
14:51:30  27 38.7  -83 37.4   -85.1  -63.9  106.4  3207  224.9*   3.0  -27.7* 694.4   66.5   14.7    7.3    8.9    8.9  -37.4
14:51:30  27 38.8  -83 37.6   -87.8  -61.5  107.1  3225    6.9    7.2   -0.1   66.3   73.5   -0.0   -7.0  -24.2  -26.8   91.4
14:51:29  27 38.8  -83 37.6   312.4  340.5   3075  3222    9.4  -15.0    0.1  -0.4*   69.6   -0.5  200.6  184.0   23.8  122.8

14:52:00  27 37.8  -83 38.3   -57.5  -94.0  110.2  3214  207.7*   2.7*  -7.4* 691.6   76.3   15.8    7.6    7.0    7.0  -23.5
14:52:00  27 37.3  -83 38.5   -57.6  -94.7  110.9  3191  207.8*   2.8*  -7.5* 695.8   76.3   15.2    6.8    9.1    9.1  -37.6
14:52:00  27 37.4  -83 38.7   -58.3  -94.7  111.2  3210    6.5  -10.1   -0.1   75.8   82.7   -0.0   -8.0  -24.1  -26.7   97.9
14:51:59  27 37.4  -83 38.7   311.3  339.7   3059  3207   13.4  -17.0    0.1  -0.4*   80.4   -0.5  214.5  182.6   23.0  130.8

14:52:30  27 36.2  -83 39.2   -50.6  -95.4  108.0  3212  203.9    1.6   -1.0  691.7   74.7   15.9    7.9    6.6    6.6  -23.5
14:52:30  27 35.7  -83 39.5   -50.7  -96.1  108.6  3185  204.1    1.7   -1.0  695.9   74.7   15.5    7.2    8.7    8.7  -37.6
14:52:30  27 35.8  -83 39.7   -50.8  -96.1  108.8  3209    6.9   -4.0   -0.1   74.2   81.0   -0.0   -7.8  -24.2  -26.8   93.3
14:52:29  27 35.8  -83 39.7   311.6  339.3   3059  3206    8.8  -13.0    0.1  -0.4*   78.8   -0.5  212.3  179.5   24.0  129.6

14:53:00  27 34.7  -83 40.2   -53.9  -93.2  107.6  3206  205.5    2.1   -0.6  692.2   71.7   15.8    8.0    7.0    7.0  -24.1
14:53:00  27 34.1  -83 40.4   -53.9  -93.9  108.3  3179  205.8    2.2   -0.7  696.3   71.7   15.6    7.6    9.2    9.2  -37.6
14:53:00  27 34.3  -83 40.6   -54.1  -93.9  108.4  3202    7.1   -0.4   -0.1   71.6   78.2   -0.0   -7.5  -24.2  -26.8   95.0
14:52:59  27 34.4  -83 40.6   311.7  340.1   3053  3200   13.9   -9.3    0.1  -0.4*   75.4   -0.5  208.1  178.7   22.1  127.0
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A/C 42, Flgt 060612H, Micro99 date 2006/06/12, Proj hur06                          Run on Mon Sep 10 09:56:00 2007
TIME-M99   LATi1     LONGi1   GSui1   GSvi1   GSi1  RA159  HDGi1 PTCHi1 ROLLi1   PSW    PQF1    TT1    TA1   TDM1    TD1  AXBT1
TIME-CG1   LATi2     LONGi2   GSui2   GSvi2   GSi2  RA232  HDGi2 PTCHi2 ROLLi2   PSF    PQF2    TT2    TA2   TDM2    TD2  AXBT2
TIME-CG2   LATcln    LONGcln  GSucln  GSvcln  GScln ALTcln PRT5SIDE PDAF  PDAR   PQAF   PQSF    TT3    TA3   TDM3    TD3  RH1
TIME-GPS   LATash    LONGash  THETA1  THETAE1 PA1   ALTash PRT5DOWN PDSF  PDSR   PQR    PQW   LWCJW   IAS   WDi1   WSi1  TAS1

14:53:30  27 33.2  -83 41.1   -55.0  -93.6  108.6  3206  205.6    2.1   -0.8  692.2   71.8   16.1    8.4    6.7    6.7  -23.7
14:53:30  27 32.6  -83 41.4   -55.1  -94.3  109.2  3179  205.8    2.2   -0.9  696.4   71.8   16.0    8.0    8.9    8.9  -37.6
14:53:30  27 32.8  -83 41.6   -55.3  -94.2  109.3  3200    7.4   -2.2   -0.1   72.1   78.5   -0.0   -7.5  -24.2  -26.8   90.5
14:53:29  27 33.3  -83 41.3   312.1  339.9   3053  3198   11.8   -6.4    0.1  -0.4*   75.6   -0.5  208.2  177.7   21.4  127.2

14:54:00  27 31.6  -83 42.2   -56.7  -96.8  112.2  3209  205.7    1.7   -0.9  691.8   75.4   16.8    8.7    6.1    6.1  -23.6
14:54:00  27 31.1  -83 42.4   -56.8  -97.5  112.8  3182  205.9    1.8   -1.0  696.2   75.4   16.7    8.3    8.4    8.4  -37.5
14:54:00  27 31.2  -83 42.6   -56.9  -97.4  112.8  3203    7.6   -5.7   -0.1   75.3   82.0   -0.0   -7.9  -24.2  -26.8   85.2
14:53:59  27 31.2  -83 42.7   312.5  339.3   3055  3202   12.5   -8.7    0.1  -0.4*   79.4   -0.5  213.3  176.4   21.2  130.3

14:54:30  27 30.0  -83 43.2   -58.3  -98.7  114.7  3207  205.7    1.5   -0.7  691.8   77.9   17.0    8.6    6.2    6.2  -23.8
14:54:30  27 29.5  -83 43.5   -58.3  -99.4  115.2  3181  206.0    1.6   -0.8  696.3   77.9   16.9    8.2    8.5    8.5  -37.6
14:54:30  27 29.6  -83 43.7   -58.5  -99.4  115.3  3202    7.4   -7.8   -0.1   78.0   84.6   -0.0   -8.1  -24.2  -26.8   85.8
14:54:29  27 29.6  -83 43.7   312.4  339.3   3054  3201   16.2   -7.8    0.1  -0.4*   82.1   -0.5  216.6  174.7   21.1  132.3

