```
A/C 42, Flgt  1/13/1998, Proj hur01                                                                    Run on Wed Sep  5 09:4
TIME (INE1)   LAT        LONG      GX       GY      GS     HD     PC     RL    PSW    PQF1     PQW     LW     RD    TT1     DW1    RA159
TIME (INE2)   LAT        LONG      GX       GY      GS     HD     PC     RL    PSF    PQF2     DAP    APF    APR    TT2     DW2    RA232
TIME(3MGPS)   LAT        LONG      GX       GY      GS   RTT3   RTT4   RTT5          PQF3     DBP    BPF    BPR     RS     DW3    3MGSP
TIME(ASGPS)   LAT        LONG                                                                                                     ASGSP

13:56:01  27 50.9   -82 29.6      0.0     -0.0     0.0  314.4   -1.0   -0.1 1021.0     0.2     0.2   -0.0   33.0   18.4    15.1      -6*
13:56:02  27 50.9   -82 29.6      0.0     -0.0     0.0  314.4   -0.9   -0.2 1020.9     0.3    -0.0    0.0    0.0   18.8    14.6       1
13:56:02  27 51.0   -82 29.6      0.0      0.0     0.0                                 0.2     0.1    0.1    0.2   28.7    -0.0       8
00000000   0  0.0     0  0.0                                                                                                           0

13:56:31  27 50.9   -82 29.6      0.0     -0.0     0.0  314.3   -1.0   -0.1 1020.9     0.1     0.2   -0.0   33.0   18.3    15.1      -6*
13:56:32  27 50.9   -82 29.6      0.0     -0.0     0.0  314.4   -1.0   -0.2 1020.9     0.3     0.0    0.1    0.0   18.7    14.7       1
13:56:32  27 51.0   -82 29.6      0.0      0.0     0.0                                 0.2     0.1    0.1    0.2   28.9    -0.0       8
00000000   0  0.0     0  0.0                                                                                                           0

13:58:00  27 50.9   -82 29.7     -3.2     -3.4     4.6  223.2   -1.5    0.0 1020.9     0.2     0.4   -0.0   33.0   18.0    14.9      -6*
13:58:01  27 50.9   -82 29.7     -3.2     -3.4     4.6  223.2   -1.5   -0.1 1021.0     0.4     0.1   -0.2    0.0   18.5    13.6       1
13:58:01  27 50.9   -82 29.7     -3.2     -3.4     4.7                                 0.2     0.4   -0.2    0.2   28.8    -0.0      11
00000000   0  0.0     0  0.0                                                                                                           0

13:58:30  27 50.9   -82 29.7     -3.7      1.4     3.9  294.3   -2.0   -0.3 1020.9     0.3     0.3   -0.0   33.0   18.3    14.5      -6*
13:58:31  27 50.9   -82 29.7     -3.7      1.4     4.0  294.3*  -2.0   -0.4 1020.9     0.4     0.0   -0.1    0.0   18.7    12.3       1
13:58:31  27 50.9   -82 29.7     -3.8      1.4     4.0                                 0.1     0.2    0.1    0.2   29.0    -0.0      11
00000000   0  0.0     0  0.0                                                                                                           0

13:59:00  27 50.9   -82 29.8     -6.8      6.2     9.2  312.2   -1.5    0.2 1020.9     0.4     0.5   -0.0   33.1   17.9    14.9      -6*
13:59:01  27 50.9   -82 29.8     -6.8      6.2     9.2  312.2*  -1.6    0.1 1021.0     0.5     0.2   -0.0    0.0   18.5    14.5       1
13:59:01  27 51.0   -82 29.8     -6.7      6.2     9.1                                 0.2     0.4    0.6    0.2   29.0    -0.0       8
00000000   0  0.0     0  0.0                                                                                                           0

13:59:30  27 51.0   -82 29.9     -5.9      6.1     8.5  315.6   -0.8    0.5 1020.7     0.4     0.6   -0.0   33.1   17.9    15.0      -6*
13:59:31  27 51.0   -82 29.9     -5.9      6.1     8.5  315.7*  -0.8    0.3 1020.9     0.5     0.1    0.1    0.0   18.4    13.6       1
13:59:31  27 51.1   -82 29.9     -6.0      6.1     8.6                                 0.2     0.4    0.2    0.2   28.7    -0.0       8
00000000   0  0.0     0  0.0                                                                                                           0

14:00:00  27 51.1   -82 30.0     -3.9     -3.9     5.5  225.1   -0.8   -0.1 1020.8     0.3     0.5   -0.0   33.1   18.2    15.0      -6*
14:00:01  27 51.1   -82 30.0     -3.9     -3.8     5.5  225.1   -0.8   -0.2 1020.8     0.5     0.1    0.0    0.0   18.8    13.8       1
14:00:01  27 51.1   -82 30.0     -3.9     -3.8     5.4                                 0.2     0.3   -0.5    0.2   29.0    -0.0      10
00000000   0  0.0     0  0.0                                                                                                           0

14:00:30  27 51.0   -82 30.1     -5.3     -5.2     7.4  225.6   -0.8   -0.3 1020.7     0.4     0.6   -0.0   33.1   17.8    15.4      -6*
14:00:31  27 51.0   -82 30.1     -5.3     -5.2     7.4  225.7   -0.8   -0.4 1020.8     0.6     0.1    0.0    0.0   18.4    14.7       1
14:00:31  27 51.1   -82 30.1     -5.3     -5.1     7.4                                 0.1     0.4   -0.8    0.2   28.8    -0.0       9
00000000   0  0.0     0  0.0                                                                                                           0

14:01:00  27 50.9   -82 30.2     -7.3     -7.2    10.3  225.5   -0.7   -0.1 1020.8     0.6     0.8   -0.0   33.1   17.7    15.7      -6*
14:01:01  27 50.9   -82 30.2     -7.4     -7.2    10.3  225.5   -0.7   -0.2 1020.9     0.8     0.4   -0.0    0.0   18.2    15.0       1
14:01:01  27 51.0   -82 30.2     -7.4     -7.2    10.3                                 0.2     0.7   -0.9    0.2   29.0    -0.0       6
00000000   0  0.0     0  0.0                                                                                                           0

14:01:30  27 50.8   -82 30.3     -5.6     -5.7     8.0  224.3   -0.6   -0.0 1020.4    -0.7*    0.8   -0.0   33.2   18.5    15.6      -6*
14:01:31  27 50.8   -82 30.3     -5.6     -5.7     8.0  224.3   -0.7   -0.1 1020.9    -0.5*    0.1   -1.1    0.0   19.1    15.2       1
14:01:31  27 50.9   -82 30.3     -5.7     -5.7     8.1                                 0.2     0.5   -1.8    0.2   29.0    -0.0       5
00000000   0  0.0     0  0.0
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A/C 42, Flgt  1/13/1998, Proj hur01                                                                    Run on Wed Sep  5 09:4
TIME (INE1)   LAT        LONG      GX       GY      GS     HD     PC     RL    PSW    PQF1     PQW     LW     RD    TT1     DW1    RA159
TIME (INE2)   LAT        LONG      GX       GY      GS     HD     PC     RL    PSF    PQF2     DAP    APF    APR    TT2     DW2    RA232
TIME(3MGPS)   LAT        LONG      GX       GY      GS   RTT3   RTT4   RTT5          PQF3     DBP    BPF    BPR     RS     DW3    3MGSP
TIME(ASGPS)   LAT        LONG                                                                                                     ASGSP

14:02:00  27 50.7   -82 30.4     -0.0     -0.0     0.0  224.8   -0.8   -0.1 1020.6     0.1     0.2   -0.0   33.1   19.0    15.3      -6*
14:02:01  27 50.7   -82 30.4     -0.0     -0.0     0.0  224.9   -0.8   -0.2 1020.8     0.2    -0.0   -0.0    0.0   19.7    13.7       1
14:02:01  27 50.8   -82 30.4     -0.0     -0.0     0.0                                 0.2     0.1    0.0    0.2   29.0    -0.0       7
00000000   0  0.0     0  0.0                                                                                                           0

14:02:30  27 50.7   -82 30.4      0.0     -0.0     0.0  224.8   -1.5   -0.0 1020.4    -0.2*    0.2   -0.0   33.1   18.9    15.1      -6*
14:02:31  27 50.7   -82 30.4     -0.0      0.0     0.0  224.8   -1.5   -0.2 1021.1    -0.0*    0.0   -0.4    0.0   19.3    14.4       1
14:02:31  27 50.8   -82 30.4     -0.0     -0.0     0.0                                 0.2     0.2   -0.2    0.2   28.9    -0.0       9
00000000   0  0.0     0  0.0                                                                                                           0

14:03:00  27 50.7   -82 30.4     -0.6     -0.6     0.8  225.0   -0.7   -0.0 1020.7     0.2     0.1   -0.0   33.1   19.1    15.0      -6*
14:03:01  27 50.7   -82 30.4     -0.6     -0.6     0.9  225.0   -0.7   -0.1 1020.7     0.3    -0.0   -0.0    0.0   19.6    14.1       1
14:03:01  27 50.8   -82 30.4     -0.6     -0.6     0.8                                 0.2     0.1   -0.1    0.2   29.0    -0.0      10
00000000   0  0.0     0  0.0                                                                                                           0

14:03:30  27 50.7   -82 30.4     -6.0     -5.9     8.4  226.3   -0.7    0.1 1020.7     0.5     0.7   -0.0   33.1   18.1    15.5      -6*
14:03:31  27 50.7   -82 30.4     -6.0     -5.9     8.4  226.3*  -0.8   -0.0 1020.8     0.6     0.2   -0.0    0.0   18.6    15.7       1
14:03:31  27 50.8   -82 30.4     -6.0     -6.0     8.5                                 0.1     0.5   -0.8    0.2   29.0    -0.0      10
00000000   0  0.0     0  0.0                                                                                                           0

14:04:00  27 50.7   -82 30.6    -12.9      0.1    12.9  270.2   -0.4   -0.2 1020.7     0.8     1.0   -0.0   33.2   17.9    15.7      -6*
14:04:01  27 50.7   -82 30.6    -13.0      0.1    13.0  270.2   -0.4   -0.4 1020.8     1.0     0.6   -0.1    0.0   18.4    15.3       1
14:04:01  27 50.7   -82 30.6    -13.0      0.0    13.0                                 0.2     0.9   -0.1    0.2   29.1    -0.0       7
00000000   0  0.0     0  0.0                                                                                                           0

14:04:30  27 50.7   -82 30.9    -14.2     -0.0    14.2  269.7   -0.5   -0.1 1020.3     1.1     1.5   -0.0   33.2   18.0    15.4      -6*
14:04:31  27 50.7   -82 30.9    -14.2     -0.0    14.2  269.8   -0.4   -0.3 1020.6     1.3     0.6    0.4    0.0   18.5    15.1       1
14:04:31  27 50.7   -82 30.9    -14.3     -0.1    14.3                                 0.2     1.0    0.2    0.2   28.8    -0.0       8
00000000   0  0.0     0  0.0                                                                                                           0

14:05:00  27 50.7   -82 31.1    -11.3     -0.1    11.3  269.5   -0.5   -0.3 1020.5     0.6     0.9   -0.0   33.2   18.1    15.5      -6*
14:05:01  27 50.7   -82 31.1    -11.3     -0.1    11.3  269.5   -0.5   -0.4 1020.7     0.8     0.3    0.2    0.0   18.7    14.8       1
14:05:01  27 50.7   -82 31.1    -11.3     -0.0    11.3                                 0.2     0.6   -0.0    0.2   29.0    -0.0       8
00000000   0  0.0     0  0.0                                                                                                           0

14:05:30  27 50.7   -82 31.3    -10.8     -0.3    10.8  267.9   -0.7   -0.5 1020.5     0.6     0.8   -0.0   33.2   18.3    15.6      -6*
14:05:31  27 50.7   -82 31.3    -10.8     -0.3    10.8  267.9*  -0.7   -0.6 1020.8     0.8     0.2    0.3    0.0   18.8    15.1       1
14:05:31  27 50.7   -82 31.3    -10.9     -0.3    10.9                                 0.2     0.6   -0.5    0.2   29.1    -0.0      12
00000000   0  0.0     0  0.0                                                                                                           0

14:06:00  27 50.6   -82 31.4     -6.4     -7.7    10.0  219.6   -0.7   -0.2 1020.6     0.8     0.9   -0.0   33.2   18.4    15.7      -6*
14:06:01  27 50.6   -82 31.4     -6.4     -7.7    10.1  219.6   -0.7   -0.4 1020.8     0.9     0.4    0.3    0.0   19.0    15.4       1
14:06:01  27 50.6   -82 31.4     -6.4     -7.8    10.1                                 0.2     0.8   -1.1    0.2   29.0    -0.0      10