14:55:00  27 28.4  -83 44.3   -56.4 -100.5  115.3  3205  204.8    1.6   -1.4  692.0   77.2   17.0    8.7    6.2    6.2  -23.4
14:55:00  27 27.8  -83 44.5   -56.4 -101.1  115.8  3179  205.0    1.7   -1.5  696.4   77.2   16.7    8.2    8.4    8.4  -37.6
14:55:00  27 28.0  -83 44.7   -56.7 -101.1  115.9  3196    7.5   -6.5   -0.1   77.4   84.3   -0.0   -8.1  -24.2  -26.8   85.6
14:54:59  27 28.0  -83 44.8   312.4  339.3   3053  3198   15.4   -6.7    0.1  -0.4*   81.6   -0.5  215.7  173.9   19.6  131.7

14:55:30  27 26.8  -83 45.3   -55.7 -100.8  115.1  3203  204.4    1.7   -0.5  692.0   75.4   17.1    9.0    6.0    6.0  -23.6
14:55:30  27 26.2  -83 45.6   -55.7 -101.4  115.7  3179  204.6    1.8   -0.6  696.4   75.4   17.0    8.6    8.5    8.5  -37.6
14:55:30  27 26.3  -83 45.8   -55.9 -101.4  115.8  3202    7.8   -6.4   -0.1   75.7   82.0   -0.0   -7.9  -24.2  -26.8   82.9
14:55:29  27 26.3  -83 45.8   312.8  339.4   3052  3197   16.1   -4.8    0.1  -0.4*   80.0   -0.5  213.2  172.2   18.4  130.3

14:56:00  27 25.2  -83 46.3   -57.0  -98.5  113.8  3206  204.9    1.7   -2.3  691.9   76.5   17.1    8.8    6.4    6.4  -23.6
14:56:00  27 24.6  -83 46.6   -57.0  -99.1  114.3  3180  205.1    1.8   -2.4  696.2   76.5   16.9    8.4    8.8    8.8  -37.6
14:56:00  27 24.7  -83 46.8   -57.3  -99.1  114.4  3203    7.6   -7.9   -0.1   76.4   83.0   -0.0   -8.0  -24.2  -26.8   86.0
14:55:59  27 24.7  -83 46.8   312.7  340.0   3054  3200   16.6   -8.4    0.1  -0.4*   80.1   -0.5  214.7  172.4   21.1  131.2

14:56:30  27 23.6  -83 47.3   -56.5  -97.4  112.7  3202  204.5    1.7   -0.8  692.0   76.2   17.1    8.8    6.3    6.3  -23.8
14:56:30  27 22.9  -83 47.6   -56.5  -98.0  113.1  3178  204.7    1.8   -0.9  696.4   76.2   16.7    8.3    8.7    8.7  -37.6
14:56:30  27 23.1  -83 47.8   -56.6  -98.1  113.3  3202    7.6   -5.6   -0.1   76.1   82.8   -0.0   -8.0  -24.2  -26.8   85.0
14:56:29  27 23.1  -83 47.8   312.7  339.7   3053  3196   15.8   -8.5    0.1  -0.4*   80.2   -0.5  214.3  171.2   22.5  130.9

14:57:00  27 22.0  -83 48.3   -55.8  -96.0  111.1  3201  204.5    1.8   -1.0  692.0   76.4   17.3    9.1    6.2    6.2  -23.1
14:57:00  27 21.4  -83 48.6   -55.8  -96.6  111.5  3176  204.7    1.9   -1.1  696.4   76.4   17.2    8.7    8.6    8.6  -37.6
14:57:00  27 21.5  -83 48.8   -55.9  -96.7  111.7  3201    7.9   -7.2   -0.1   76.3   83.0   -0.0   -8.0  -24.2  -26.8   83.2
14:56:59  27 21.5  -83 48.8   312.9  339.8   3052  3195   15.9   -8.5    0.1  -0.4*   80.6   -0.5  214.6  173.9   24.0  131.2

14:57:30  27 20.4  -83 49.3   -54.9  -95.0  109.7  3202  204.6    1.7   -1.0  691.9   77.0   17.0    8.7    6.4    6.4  -23.6
14:57:30  27 19.8  -83 49.6   -54.9  -95.5  110.1  3175  204.7    1.8   -1.1  696.4   76.9   16.7    8.2    8.8    8.8  -37.6
14:57:30  27 20.0  -83 49.8   -54.9  -95.6  110.3  3201    7.6   -7.1   -0.1   76.9   83.4   -0.0   -8.0  -24.2  -26.8   86.9
14:57:29  27 20.0  -83 49.9   312.5  339.8   3053  3195   19.1   -7.8    0.1  -0.4*   81.3   -0.5  215.3  177.2   25.2  131.6

14:58:00  27 18.9  -83 50.3   -48.8  -96.9  108.5  3197  202.3    1.5   -1.8  692.1   77.9   16.8    8.4    6.7    6.7  -30.1
14:58:00  27 18.2  -83 50.6   -48.8  -97.4  108.9  3173  202.5    1.7   -1.8  696.5   77.9   16.6    8.0    9.0    9.0  -37.6
14:58:00  27 18.4  -83 50.8   -48.9  -97.5  109.1  3197    7.2   -7.8   -0.1   77.8   84.4   -0.0   -8.1  -24.2  -26.8   90.3
14:57:59  27 18.4  -83 50.8   312.2  340.0   3051  3192   17.1   -7.3    0.1  -0.4*   82.1   -0.5  216.7  181.2   25.8  132.3
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A/C 42, Flgt 060612H, Micro99 date 2006/06/12, Proj hur06                          Run on Mon Sep 10 09:56:00 2007
TIME-M99   LATi1     LONGi1   GSui1   GSvi1   GSi1  RA159  HDGi1 PTCHi1 ROLLi1   PSW    PQF1    TT1    TA1   TDM1    TD1  AXBT1
TIME-CG1   LATi2     LONGi2   GSui2   GSvi2   GSi2  RA232  HDGi2 PTCHi2 ROLLi2   PSF    PQF2    TT2    TA2   TDM2    TD2  AXBT2
TIME-CG2   LATcln    LONGcln  GSucln  GSvcln  GScln ALTcln PRT5SIDE PDAF  PDAR   PQAF   PQSF    TT3    TA3   TDM3    TD3  RH1
TIME-GPS   LATash    LONGash  THETA1  THETAE1 PA1   ALTash PRT5DOWN PDSF  PDSR   PQR    PQW   LWCJW   IAS   WDi1   WSi1  TAS1