00000000   0  0.0     0  0.0                                                                                                           0

14:06:30  27 50.5   -82 31.5     -0.5      0.4     0.7  310.1   -1.1   -0.3 1020.8    -0.0*    0.2   -0.0   33.3   19.2    15.6      -6*
14:06:31  27 50.5   -82 31.5     -0.5      0.4     0.7  310.1   -1.1   -0.4 1020.9     0.1    -0.0   -0.0    0.0   19.8    14.3       1
14:06:31  27 50.6   -82 31.5     -0.7      0.6     0.9                                 0.2     0.1    0.1    0.2   29.0    -0.0       9
00000000   0  0.0     0  0.0                                                                                                           0
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A/C 42, Flgt  1/13/1998, Proj hur01                                                                    Run on Wed Sep  5 09:4
TIME (INE1)   LAT        LONG      GX       GY      GS     HD     PC     RL    PSW    PQF1     PQW     LW     RD    TT1     DW1    RA159
TIME (INE2)   LAT        LONG      GX       GY      GS     HD     PC     RL    PSF    PQF2     DAP    APF    APR    TT2     DW2    RA232
TIME(3MGPS)   LAT        LONG      GX       GY      GS   RTT3   RTT4   RTT5          PQF3     DBP    BPF    BPR     RS     DW3    3MGSP
TIME(ASGPS)   LAT        LONG                                                                                                     ASGSP

14:07:00  27 50.5   -82 31.5      0.0      0.0     0.0  310.1   -0.9   -0.2 1020.8     0.1     0.2   -0.0   33.2   19.6    15.6      -6*
14:07:01  27 50.5   -82 31.5      0.0     -0.0     0.0  310.1   -0.9   -0.3 1020.9     0.2    -0.0   -0.2    0.0   20.1    14.9       1
14:07:01  27 50.6   -82 31.5      0.0      0.0     0.0                                 0.1     0.1    0.1    0.2   29.0    -0.0       7
00000000   0  0.0     0  0.0                                                                                                           0

14:07:30  27 50.5   -82 31.5      0.0      0.0     0.0  310.1   -0.9   -0.2 1020.8     0.1     0.2   -0.0   33.2   19.7    15.6      -6*
14:07:31  27 50.5   -82 31.5      0.0     -0.0     0.0  310.1   -0.9   -0.4 1020.9     0.3    -0.0   -0.0    0.0   20.2    15.1       1
14:07:31  27 50.6   -82 31.5     -0.0      0.0     0.0                                 0.1     0.1    0.1    0.2   29.0    -0.0       8
00000000   0  0.0     0  0.0                                                                                                           0

14:08:00  27 50.5   -82 31.5     -2.2      1.9     2.9  310.8   -0.7   -0.2 1020.8     0.1     0.3   -0.0   33.2   19.7    15.5      -6*
14:08:01  27 50.5   -82 31.5     -2.2      1.9     2.9  310.8   -0.7   -0.3 1020.9     0.2    -0.0   -0.0    0.0   20.1    14.9       1
14:08:01  27 50.6   -82 31.5     -2.2      1.9     2.9                                 0.1     0.1    0.2    0.2   29.1    -0.0       8
00000000   0  0.0     0  0.0                                                                                                           0

14:08:30  27 50.6   -82 31.6      1.9      2.6     3.2   36.3   -1.2   -0.1 1020.7    -0.1*    0.4   -0.0   33.3   18.8    15.5      -6*
14:08:31  27 50.6   -82 31.6      1.9      2.6     3.2   36.3   -1.2   -0.2 1020.9     0.1     0.2   -0.2    0.0   19.2    15.1       1
14:08:31  27 50.7   -82 31.5      2.0      2.8     3.5                                 0.1     0.3    0.9    0.2   29.0    -0.0       8
00000000   0  0.0     0  0.0                                                                                                           0

14:09:00  27 50.6   -82 31.6      0.1      0.0     0.1   37.0   -1.0   -0.0 1020.8    -0.1*    0.2   -0.0   33.3   18.8    15.6      -6*
14:09:01  27 50.6   -82 31.6      0.0     -0.0     0.0   37.0   -1.0   -0.2 1020.7     0.0     0.1    0.3    0.0   19.2    14.9       1
14:09:01  27 50.7   -82 31.5     -0.0     -0.0     0.0                                 0.1     0.1    0.5    0.2   29.0    -0.0       3
00000000   0  0.0     0  0.0                                                                                                           0

14:09:30  27 50.6   -82 31.6      0.1      0.0     0.1   37.0   -1.0   -0.1 1020.7    -0.0*    0.3   -0.0   33.2   18.9    15.6      -6*
14:09:31  27 50.6   -82 31.6      0.0     -0.0     0.0   37.0   -1.0   -0.2 1020.8     0.1     0.0   -0.0    0.0   19.3    15.1       1
14:09:31  27 50.7   -82 31.5      0.0     -0.0     0.0                                 0.1     0.2    0.5    0.2   29.0    -0.0       3
00000000   0  0.0     0  0.0                                                                                                           0

14:10:00  27 50.9   -82 31.2     38.4     44.8    59.0   41.4   -2.3   -1.0 1020.1    21.6    23.0   -0.0   32.9   19.6    15.5       1
14:10:01  27 50.9   -82 31.2     38.4     44.8    59.0   41.4   -2.3   -1.1 1021.7    21.7    24.3  -11.4    0.0   20.2    15.3       1
14:10:01  27 51.0   -82 31.2     38.0     44.7    58.7                                 0.1    24.5    5.3    0.2   29.1    -0.0       6
00000000   0  0.0     0  0.0                                                                                                           0

14:10:30  27 51.8   -82 30.3     65.7     55.9    86.3   55.9    5.3   14.2 1007.0    45.6    48.3   -0.0   32.9   21.4    15.3      96
14:10:31  27 51.8   -82 30.3     65.7     55.9    86.2   55.9*   5.2   14.1 1009.9    45.6    46.9    3.0    0.0   22.2    14.9      98
14:10:31  27 51.9   -82 30.3     65.3     56.3    86.2                                 0.1    51.5  -12.3    0.2   29.1    -0.0     105
00000000   0  0.0     0  0.0                                                                                                           0