14:58:30  27 17.3  -83 51.2   -46.6  -96.0  106.7  3196  201.8    1.6   -1.2  692.1   77.4   16.7    8.4    6.8    6.8  -37.3
14:58:30  27 16.7  -83 51.4   -46.5  -96.4  107.1  3172  202.1    1.7   -1.3  696.4   77.4   16.5    7.9    9.1    9.1  -37.6
14:58:30  27 16.8  -83 51.7   -46.6  -96.5  107.2  3196    7.3   -6.6   -0.1   77.2   83.8   -0.0   -8.1  -24.2  -26.8   90.9
14:58:29  27 16.8  -83 51.7   312.1  340.0   3052  3191   14.9   -8.0    0.1  -0.4*   81.5   -0.5  215.9  182.9   26.9  131.8

14:59:00  27 15.8  -83 52.0   -48.5  -93.8  105.6  3193  202.3    2.0   -0.9  692.4   76.4   16.5    8.3    6.9    6.9   25.2
14:59:00  27 15.1  -83 52.3   -48.4  -94.2  105.9  3170  202.5    2.1   -1.0  696.7   76.4   16.3    7.9    9.3    9.3   25.3
14:59:00  27 15.3  -83 52.5   -48.5  -94.4  106.1  3193    7.2   -6.3   -0.1   75.9   82.8   -0.0   -8.0  -24.2  -26.8   92.0
14:58:59  27 15.3  -83 52.5   312.0  340.0   3049  3188   17.1   -7.0    0.1  -0.4*   80.5   -0.5  214.6  180.4   27.8  131.0

14:59:30  27 14.3  -83 52.9   -48.0  -92.9  104.5  3192  202.0    1.7   -0.4  692.4   73.7   16.4    8.4    7.4    7.4   22.5
14:59:30  27 13.6  -83 53.2   -47.9  -93.3  104.9  3169  202.2    1.8   -0.5  696.4   73.7   16.2    8.1    9.8    9.8   22.6
14:59:30  27 13.8  -83 53.4   -47.9  -93.4  105.0  3193    7.8   -3.3   -0.1   73.7   80.3   -0.0   -7.7  -24.2  -26.8   94.5
14:59:29  27 13.7  -83 53.4   312.2  341.3   3052  3188    9.7   -7.9    0.1  -0.4*   77.5   -0.5  210.9  178.2   27.0  128.8

15:00:00  27 12.8  -83 53.8   -48.0  -93.5  105.1  3196  202.2    1.5   -0.8  692.0   75.9   16.5    8.3    7.3    7.3   22.8
15:00:00  27 12.1  -83 54.1   -47.9  -93.9  105.5  3171  202.3    1.6   -0.9  696.3   75.9   16.3    7.9    9.6    9.6   23.0
15:00:00  27 12.2  -83 54.3   -47.9  -94.0  105.5  3194    7.5   -5.8   -0.1   76.1   82.4   -0.0   -8.0  -24.1  -26.8   94.9
14:59:59  27 12.2  -83 54.3   312.1  341.1   3054  3189   12.7   -7.1    0.1  -0.4*   79.9   -0.5  214.0  180.6   27.9  130.7

15:00:30  27 11.2  -83 54.6   -48.4  -95.2  106.8  3189  202.0    1.8   -0.8  692.3   77.0   16.3    8.1    7.1    7.1   23.1
15:00:30  27 10.5  -83 54.9   -48.3  -95.6  107.1  3165  202.2    1.9   -0.9  696.6   77.0   16.1    7.6    9.4    9.4   23.2
15:00:30  27 10.7  -83 55.1   -48.3  -95.7  107.2  3189    7.2   -5.7   -0.1   77.2   83.2   -0.0   -8.0  -24.2  -26.8   95.2
15:00:29  27 10.7  -83 55.1   311.8  340.3   3051  3184   13.5   -6.2    0.1  -0.4*   81.0   -0.5  215.4  180.0   27.0  131.4

15:01:00  27  9.7  -83 55.5   -48.7  -96.2  107.8  3191  201.7    1.2   -0.6  691.9   79.3   16.7    8.2    7.3    7.3   23.3
15:01:00  27  9.0  -83 55.8   -48.6  -96.5  108.1  3170  201.9    1.3   -0.7  696.5   79.3   16.5    7.7    9.7    9.7   23.4
15:01:00  27  9.1  -83 56.0   -48.5  -96.6  108.1  3191    7.3   -9.2   -0.1   79.5   85.7   -0.0   -8.3  -24.2  -26.8   95.5
15:00:59  27  9.1  -83 56.0   311.9  340.8   3052  3186   15.0   -6.2    0.1  -0.4*   83.6   -0.5  218.5  179.6   28.0  133.3

15:01:30  27  8.1  -83 56.4   -48.8  -96.2  107.9  3192  202.3    1.1   -1.1  691.9   80.6   17.7    9.0    7.2    7.2   23.3
15:01:30  27  7.4  -83 56.7   -48.7  -96.5  108.1  3169  202.4    1.2   -1.2  696.5   80.6   17.5    8.6    9.5    9.5   23.4
15:01:30  27  7.6  -83 56.9   -48.7  -96.6  108.2  3191    8.0  -10.6   -0.1   80.8   87.3   -0.0   -8.4  -24.2  -26.8   89.5
15:01:29  27  7.6  -83 56.9   312.8  341.5   3052  3186   16.9   -6.0    0.1  -0.4*   85.2   -0.5  220.2  182.8   28.7  134.6

15:02:00  27  6.6  -83 57.3   -47.8  -95.5  106.8  3192  202.5    1.2   -1.6  692.0   80.8   17.4    8.7    7.4    7.4   23.3
15:02:00  27  5.8  -83 57.6   -47.6  -95.8  107.0  3167  202.6    1.3   -1.6  696.5   80.8   17.2    8.3    9.7    9.7   23.4
15:02:00  27  6.0  -83 57.8   -47.8  -95.9  107.1  3190    7.5   -9.5   -0.1   81.0   87.4   -0.0   -8.4  -24.2  -26.8   92.8
15:01:59  27  6.0  -83 57.8   312.5  341.7   3052  3185   17.3   -4.0    0.1  -0.4*   85.3   -0.5  220.5  186.5   29.3  134.7