14:11:00  27 52.4   -82 28.7     97.4     25.4   100.7   81.1    6.7   -0.2  994.6    63.5    66.6   -0.0   33.1   24.4    16.3     208
14:11:01  27 52.4   -82 28.7     97.4     25.4   100.7   81.1    6.7   -0.3  997.7    63.5    65.1    6.2    0.0   25.4    16.0     206
14:11:01  27 52.4   -82 28.8     97.4     25.4   100.7                                 0.1    70.7   -6.4    0.2   29.1    -0.0     209
00000000   0  0.0     0  0.0                                                                                                           0

14:11:30  27 52.8   -82 26.9    100.2     28.5   104.2   80.6    5.5    0.4  972.5    63.8    66.8   -0.0   33.1   23.7    15.5     405
14:11:31  27 52.8   -82 26.9    100.2     28.5   104.2   80.6    5.5    0.3  975.4    63.8    64.8    1.8    0.0   24.6    15.4     401
14:11:31  27 52.9   -82 27.0    100.2     28.5   104.1                                 0.1    70.6  -11.2    0.2   28.9    -0.0     405
00000000   0  0.0     0  0.0                                                                                                           0
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A/C 42, Flgt  1/13/1998, Proj hur01                                                                    Run on Wed Sep  5 09:4
TIME (INE1)   LAT        LONG      GX       GY      GS     HD     PC     RL    PSW    PQF1     PQW     LW     RD    TT1     DW1    RA159
TIME (INE2)   LAT        LONG      GX       GY      GS     HD     PC     RL    PSF    PQF2     DAP    APF    APR    TT2     DW2    RA232
TIME(3MGPS)   LAT        LONG      GX       GY      GS   RTT3   RTT4   RTT5          PQF3     DBP    BPF    BPR     RS     DW3    3MGSP
TIME(ASGPS)   LAT        LONG                                                                                                     ASGSP

14:12:00  27 53.3   -82 25.1     97.0     47.4   107.9   68.3    7.1  -15.7  953.6    63.2    65.7   -0.0   21.4   22.7    15.6     578
14:12:01  27 53.3   -82 25.1     97.0     47.4   107.9   68.3*   7.1  -15.8  956.2    63.2    64.2    0.3    0.0   23.4    15.0     572
14:12:01  27 53.4   -82 25.1     97.1     46.8   107.8                                 0.1    69.7   -8.6    0.2   18.9    -0.0     574
00000000   0  0.0     0  0.0                                                                                                           0

14:12:30  27 54.7   -82 23.8     51.7    101.3   113.7   29.0    7.3   -1.7  923.4    65.5    68.5   -0.1   21.6   22.9     1.8     843
14:12:31  27 54.7   -82 23.8     51.7    101.3   113.7   29.0*   7.3   -1.9  926.5    65.5    65.4    2.2    0.0   23.4     2.1     839
14:12:31  27 54.7   -82 23.8     51.6    101.4   113.8                                 0.1    72.2  -18.8    0.2   19.2    -0.0     845
00000000   0  0.0     0  0.0                                                                                                           0

14:13:00  27 56.3   -82 23.0     10.8    109.4   109.9    4.9    8.3  -20.1  890.6    59.4    61.9   -0.1   21.5   22.8   -10.6    1159
14:13:01  27 56.3   -82 23.0     10.8    109.4   109.9    4.9*   8.3  -20.2  893.0    59.5    59.9    4.1    0.0   23.4    -9.9    1150
14:13:01  27 56.4   -82 23.0     11.4    109.4   110.0                                 0.1    65.6  -11.5    0.2   18.6    -0.0    1159
00000000   0  0.0     0  0.0                                                                                                           0

14:13:30  27 58.2   -82 23.1     -4.9    116.3   116.4  357.7    6.8   -0.1  870.6    65.8    68.9   -0.1   21.8   22.8   -10.6    1336
14:13:31  27 58.2   -82 23.1     -4.8    116.3   116.4  357.8    6.8   -0.2  873.7    65.8    66.0    0.5    0.0   23.4    -9.5    1327
14:13:31  27 58.2   -82 23.1     -5.0    116.4   116.5                                 0.1    72.1  -12.2    0.2   18.8    -0.0    1344
00000000   0  0.0     0  0.0                                                                                                           0

14:14:00  28  0.0   -82 23.1     -2.6    107.8   107.8  359.2    7.1    0.5  836.1    60.0    62.9   -0.1   22.0   19.9     1.9    1666
14:14:01  28  0.0   -82 23.1     -2.6    107.8   107.8  359.2    7.1    0.4  838.9    60.0    60.1    2.8    0.0   20.3     2.7    1656
14:14:01  28  0.1   -82 23.1     -2.7    107.9   107.9                                 0.1    65.9  -12.5    0.2   17.0    -0.0    1687
00000000   0  0.0     0  0.0                                                                                                           0

14:14:30  28  1.8   -82 23.2     -3.5    110.4   110.5  358.2    5.4   -0.9  813.9    61.9    64.8    0.1   21.7   18.2     1.6    1901
14:14:31  28  1.8   -82 23.2     -3.4    110.4   110.5  358.3    5.3   -0.9  816.7    61.9    61.8    1.0    0.0   18.5     2.0    1890
14:14:31  28  1.8   -82 23.2     -3.6    110.4   110.5                                 0.1    67.7  -13.0    0.2   15.5    -0.0    1910
00000000   0  0.0     0  0.0                                                                                                           0

14:15:00  28  3.5   -82 23.4    -40.9     98.7   106.8  336.6    8.7  -16.1  788.5    60.8    63.4    0.1   21.6   15.9     3.4    2172
14:15:01  28  3.5   -82 23.4    -40.8     98.7   106.8  336.6*   8.7  -16.2  791.1    60.8    60.7    3.7    0.0   16.2     3.3    2165
14:15:01  28  3.6   -82 23.5    -40.5     99.0   107.0                                 0.1    66.8  -14.9    0.2   13.5    -0.0    2179
00000000   0  0.0     0  0.0                                                                                                           0

14:15:30  28  5.0   -82 24.5    -58.3     89.6   106.9  326.1    4.7    0.9  765.3    62.8    65.6    0.1   20.9   15.1     1.9    2414
14:15:31  28  5.0   -82 24.5    -58.2     89.6   106.9  326.2    4.7    0.7  768.1    62.8    62.6    0.9    0.0   15.4     1.8    2410
14:15:31  28  5.1   -82 24.5    -58.4     89.6   107.0                                 0.1    68.4  -11.7    0.2   13.1    -0.0    2423
00000000   0  0.0     0  0.0                                                                                                           0

14:16:00  28  6.5   -82 25.5    -58.5     91.2   108.3  325.3    6.2    0.5  745.8    61.7    64.5    0.1   20.5   14.0    -0.2    2633
14:16:01  28  6.5   -82 25.5    -58.4     91.2   108.3  325.3    6.2    0.4  748.7    61.7    61.5    3.3   -9.8   14.2    -0.1    2619
14:16:01  28  6.5   -82 25.5    -58.6     91.2   108.4                                62.0    67.4  -12.2   -2.3   12.2    -0.0    2631
00000000   0  0.0     0  0.0                                                                                                           0

14:16:30  28  8.0   -82 26.6    -59.3     93.8   111.0  325.3    5.3   -0.5  728.0    61.2    64.2    0.1   20.2   12.6    -5.0    2821
14:16:31  28  8.0   -82 26.6    -59.2     93.8   110.9  325.4    5.3   -0.5  730.8    61.2    60.9    3.6   -9.6   12.8    -4.6    2807
14:16:31  28  8.0   -82 26.6    -59.4     93.8   111.1                                61.6    66.9  -13.3   -2.7   11.1    -0.0    2833
00000000   0  0.0     0  0.0                                                                                                           0
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A/C 42, Flgt  1/13/1998, Proj hur01                                                                 Run on Wed Sep  5 09:4
TIME (INE1)  LAT       LONG      GX      GY     GS     HD     PC     RL    PSW   PQF1    PQW     LW     RD    TT1    DW1  RA159
TIME (INE2)  LAT       LONG      GX      GY     GS     HD     PC     RL    PSF   PQF2    DAP    APF    APR    TT2    DW2  RA232
TIME(3MGPS)  LAT       LONG      GX      GY     GS   RTT3   RTT4   RTT5          PQF3    DBP    BPF    BPR     RS    DW3  3MGSP
TIME(ASGPS)  LAT       LONG                                                                                              ASGSP

14:17:00  28  9.5   -82 27.7   -59.6    99.9  116.3  325.8    4.4    1.2  714.0   64.3   67.3    0.1   20.1   12.1  -12.9   2968
14:17:01  28  9.5   -82 27.7   -59.6    99.8  116.3  325.8    4.3    1.0  716.9   64.3   63.8    1.6  -10.9   12.2  -12.0   2960
14:17:01  28  9.6   -82 27.7   -59.8    99.8  116.4                                64.7   69.9  -12.5   -2.3   10.5   -0.0   2992
00000000   0  0.0     0  0.0                                                                                                    0

14:17:30  28 11.2   -82 28.8   -59.4   103.0  118.9  326.4    4.6   -1.8  699.0   64.0   67.2    0.1   19.7   10.9  -14.8   3143
14:17:31  28 11.2   -82 28.8   -59.3   102.9  118.8  326.4    4.6   -2.0  702.3   64.0   63.7    1.0  -11.2   11.0  -13.6   3130
14:17:31  28 11.2   -82 28.8   -59.5   102.9  118.9                                64.3   69.8  -14.8   -3.3    9.3   -0.0   3164
00000000   0  0.0     0  0.0                                                                                                    0

14:18:00  28 12.9   -82 29.9   -59.0   102.7  118.5  327.3    6.7   -1.2  682.0   63.4   66.9    0.1   20.1    9.2  -14.9   3349
14:18:01  28 12.9   -82 29.9   -58.9   102.7  118.4  327.4    6.7   -1.4  685.3   63.5   63.0    2.4  -10.5    9.3  -13.8   3333
14:18:01  28 12.9   -82 29.9   -59.1   102.8  118.6                                63.7   69.3  -18.7   -4.7    8.2   -0.0   3360
00000000   0  0.0     0  0.0                                                                                                    0

14:18:30  28 14.5   -82 31.0   -58.0   101.1  116.6  327.9    4.9   -0.2  663.1   61.1   64.2    0.1   19.6    7.0   -6.9   3573
14:18:31  28 14.5   -82 31.0   -58.0   101.0  116.5  327.9    4.8   -0.3  666.3   61.2   60.7    4.5   -9.1    6.9   -6.7   3558
14:18:31  28 14.5   -82 31.0   -58.2   101.0  116.6                                61.4   66.8  -17.2   -4.2    6.9   -0.0   3587
00000000   0  0.0     0  0.0                                                                                                    0

14:19:00  28 16.1   -82 32.1   -61.8   100.4  117.9  326.1    6.5   -0.2  649.8   64.2   67.3    0.1   18.9    6.8  -10.5   3734
14:19:01  28 16.1   -82 32.1   -61.7   100.3  117.8  326.1*   6.4   -0.4  653.2   64.2   63.9    3.2  -10.1    6.8  -10.4   3724
14:19:01  28 16.2   -82 32.1   -62.0   100.4  118.0                                64.5   69.9  -14.0   -3.0    6.3   -0.0   3747
00000000   0  0.0     0  0.0                                                                                                    0

14:19:30  28 17.7   -82 33.2   -55.9    97.2  112.1  328.1    4.8    1.7  629.1   57.8   60.8    0.1   18.7    5.0   -6.7   3995
14:19:31  28 17.7   -82 33.2   -55.8    97.1  112.0  328.1    4.8    1.5  632.1   57.8   57.4    6.1   -7.8    4.7   -6.8   3982
14:19:31  28 17.7   -82 33.2   -56.1    97.1  112.1                                58.1   63.2  -15.7   -3.7    5.1   -0.0   4009
00000000   0  0.0     0  0.0                                                                                                    0

14:20:00  28 19.3   -82 34.2   -66.7    90.5  112.5  321.4    6.2   -1.3  617.1   61.2   64.3    0.1   18.9    6.1  -12.8   4154
14:20:01  28 19.3   -82 34.2   -66.7    90.5  112.4  321.4    6.2   -1.5  620.2   61.2   61.0    3.5   -9.3    5.9  -13.0   4134
14:20:01  28 19.3   -82 34.2   -67.0    90.4  112.6                                61.5   66.5  -10.8   -2.1    5.3   -0.0   4160