15:02:30  27  5.0  -83 58.1   -45.4  -94.2  104.6  3191  202.7    1.3   -1.4  692.0   80.9   17.2    8.6    7.6    7.6   16.4
15:02:30  27  4.3  -83 58.4   -45.2  -94.5  104.8  3166  202.9    1.4   -1.5  696.5   80.9   16.8    7.9   10.0   10.0   14.4
15:02:30  27  4.5  -83 58.6   -45.2  -94.7  104.9  3187    7.8  -10.8   -0.1   80.9   87.6   -0.0   -8.4  -24.2  -26.8   95.5
15:02:29  27  4.4  -83 58.6   312.3  341.9   3052  3184   14.9   -7.4    0.1  -0.4*   85.3   -0.5  220.7  190.4   31.1  134.8

15:03:00  27  3.5  -83 58.9   -43.6  -91.5  101.4  3189  202.6*   1.0   -0.6* 691.9   78.5   17.6    9.1    7.6    7.6  -23.8
15:03:00  27  2.8  -83 59.2   -43.4  -91.8  101.5  3165  202.8*   1.1   -0.7* 696.3   78.5   17.4    8.7   10.1   10.1  -37.6
15:03:00  27  2.9  -83 59.4   -43.5  -91.9  101.6  3186    8.1   -9.0   -0.1   79.2   85.4   -0.0   -8.2  -24.2  -26.8   91.9
15:02:59  27  2.9  -83 59.4   312.9  342.6   3053  3183   13.1    2.0    0.1  -0.4*   82.3   -0.5  217.5  194.6   32.0  133.0
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A/C 42, Flgt 060612H, Micro99 date 2006/06/12, Proj hur06                          Run on Mon Sep 10 09:56:00 2007
TIME-M99     LATi1      LONGi1   GSui1    GSvi1   GSi1  RA159  HDGi1 PTCHi1 ROLLi1    PSW   PQF1    TT1    TA1   TDM1    TD1  AXBT1
TIME-CG1     LATi2      LONGi2   GSui2    GSvi2   GSi2  RA232  HDGi2 PTCHi2 ROLLi2    PSF   PQF2    TT2    TA2   TDM2    TD2  AXBT2
TIME-CG2    LATcln     LONGcln  GSucln   GSvcln  GScln ALTcln PRT5SIDE PDAF   PDAR   PQAF   PQSF    TT3    TA3   TDM3    TD3    RH1
TIME-GPS    LATash     LONGash  THETA1  THETAE1    PA1 ALTash PRT5DOWN PDSF   PDSR    PQR    PQW  LWCJW    IAS   WDi1   WSi1   TAS1

15:03:30  27  2.1   -83 59.7   -51.6    -83.9   98.5   3177  209.8*  -0.3   19.6* 693.1   72.8   16.8    8.9    7.7    7.7  -23.9
15:03:30  27  1.3   -83 60.0   -51.4    -84.1   98.6   3152  209.9*  -0.1   19.4* 697.3   72.7   16.6    8.5   10.0   10.0  -37.4
15:03:30  27  1.5   -84  0.2   -49.1    -85.3   98.4   3175    8.5   -3.4   -0.1   72.0   78.6   -0.0   -7.6  -24.2  -26.8   93.9
15:03:29  27  1.5   -84  0.2   312.6    342.4   3042   3171   16.3  -15.3    0.1   -0.4*  76.8   -0.5  209.5  196.2   30.3  128.0

15:04:00  27  1.3   -84  1.4  -112.1     -5.3  112.2   3120  256.1*   2.8*  20.6* 697.6   70.3   17.1    9.5    8.0    8.0  -23.3
15:04:00  27  0.5   -84  1.6  -112.0     -5.6  112.1   3100  256.2*   2.9*  20.6* 701.9   70.3   16.9    9.1   10.3   10.3  -37.6
15:04:00  27  0.7   -84  1.8  -111.5     -7.8  111.8   3115    8.7   -2.3   -0.1   69.8   76.6   -0.0   -7.3  -24.2  -26.8   91.8
15:03:59  27  0.7   -84  1.8   312.7    343.0   2991   3114   16.5  -13.9    0.1   -0.4*  75.0   -0.5  206.1  197.3   30.0  125.7

15:04:30  27  2.1   -84  3.3   -84.0    108.6  137.3   3174  311.1*   4.3*  21.6* 693.1   69.6   16.4    8.9    7.8    7.8  -23.6
15:04:30  27  1.4   -84  3.6   -84.0    108.4  137.1   3152  311.2*   4.4*  21.5* 697.4   69.6   16.2    8.5   10.1   10.1  -37.6
15:04:30  27  1.5   -84  3.7   -85.7    106.6  136.8   3166    7.9    1.0   -0.1   70.0   76.2   -0.0   -7.3  -24.2  -26.8   94.0
15:04:29  27  1.5   -84  3.7   312.6    342.4   3042   3165   10.9   -7.2    0.1   -0.4*  73.8   -0.5  205.1  203.3   31.1  125.3

15:05:00  27  4.4   -84  3.8    30.4    156.0  159.0   3203    9.7*   0.6*  18.6  690.8   74.7   17.3    9.2    8.2    8.2  -23.8
15:05:00  27  3.7   -84  4.1    30.4    156.0  158.9   3179    9.7*   0.7*  18.5  695.3   74.7   17.1    8.8   10.5   10.5  -37.6
15:05:00  27  3.8   -84  4.3    28.4    156.2  158.8   3199    8.4   -5.6   -0.1   73.9   81.4   -0.0   -7.8  -24.2  -26.8   94.9
15:04:59  27  3.8   -84  4.3   313.2    344.1   3065   3196    9.9  -22.2    0.1   -0.4*  79.1   -0.5  212.3  206.4   30.4  129.9

15:05:30  27  6.8   -84  2.6    79.4    143.6  164.1   3234   31.6*   1.7*  -3.6* 688.4   77.9   17.2    8.8    8.0    8.0  -23.7
15:05:30  27  6.1   -84  2.9    79.5    143.6  164.1   3208   31.9*   1.8*  -3.6* 692.8   77.9   17.1    8.4   10.3   10.3  -37.6
15:05:30  27  6.2   -84  3.1    79.6    143.5  164.1   3229    8.0  -12.1   -0.1   77.0   84.5   -0.0   -8.2  -24.2  -26.8   96.6
15:05:29  27  6.2   -84  3.1   313.0    343.6   3094   3226    9.2  -21.9    0.1   -0.4*  81.3   -0.4  216.6  204.3   31.5  132.7

15:06:00  27  9.2   -84  1.2    90.9    134.5  162.3   3185   38.9*   1.9    7.4* 692.2   76.5   17.2    8.9    8.0    8.0  -24.2
15:06:00  27  8.5   -84  1.5    91.0    134.6  162.4   3163   39.0*   2.0    7.2* 696.3   76.5   17.1    8.6   10.3   10.3  -37.6
15:06:00  27  8.5   -84  1.7    90.6    135.5  163.0   3185    8.1    6.6   -0.1   76.1   83.1   -0.0   -8.0  -24.2  -26.8   95.2
15:05:59  27  8.6   -84  1.7   312.8    343.1   3053   3178   12.1   -9.2    0.1   -0.4*  80.4   -0.5  214.8  198.5   32.5  131.3

15:06:30  27 11.3   -83 59.6    81.0    132.5  155.3   3230   37.3    0.3*  -1.4* 689.3   69.5   16.1    8.5    7.7    7.7  -23.7
15:06:30  27 10.6   -83 59.9    81.1    132.6  155.4   3205   37.4    0.4*  -1.5* 693.1   69.5   15.9    8.1   10.1   10.1  -37.6
15:06:30  27 10.7   -84  0.1    81.2    132.4  155.3   3228    7.7   -2.9   -0.1   68.9   75.6   -0.0   -7.3  -24.2  -26.8   96.0
15:06:29  27 10.7   -84  0.1   312.7    342.7   3090   3223   14.3  -17.6    0.1   -0.4*  73.1   -0.5  204.9  193.7   31.8  125.5

15:07:00  27 13.6   -83 58.3    69.7    144.9  160.8   3213   29.3    1.9   -0.6* 690.3   75.4   16.8    8.7    7.7    7.7  -23.8
15:07:00  27 12.9   -83 58.5    69.7    145.0  160.9   3189   29.5    2.0   -0.7* 694.5   75.4   16.6    8.2   10.0   10.0  -37.6
15:07:00  27 13.0   -83 58.8    70.2    145.0  161.1   3211    7.8   -6.3   -0.1   75.2   81.9   -0.0   -7.9  -24.2  -26.8   94.9
15:06:59  27 13.0   -83 58.7   312.7    342.5   3074   3205   15.1  -11.7    0.1   -0.4*  79.4   -0.5  213.2  193.8   31.2  130.5

15:07:30  27 15.9   -83 56.9    76.2    140.9  160.1   3217   34.1    1.4   -1.5  690.0   79.4   16.5    8.0    7.4    7.4  -24.1
15:07:30  27 15.2   -83 57.2    76.3    141.0  160.3   3190   34.3    1.5   -1.6  694.3   79.4   16.3    7.5    9.8    9.8  -37.6
15:07:30  27 15.1   -83 57.5    76.8    140.9  160.5   3211    7.2   -9.0   -0.1   79.4   86.1   -0.0   -8.3  -24.2  -26.8   97.4
00:00:00  27 15.3   -83 57.4   312.0    341.0   3076   3208   13.3   -8.5    0.1   -0.4*  83.7   -0.5  218.6  184.4   29.7  133.6

15:08:00  27 18.2   -83 55.6    75.8    140.7  159.8   3221   33.9    1.2   -1.1  689.7   81.6   16.6    7.8    7.3    7.3  -23.5
15:08:00  27 17.5   -83 55.8    75.9    140.9  160.0   3195   34.1    1.2   -1.1  694.3   81.6   16.4    7.4    9.8    9.8  -37.6
15:08:00  27 17.6   -83 56.0    76.4    140.8  160.2   3216    7.1  -11.4   -0.1   82.0   88.6   -0.0   -8.5  -24.2  -26.8   98.2
15:07:59  27 17.6   -83 56.0   311.8    340.9   3076   3212   13.7   -5.3    0.1   -0.4*  86.0   -0.5  221.5  181.8   28.1  135.3
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A/C 42, Flgt 060612H, Micro99 date 2006/06/12, Proj hur06                          Run on Mon Sep 10 09:56:00 2007
TIME-M99     LATi1      LONGi1   GSui1    GSvi1   GSi1  RA159  HDGi1 PTCHi1 ROLLi1    PSW   PQF1    TT1    TA1   TDM1    TD1  AXBT1
TIME-CG1     LATi2      LONGi2   GSui2    GSvi2   GSi2  RA232  HDGi2 PTCHi2 ROLLi2    PSF   PQF2    TT2    TA2   TDM2    TD2  AXBT2
TIME-CG2    LATcln     LONGcln  GSucln   GSvcln  GScln ALTcln PRT5SIDE PDAF   PDAR   PQAF   PQSF    TT3    TA3   TDM3    TD3    RH1
TIME-GPS    LATash     LONGash  THETA1  THETAE1    PA1 ALTash PRT5DOWN PDSF   PDSR    PQR    PQW  LWCJW    IAS   WDi1   WSi1   TAS1

15:08:30  27 20.4   -83 54.1    90.9    125.5  155.0   3220   42.2    1.2    2.7  690.0   80.4   16.8    8.1    7.3    7.3  -24.1
15:08:30  27 19.7   -83 54.4    91.0    125.7  155.2   3195   42.4    1.4    2.6  694.5   80.4   16.4    7.5    9.7    9.7  -37.6
15:08:30  27 19.8   -83 54.6    91.2    126.0  155.5   3218    7.6   -9.9   -0.1   80.6   87.0   -0.0   -8.4  -24.2  -26.8   96.4
15:08:29  27 19.8   -83 54.5   312.1    341.2   3075   3211   12.9   -7.3    0.1   -0.4*  84.7   -0.5  220.0  183.4   25.2  134.5