00000000   0  0.0     0  0.0                                                                                                    0

14:20:30  28 20.7   -82 35.5   -67.7    90.2  112.8  321.8    4.6   -0.1  603.9   59.6   62.3    0.1   19.0    3.8  -11.4   4328
14:20:31  28 20.7   -82 35.5   -67.6    90.1  112.7  321.8    4.6   -0.2  606.9   59.6   59.1    4.2   -8.8    3.5  -11.9   4307
14:20:31  28 20.8   -82 35.5   -67.8    90.2  112.8                                59.9   64.7  -13.4   -2.9    4.2   -0.0   4335
00000000   0  0.0     0  0.0                                                                                                    0

14:21:00  28 22.2   -82 36.7   -71.9    93.8  118.2  320.6    1.9    0.6  596.9   64.9   68.0    0.1   18.9    3.9  -13.2   4417
14:21:01  28 22.2   -82 36.7   -71.9    93.7  118.1  320.6    1.8    0.4  600.1   64.9   64.1   -2.9  -12.9    3.7  -13.1   4403
14:21:01  28 22.3   -82 36.8   -72.1    93.7  118.2                                65.1   69.9  -14.7   -3.2    3.7   -0.0   4425
00000000   0  0.0     0  0.0                                                                                                    0

14:21:30  28 23.8   -82 38.1   -74.0   101.9  125.9  321.6    1.5    1.0  597.0   72.5   75.9    0.1   18.8    4.5  -13.6   4415
14:21:31  28 23.8   -82 38.1   -73.9   101.7  125.7  321.7    1.5    0.8  600.5   72.5   72.1   -4.9  -14.9    4.3  -13.7   4401
14:21:31  28 23.8   -82 38.1   -74.1   101.8  125.9                                72.9   77.8   -5.8    0.2    3.6   -0.0   4416
00000000   0  0.0     0  0.0
```



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A/C 42, Flgt  1/13/1998, Proj hur01                                                                 Run on Wed Sep  5 09:4
TIME (INE1)  LAT       LONG      GX      GY     GS     HD     PC     RL    PSW   PQF1    PQW     LW     RD    TT1    DW1  RA159
TIME (INE2)  LAT       LONG      GX      GY     GS     HD     PC     RL    PSF   PQF2    DAP    APF    APR    TT2    DW2  RA232
TIME(3MGPS)  LAT       LONG      GX      GY     GS   RTT3   RTT4   RTT5          PQF3    DBP    BPF    BPR     RS    DW3  3MGSP
TIME(ASGPS)  LAT       LONG                                                                                              ASGSP

14:22:00  28 25.5   -82 39.4   -72.2   104.3  126.9  323.4    2.4   -1.2  598.3   73.4   76.9    0.1   18.5    5.0  -12.9   4403
14:22:01  28 25.5   -82 39.4   -72.2   104.2  126.7  323.5    2.4   -1.3  601.8   73.4   72.1   -1.4  -13.6    4.9  -12.9   4384
14:22:01  28 25.5   -82 39.5   -72.3   104.3  126.9                                73.7   78.7  -15.7   -3.4    3.7   -0.0   4399
00000000   0  0.0     0  0.0                                                                                                    0

14:22:30  28 27.1   -82 40.8   -77.9    95.8  123.5  319.5    2.0   -1.9  597.7   71.1   74.5    0.1   18.8    4.6  -12.4   4410
14:22:31  28 27.1   -82 40.8   -77.9    95.6  123.3  319.5    2.0   -2.1  601.0   71.1   70.1   -5.4  -14.9    4.4  -12.6   4395
14:22:31  28 27.1   -82 40.9   -78.1    95.7  123.5                                71.4   76.2  -14.2   -2.9    3.2   -0.0   4412
00000000   0  0.0     0  0.0                                                                                                    0

14:23:00  28 28.6   -82 42.3   -75.5    96.2  122.3  320.4    1.7   -0.8  598.4   69.9   73.3    0.1   18.6    4.5  -11.7   4404
14:23:01  28 28.6   -82 42.3   -75.4    96.1  122.2  320.4    1.7   -0.9  601.7   69.9   68.7   -2.0  -13.3    4.3  -11.9   4390
14:23:01  28 28.7   -82 42.3   -75.7    96.2  122.4                                70.1   75.0  -16.0   -3.5    3.3   -0.0   4400
00000000   0  0.0     0  0.0                                                                                                    0

14:23:30  28 30.2   -82 43.7   -72.7    96.8  121.0  321.1    2.0    0.7  598.6   68.0   71.3    0.1   19.0    4.2  -11.1   4405
14:23:31  28 30.1   -82 43.7   -72.6    96.6  120.9  321.2    2.0    0.5  601.9   68.1   67.2   -0.9  -12.5    4.0  -11.2   4388
14:23:31  28 30.2   -82 43.7   -72.9    96.6  121.1                                68.4   73.1  -12.6   -2.4    3.5   -0.0   4395
00000000   0  0.0     0  0.0                                                                                                    0

14:24:00  28 31.8   -82 45.0   -71.6    98.0  121.4  322.0    2.1   -0.2  598.8   67.0   70.3    0.1   19.2    3.8  -15.0   4404
14:24:01  28 31.7   -82 45.0   -71.5    97.9  121.2  322.1    2.1   -0.4  601.9   67.1   66.3    0.4  -11.7    3.6  -15.1   4390
14:24:01  28 31.8   -82 45.0   -71.8    97.9  121.4                                67.4   72.2  -11.7   -2.0    3.1   -0.0   4397
00000000   0  0.0     0  0.0                                                                                                    0

14:24:30  28 33.3   -82 46.3   -72.6    98.9  122.7  322.3    2.0   -0.5  598.7   67.6   71.0    0.1   18.9    3.7  -17.2   4404
14:24:31  28 33.3   -82 46.3   -72.6    98.7  122.5  322.4    2.0   -0.6  601.9   67.7   66.9   -0.5  -12.2    3.5  -17.1   4390
14:24:31  28 33.4   -82 46.3   -72.8    98.7  122.7                                68.0   72.8  -11.1   -1.8    3.0   -0.0   4397
00000000   0  0.0     0  0.0                                                                                                    0

14:25:00  28 35.0   -82 47.6   -73.3    99.9  123.9  322.0    2.0   -0.2  598.6   69.5   73.0    0.1   19.0    4.0  -12.7   4406
14:25:01  28 34.9   -82 47.6   -73.2    99.7  123.7  322.1    1.9   -0.4  601.9   69.6   68.7   -2.2  -13.3    3.8  -12.9   4391
14:25:01  28 35.0   -82 47.7   -73.5    99.8  123.9                                69.9   74.8  -13.3   -2.6    3.3   -0.0   4398