15:09:00  27 22.4   -83 52.4    92.9    117.3  149.6   3218   45.8    1.7   -1.0* 690.5   74.7   16.2    8.1    7.5    7.5  -23.7
15:09:00  27 21.7   -83 52.7    93.1    117.5  149.9   3192   46.0    1.8   -1.0  694.5   74.7   16.1    7.8    9.9    9.9  -37.6
15:09:00  27 21.7   -83 52.8    93.6    117.6  150.3   3215    7.5   -3.4   -0.1   74.8   81.1   -0.0   -7.8  -24.2  -26.8   97.0
15:08:59  27 21.7   -83 52.8   312.1    341.4   3074   3210   10.6   -8.2    0.1   -0.4*  78.6   -0.5  212.2  181.7   25.9  129.7

15:09:30  27 24.2   -83 50.7    92.8    113.9  147.0   3219   45.7    1.9   -0.8  690.7   72.6   16.5    8.6    6.6    6.6  -23.7
15:09:30  27 23.5   -83 51.0    93.0    114.2  147.3   3194   46.0    2.0   -0.9  694.4   72.6   16.4    8.3    9.1    9.1  -37.6
15:09:30  27 23.6   -83 51.2    93.5    114.0  147.5   3217    7.7   -3.0   -0.1   72.9   79.0   -0.0   -7.6  -24.2  -26.8   88.2
15:09:29  27 23.6   -83 51.1   312.6    340.3   3075   3212   15.6   -5.3    0.1   -0.4*  76.3   -0.5  209.3  183.9   24.1  128.1

15:10:00  27 26.1   -83 49.0    94.4    114.1  148.1   3220   45.9    2.0   -0.6  690.7   72.1   16.1    8.3    6.4    6.4  -24.2
15:10:00  27 25.4   -83 49.3    94.6    114.3  148.4   3197   46.2    2.1   -0.7  694.4   72.1   15.9    7.8    9.0    9.0  -37.6
15:10:00  27 25.4   -83 49.4    95.0    114.2  148.6   3219    7.2   -2.4   -0.1   72.1   78.4   -0.0   -7.6  -24.2  -26.8   89.7
15:09:59  27 25.2   -83 49.7   312.3    339.6   3075   3213   16.2   -6.6    0.1   -0.4*  75.8   -0.5  208.7  187.8   24.9  127.6

15:10:30  27 27.9   -83 47.3    94.7    114.1  148.3   3228   46.0    1.7   -0.7  690.2   76.1   16.6    8.4    6.4    6.4  -23.8
15:10:30  27 27.2   -83 47.5    94.9    114.3  148.6   3201   46.2    1.9   -0.8  694.4   76.1   16.4    7.9    8.9    8.9  -37.6
15:10:30  27 27.3   -83 47.7    95.4    114.2  148.8   3226    7.4   -5.9   -0.1   76.3   82.8   -0.0   -8.0  -24.2  -26.8   88.3
15:10:29  27 27.3   -83 47.7   312.4    339.6   3075   3219   16.6   -5.7    0.1   -0.4*  80.3   -0.5  214.1  182.7   22.6  130.9

15:11:00  27 29.8   -83 45.6    94.5    114.3  148.3   3232   44.9    1.4   -0.8  689.9   80.2   17.4    8.7    6.2    6.2  -24.9
15:11:00  27 29.1   -83 45.8    94.7    114.6  148.6   3207   45.1    1.5   -0.9  694.4   80.2   17.2    8.3    8.8    8.8  -37.6
15:11:00  27 29.2   -83 46.0    95.2    114.4  148.9   3228    7.7  -10.9   -0.1   80.5   86.8   -0.0   -8.4  -24.2  -26.8   85.2
15:10:59  27 29.2   -83 46.0   312.8    339.7   3075   3222   16.8   -3.5    0.1   -0.4*  84.7   -0.5  219.7  179.7   18.8  134.4

15:11:30  27 31.6   -83 43.9    95.0    112.8  147.5   3231   45.4*   1.6    5.2* 690.0   82.0   17.3    8.5    5.9    5.9  -24.0
15:11:30  27 31.0   -83 44.1    95.2    113.1  147.8   3204   45.6*   1.6    5.1* 694.6   82.0   17.2    8.1    8.4    8.4  -37.6
15:11:30  27 31.0   -83 44.2    95.3    113.4  148.1   3228    7.8  -10.3   -0.1   82.4   88.8   -0.0   -8.6  -24.2  -26.8   84.7
15:11:29  27 31.0   -83 44.2   312.5    338.9   3073   3221   17.1   -4.1    0.1   -0.4*  86.7   -0.5  222.2  176.3   16.9  135.8

15:12:00  27 32.7   -83 41.7   131.0     -0.8  131.0   3225   99.5*   1.9   24.5  690.1   77.0   16.9    8.6    5.4    5.4  -25.8
15:12:00  27 32.0   -83 41.9   131.3     -0.4  131.3   3206   99.5*   2.0   24.4  694.5   76.9   16.8    8.2    8.1    8.1  -37.6
15:12:00  27 32.1   -83 42.1   132.3      2.8  132.3   3225    8.4   -2.0   -0.1   76.9   84.0   -0.0   -8.1  -24.2  -26.8   81.4
15:11:59  27 32.1   -83 42.0   312.7    338.3   3074   3218   15.3   -5.4    0.1   -0.4*  81.6   -0.5  215.3  182.1   18.2  131.7

15:12:30  27 31.7   -83 39.9    47.4   -102.4  112.8   3229  160.1*   2.0   24.6  690.1   74.0   16.7    8.7    5.8    5.8  -24.0
15:12:30  27 31.1   -83 40.1    47.9   -102.1  112.8   3211  160.2*   2.1   24.6  694.5   74.0   16.6    8.3    8.4    8.4  -37.6
15:12:30  27 31.2   -83 40.2    51.3   -101.2  113.4   3227    8.3    1.1   -0.1   74.1   81.1   -0.0   -7.8  -24.2  -26.8   83.1
15:12:29  27 31.2   -83 40.2   312.8    339.1   3075   3219   16.2   -5.6    0.1   -0.4*  78.3   -0.5  211.3  182.0   18.2  129.3

15:13:00  27 30.1   -83 40.2   -81.4    -80.8  114.7   3225  220.5*   2.2   23.9  690.3   72.7   17.0    9.1    5.8    5.8  -24.1
15:13:00  27 29.4   -83 40.4   -81.0    -80.7  114.4   3207  220.5*   2.3   23.8  694.7   72.7   16.7    8.6    8.4    8.4  -37.5
15:13:00  27 29.5   -83 40.5   -78.6    -82.7  114.1   3223    8.5    1.4   -0.1   72.8   79.8   -0.0   -7.7  -24.2  -26.8   81.3
15:12:59  27 29.5   -83 40.5   313.1    339.5   3072   3217   16.2   -5.2    0.1   -0.4*  77.0   -0.5  209.5  178.7   18.6  128.2
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A/C 42, Flgt 060612H, Micro99 date 2006/06/12, Proj hur06                          Run on Mon Sep 10 09:56:00 2007
TIME-M99     LATi1      LONGi1   GSui1    GSvi1   GSi1  RA159  HDGi1 PTCHi1 ROLLi1    PSW   PQF1    TT1    TA1   TDM1    TD1  AXBT1
TIME-CG1     LATi2      LONGi2   GSui2    GSvi2   GSi2  RA232  HDGi2 PTCHi2 ROLLi2    PSF   PQF2    TT2    TA2   TDM2    TD2  AXBT2
TIME-CG2    LATcln     LONGcln  GSucln   GSvcln  GScln ALTcln PRT5SIDE PDAF   PDAR   PQAF   PQSF    TT3    TA3   TDM3    TD3    RH1
TIME-GPS    LATash     LONGash  THETA1  THETAE1    PA1 ALTash PRT5DOWN PDSF   PDSR    PQR    PQW  LWCJW    IAS   WDi1   WSi1   TAS1

15:13:30  27 29.1   -83 42.1  -107.0    -53.2  119.5   3227  235.0    1.8    0.9  690.4   73.6   16.9    8.9    5.6    5.6  -24.5
15:13:30  27 28.4   -83 42.3  -106.6    -53.1  119.1   3211  235.1    1.9    0.8  694.4   73.6   16.7    8.5    8.1    8.1  -37.4
15:13:30  27 28.5   -83 42.3  -106.2    -53.3  118.8   3226    8.0   -5.5   -0.1   73.8   80.2   -0.0   -7.7  -24.2  -26.8   80.6
15:13:29  27 28.9   -83 41.6   313.0    338.9   3075   3217   16.6   -4.9    0.1   -0.4*  77.5   -0.5  210.7  175.2   21.5  129.0

15:14:00  27 28.2   -83 44.1  -110.4    -51.2  121.7   3226  235.9    1.9   -0.2  690.4   77.5   16.8    8.5    5.9    5.9  -23.4
15:14:00  27 27.6   -83 44.3  -110.0    -51.1  121.3   3205  236.1    2.0   -0.3  694.7   77.5   16.7    8.1    8.6    8.6  -37.6
15:14:00  27 27.7   -83 44.3  -109.8    -51.1  121.1   3224    7.6   -7.6   -0.1   77.6   84.2   -0.0   -8.1  -24.2  -26.8   85.2
15:13:59  27 27.9   -83 43.8   312.5    338.9   3072   3220   15.8   -5.2    0.1   -0.4*  81.9   -0.5  216.2  176.8   23.4  132.1

15:14:30  27 27.4   -83 46.1  -111.4    -51.0  122.5   3230  236.2    1.4   -0.6  690.0   79.1   16.6    8.1    6.2    6.2  -24.0
15:14:30  27 26.8   -83 46.3  -111.1    -50.9  122.2   3212  236.5    1.4   -0.7  694.4   79.1   16.4    7.6    8.8    8.8  -37.5
15:14:30  27 26.8   -83 46.3  -110.8    -50.9  121.9   3227    7.2   -9.8   -0.1   79.3   85.7   -0.0   -8.3  -24.2  -26.8   89.3
15:14:29  27 26.8   -83 46.3   312.0    338.9   3076   3221   17.4   -7.8    0.1   -0.4*  83.5   -0.5  218.2  177.0   24.2  133.3

15:15:00  27 26.6   -83 48.1  -113.2    -51.2  124.2   3226  236.6    1.4   -1.3  690.1   79.1   16.9    8.3    6.3    6.3  -23.9
15:15:00  27 25.9   -83 48.3  -112.8    -51.0  123.9   3208  236.8    1.5   -1.4  694.4   79.1   16.7    7.9    8.8    8.8  -37.5
15:15:00  27 26.0   -83 48.3  -112.6    -51.1  123.6   3225    7.4  -10.3   -0.1   79.1   85.8   -0.0   -8.3  -24.2  -26.8   88.0
15:14:59  27 26.0   -83 48.4   312.3    339.4   3075   3218   16.8   -8.4    0.1   -0.4*  83.2   -0.5  218.3  173.8   23.5  133.4

15:15:30  27 25.8   -83 50.2  -113.4    -50.2  124.0   3223  236.5    1.4   -0.6  690.2   80.0   16.7    8.1    7.1    7.1  -23.2
15:15:30  27 25.1   -83 50.4  -113.1    -50.0  123.6   3205  236.6    1.6   -0.6  694.5   80.0   16.4    7.5    9.4    9.4  -37.6
15:15:30  27 25.2   -83 50.4  -112.8    -50.1  123.4   3223    7.5   -8.7   -0.1   80.1   86.5   -0.0   -8.4  -24.2  -26.8   94.9
15:15:29  27 25.2   -83 50.4   312.0    340.6   3074   3215   10.2  -10.4    0.1   -0.4*  84.4   -0.4  219.5  174.3   25.4  134.1

15:16:00  27 25.0   -83 52.3  -113.7    -49.0  123.8   3218  236.6    1.5   -1.0  690.5   78.5   16.4    8.0    6.8    6.8  -23.8
15:16:00  27 24.3   -83 52.4  -113.3    -48.8  123.4   3199  236.8    1.6   -1.1  694.8   78.5   16.1    7.4    9.2    9.2  -37.6
15:16:00  27 24.4   -83 52.5  -113.1    -48.9  123.2   3218    7.4   -8.2   -0.1   78.7   85.1   -0.0   -8.2  -24.2  -26.8   93.3
15:15:59  27 24.4   -83 52.5   311.9    339.9   3071   3209   12.9   -7.9    0.1   -0.4*  82.7   -0.5  217.4  172.1   25.3  132.8