00000000   0  0.0     0  0.0                                                                                                    0

14:25:30  28 36.6   -82 49.0   -74.9   100.1  125.1  321.2    1.8   -1.1  598.4   70.7   74.2    0.1   18.8    4.3  -11.2   4406
14:25:31  28 36.6   -82 49.0   -74.9    99.9  124.9  321.2    1.7   -1.2  601.8   70.7   70.0   -3.8  -14.2    4.1  -10.7   4392
14:25:31  28 36.6   -82 49.0   -75.2   100.0  125.1                                71.0   75.9  -11.4   -1.9    3.1   -0.0   4398
00000000   0  0.0     0  0.0                                                                                                    0

14:26:00  28 38.2   -82 50.4   -77.3   100.1  126.5  320.4    1.6   -0.6  598.5   71.7   75.1    0.1   18.7    4.3  -10.9   4406
14:26:01  28 38.2   -82 50.4   -77.3    99.9  126.2  320.4    1.7   -0.7  601.9   71.7   70.8   -4.7  -14.7    4.1  -11.0   4392
14:26:01  28 38.2   -82 50.5   -77.5    99.9  126.5                                72.0   76.9  -12.7   -2.3    3.0   -0.0   4394
00000000   0  0.0     0  0.0                                                                                                    0

14:26:30  28 39.8   -82 51.8   -76.7    99.5  125.6  320.2    1.9   -0.1  596.3   70.8   74.1    0.1   18.5    3.8  -10.3   4434
14:26:31  28 39.8   -82 51.8   -76.7    99.3  125.4  320.2    1.9   -0.2  599.6   70.8   70.0   -2.8  -13.7    3.6  -10.2   4421
14:26:31  28 39.8   -82 51.9   -77.0    99.3  125.7                                71.2   76.0  -12.2   -2.1    2.8   -0.0   4423
00000000   0  0.0     0  0.0                                                                                                    0
```



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A/C 42, Flgt  1/13/1998, Proj hur01                                                                 Run on Wed Sep  5 09:4
TIME (INE1)  LAT       LONG      GX      GY     GS     HD     PC     RL    PSW   PQF1    PQW     LW     RD    TT1    DW1  RA159
TIME (INE2)  LAT       LONG      GX      GY     GS     HD     PC     RL    PSF   PQF2    DAP    APF    APR    TT2    DW2  RA232
TIME(3MGPS)  LAT       LONG      GX      GY     GS   RTT3   RTT4   RTT5          PQF3    DBP    BPF    BPR     RS    DW3  3MGSP
TIME(ASGPS)  LAT       LONG                                                                                              ASGSP

14:27:00  28 41.4   -82 53.2   -76.3    99.0  125.0  320.3    2.0   -0.3  595.1   69.9   73.4    0.1   18.5    3.5  -10.3   4450
14:27:01  28 41.4   -82 53.2   -76.2    98.8  124.8  320.3    1.9   -0.4  598.4   69.9   69.2   -3.9  -14.0    3.3  -10.7   4438
14:27:01  28 41.4   -82 53.3   -76.5    98.8  125.0                                70.2   75.1  -11.6   -1.9    2.6   -0.0   4440
00000000   0  0.0     0  0.0                                                                                                    0

14:27:30  28 43.1   -82 54.6   -76.7    99.7  125.8  320.3    2.0   -0.4  595.4   71.8   75.4    0.1   18.3    3.6   -9.5   4445
14:27:31  28 43.0   -82 54.6   -76.7    99.5  125.6  320.3    1.9   -0.6  598.8   71.8   70.9   -4.6  -14.6    3.4   -9.5   4431
14:27:31  28 43.1   -82 54.7   -76.9    99.6  125.8                                72.1   77.0  -12.5   -2.2    2.7   -0.0   4433
00000000   0  0.0     0  0.0                                                                                                    0

14:28:00  28 44.7   -82 56.0   -76.9    99.9  126.1  320.3    1.5   -0.4  595.2   73.7   77.2    0.1   18.2    4.0   -8.9   4446
14:28:01  28 44.6   -82 56.0   -76.9    99.6  125.9  320.3    1.5   -0.5  598.7   73.7   72.8   -6.1  -15.6    3.8   -9.2   4435
14:28:01  28 44.7   -82 56.1   -77.2    99.7  126.1                                74.0   78.9  -12.0   -2.0    2.4   -0.0   4435
00000000   0  0.0     0  0.0                                                                                                    0

14:28:30  28 46.3   -82 57.5   -77.4   100.1  126.6  320.3    1.5   -0.6  595.3   74.3   77.9    0.1   18.1    4.1   -8.5   4446
14:28:31  28 46.2   -82 57.5   -77.4    99.9  126.3  320.4    1.5   -0.7  598.7   74.3   73.3   -6.8  -16.1    3.8   -8.8   4433
14:28:31  28 46.3   -82 57.5   -77.6   100.0  126.6                                74.5   79.5  -12.5   -2.2    2.6   -0.0   4435
00000000   0  0.0     0  0.0                                                                                                    0

14:29:00  28 47.9   -82 58.9   -77.2    98.8  125.4  320.3    1.8   -0.5  595.5   72.3   75.8    0.1   18.1    3.6   -8.2   4443
14:29:01  28 47.8   -82 58.9   -77.2    98.6  125.2  320.3    1.7   -0.6  598.9   72.4   71.5   -4.6  -14.8    3.4   -8.5   4428
14:29:01  28 47.9   -82 59.0   -77.4    98.7  125.4                                72.7   77.5  -11.9   -2.0    2.3   -0.0   4434
00000000   0  0.0     0  0.0                                                                                                    0

14:29:30  28 49.5   -83  0.3   -76.2    97.8  124.0  320.0    1.8   -0.2  595.6   70.8   74.2    0.1   17.8    3.4   -8.4   4442
14:29:31  28 49.4   -83  0.3   -76.2    97.5  123.7  320.0    1.8   -0.3  598.8   70.8   69.8   -3.3  -13.9    3.2   -8.6   4428
14:29:31  28 49.5   -83  0.4   -76.5    97.6  124.0                                71.1   76.0  -13.0   -2.4    2.5   -0.0   4438
00000000   0  0.0     0  0.0                                                                                                    0

14:30:00  28 51.1   -83  1.7   -74.8    97.8  123.2  320.0    1.8    0.0  595.6   69.5   72.9    0.1   17.8    3.1   -8.1   4442
14:30:01  28 51.0   -83  1.7   -74.8    97.5  122.9  320.0    1.8   -0.1  598.8   69.5   68.7   -2.8  -13.5    2.8   -8.4   4428