15:16:30  27 24.2   -83 54.3  -112.4    -47.5  122.1   3218  236.6    1.5   -1.0  690.3   77.0   16.1    7.8    7.1    7.1  -24.1
15:16:30  27 23.5   -83 54.5  -112.1    -47.3  121.7   3199  236.8    1.6   -1.1  694.5   77.0   15.8    7.3    9.5    9.5  -37.6
15:16:30  27 23.6   -83 54.5  -111.9    -47.3  121.5   3223    7.3   -7.0   -0.1   77.5   83.7   -0.0   -8.1  -24.2  -26.8   96.8
15:16:29  27 23.6   -83 54.5   311.7    340.2   3075   3210   11.1   -6.4    0.1   -0.4*  81.2   -0.5  215.4  173.1   25.9  131.6

15:17:00  27 23.4   -83 56.4  -112.3    -45.9  121.3   3218  236.4    1.1   -0.8  690.1   79.7   16.5    7.9    7.1    7.1  -23.1
15:17:00  27 22.8   -83 56.5  -112.0    -45.7  120.9   3200  236.7    1.2   -0.9  694.4   79.7   16.3    7.5    9.6    9.6  -37.6
15:17:00  27 22.9   -83 56.5  -111.7    -45.7  120.7   3221    7.3  -10.3   -0.1   80.0   86.1   -0.0   -8.3  -24.2  -26.8   96.4
15:16:59  27 22.9   -83 56.5   311.9    340.5   3075   3209   13.7   -7.6    0.1   -0.4*  84.0   -0.5  219.0  177.2   29.0  133.8

15:17:30  27 22.7   -83 58.4  -109.4    -49.6  120.1   3212  234.8    1.2   -2.6  690.2   83.2   17.3    8.4    7.6    7.6  -23.8
15:17:30  27 22.0   -83 58.6  -109.1    -49.3  119.7   3197  235.0    1.3   -2.7  694.8   83.2   16.9    7.7    9.9    9.9  -37.6
15:17:30  27 22.1   -83 58.5  -109.0    -49.2  119.6   3216    7.7  -12.6   -0.1   83.7   90.0   -0.0   -8.7  -24.2  -26.8   96.1
15:17:29  27 22.2   -83 58.4   312.3    341.8   3071   3204    9.0   -6.8    0.1   -0.4*  87.7   -0.4  223.7  183.5   29.9  136.7

15:18:00  27 21.9   -84  0.3  -106.9    -44.5  115.8   3211  237.2    1.3   -0.7* 690.2   80.5   17.2    8.5    7.8    7.8  -24.1
15:18:00  27 21.2   -84  0.5  -106.5    -44.3  115.4   3193  237.4    1.4   -0.8* 694.6   80.5   17.1    8.1   10.2   10.2  -37.6
15:18:00  27 21.3   -84  0.5  -106.3    -44.6  115.2   3214    8.0  -10.2   -0.1   80.7   87.2   -0.0   -8.4  -24.2  -26.8   96.6
15:17:59  27 21.3   -84  0.5   312.5    342.6   3073   3202    9.3  -11.1    0.1   -0.4*  85.0   -0.4  220.2  190.3   30.3  134.6
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A/C 42, Flgt 060612H, Micro99 date 2006/06/12, Proj hur06                          Run on Mon Sep 10 09:56:00 2007
TIME-M99     LATi1      LONGi1   GSui1    GSvi1   GSi1  RA159  HDGi1 PTCHi1 ROLLi1    PSW   PQF1    TT1    TA1   TDM1    TD1  AXBT1
TIME-CG1     LATi2      LONGi2   GSui2    GSvi2   GSi2  RA232  HDGi2 PTCHi2 ROLLi2    PSF   PQF2    TT2    TA2   TDM2    TD2  AXBT2
TIME-CG2    LATcln     LONGcln  GSucln   GSvcln  GScln ALTcln PRT5SIDE PDAF   PDAR   PQAF   PQSF    TT3    TA3   TDM3    TD3    RH1
TIME-GPS    LATash     LONGash  THETA1  THETAE1    PA1 ALTash PRT5DOWN PDSF   PDSR    PQR    PQW  LWCJW    IAS   WDi1   WSi1   TAS1

15:18:30  27 21.1   -84  2.2   -99.0    -48.9  110.5   3208  235.2    1.7   -3.2  690.5   73.1   17.1    9.1    8.1    8.1  -23.7
15:18:30  27 20.5   -84  2.3   -98.7    -48.7  110.1   3191  235.4    1.8   -3.3  694.3   73.1   16.9    8.7   10.5   10.5  -37.6
15:18:30  27 20.6   -84  2.3   -98.6    -48.5  109.9   3208    8.4   -2.1   -0.1   73.4   79.7   -0.0   -7.7  -24.2  -26.8   94.5
15:18:29  27 20.7   -84  2.0   313.2    343.9   3076   3201    9.6   -8.2    0.1   -0.4*  77.3   -0.5  210.1  193.2   26.1  128.7


*************************************************************************************************************************
ERROR COUNT:

*************************************************************************************************************************
LAT_INE1:  0
LAT_INE2:  0
LAT_CLN:  0
LAT_ASH:  33
LONG_INE1:  0
LONG_INE2:  0
LONG_CLN:  0
LONG_ASH:  93
RA159:  0
RA232:  0
ALT_CLN:  0
ALT_ASH:  72
HDG_INE1:  766
HDG_INE2:  765
PRT5_SIDE:  0
PRT5_DOWN:  0
PITCH_INE1:  340
PITCH_INE2:  338
PDAF:  0
PDSF:  28
ROLL_INE1:  929
ROLL_INE2:  930
PDAR:  0
PDSR:  0
PSW:  0
PSF:  0
PQAF:  9
PQR:  2653
PQF1:  0
PQF2:  0
PQSF:  9
PQW:  2
TT1:  0
TT2:  0
TT3:  0
TDM1:  0
TDM2:  0
TDM3:  0
AXBT1:  0
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AXBT2:  0

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