14:30:01  28 51.1   -83  1.8   -75.1    97.6  123.2                                69.8   74.6  -11.4   -1.8    2.2   -0.0   4438
00000000   0  0.0     0  0.0                                                                                                    0

14:30:30  28 52.7   -83  3.1   -73.4    97.6  122.1  320.0    1.9   -0.2  595.6   69.2   72.7    0.1   17.7    3.2   -7.9   4443
14:30:31  28 52.6   -83  3.1   -73.4    97.3  121.9  320.0    1.9   -0.3  598.8   69.3   68.5   -3.0  -13.5    3.0   -9.1   4430
14:30:31  28 52.7   -83  3.1   -73.6    97.4  122.1                                69.6   74.3  -10.7   -1.6    2.2   -0.0   4436
00000000   0  0.0     0  0.0                                                                                                    0

14:31:00  28 54.3   -83  4.4   -72.2    97.1  121.0  320.0    2.0    0.1  595.6   69.2   72.5    0.1   17.7    3.7   -9.1   4441
14:31:01  28 54.2   -83  4.4   -72.2    96.8  120.8  320.0    1.9   -0.1  598.7   69.2   68.3   -2.3  -13.2    3.5   -8.7   4429
14:31:01  28 54.2   -83  4.5   -72.5    96.9  121.0                                69.5   74.1  -11.3   -1.8    2.4   -0.0   4435
00000000   0  0.0     0  0.0                                                                                                    0

14:31:30  28 55.8   -83  5.7   -71.3    97.3  120.7  320.0    1.9   -0.1  595.8   66.9   70.1    0.1   17.6    4.0  -10.2   4440
14:31:31  28 55.8   -83  5.7   -71.3    97.0  120.4  320.0    1.9   -0.3  598.7   66.9   66.0   -0.6  -12.1    3.8  -10.3   4427
14:31:31  28 55.8   -83  5.8   -71.5    97.1  120.6                                67.2   71.8  -12.0   -2.2    2.6   -0.0   4431
00000000   0  0.0     0  0.0                                                                                                    0
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A/C 42, Flgt  1/13/1998, Proj hur01                                                                 Run on Wed Sep  5 09:4
TIME (INE1)  LAT       LONG      GX      GY     GS     HD     PC     RL    PSW   PQF1    PQW     LW     RD    TT1    DW1  RA159
TIME (INE2)  LAT       LONG      GX      GY     GS     HD     PC     RL    PSF   PQF2    DAP    APF    APR    TT2    DW2  RA232
TIME(3MGPS)  LAT       LONG      GX      GY     GS   RTT3   RTT4   RTT5          PQF3    DBP    BPF    BPR     RS    DW3  3MGSP
TIME(ASGPS)  LAT       LONG                                                                                              ASGSP

14:32:00  28 57.4   -83  7.0   -72.5    97.2  121.2  320.2    2.0   -0.1  595.7   67.6   70.9    0.1   17.5    3.0   -7.2   4439
14:32:01  28 57.3   -83  7.0   -72.5    96.8  121.0  320.3    2.0   -0.3  598.8   67.6   66.8   -0.9  -12.4    2.7   -7.4   4427
14:32:01  28 57.4   -83  7.1   -72.7    96.9  121.2                                67.9   72.7  -11.8   -2.0    2.2   -0.0   4430
00000000   0  0.0     0  0.0                                                                                                    0

14:32:30  28 59.0   -83  8.4   -73.4    98.2  122.6  320.2    1.9   -0.1  595.6   69.3   72.8    0.1   16.9    3.5   -8.1   4442
14:32:31  28 58.9   -83  8.4   -73.4    97.9  122.3  320.3    1.9   -0.2  598.7   69.3   68.5   -2.6  -13.4    3.3   -8.5   4429
14:32:31  28 59.0   -83  8.5   -73.5    98.1  122.6                                69.6   74.4  -11.4   -1.9    2.5   -0.0   4432
00000000   0  0.0     0  0.0                                                                                                    0

14:33:00  29  0.6   -83  9.8   -74.4    99.5  124.3  320.0    1.8   -0.1  595.6   70.5   73.9    0.1    5.7    3.1   -6.9   4440
14:33:01  29  0.5   -83  9.8   -74.4    99.2  124.0  320.0    1.7   -0.2  598.7   70.5   69.6   -3.0  -13.7    2.9   -7.3   4426
14:33:01  29  0.6   -83  9.9   -74.6    99.3  124.2                                70.8   75.6  -12.0   -2.1    2.0   -0.0   4431
00000000   0  0.0     0  0.0                                                                                                    0

14:33:30  29  2.2   -83 11.1   -74.1    99.9  124.4  320.2    1.9   -0.2  595.7   70.0   73.4    0.1    4.3    3.8   -9.0   4440
14:33:31  29  2.1   -83 11.1   -74.1    99.6  124.1  320.2    1.9   -0.4  598.8   70.0   69.3   -3.2  -13.7    3.6   -9.2   4425
14:33:31  29  2.2   -83 11.2   -74.2    99.7  124.3                                70.3   75.1   -9.9   -1.3    2.4   -0.0   4430
00000000   0  0.0     0  0.0                                                                                                    0

14:34:00  29  3.8   -83 12.5   -72.5    99.0  122.7  320.2    1.8    0.0  595.5   68.8   72.1    0.1   10.8    3.5   -9.7   4443
14:34:01  29  3.7   -83 12.5   -72.5    98.6  122.4  320.2    1.8   -0.1  598.5   68.8   67.7   -1.6  -12.9    3.3   -9.3   4429
14:34:01  29  3.8   -83 12.6   -72.7    98.8  122.7                                69.1   73.9  -14.9   -3.3    2.3   -0.0   4431
00000000   0  0.0     0  0.0                                                                                                    0

14:34:30  29  5.4   -83 13.8   -72.0    99.1  122.5  320.1    1.9   -0.4  595.9   68.5   71.8    0.1   15.8    3.1   -7.9   4438
14:34:31  29  5.3   -83 13.8   -72.0    98.8  122.2  320.1    1.9   -0.5  598.8   68.5   67.6   -1.5  -12.8    2.8   -7.4   4424
14:34:31  29  5.4   -83 13.9   -72.1    98.9  122.4                                68.8   73.5  -11.5   -2.0    2.1   -0.0   4429
00000000   0  0.0     0  0.0                                                                                                    0

14:35:00  29  7.1   -83 15.2   -71.9    98.4  121.9  320.5    2.1   -0.6  595.9   66.7   69.8    0.3    2.6    2.4   -5.4   4438
14:35:01  29  6.9   -83 15.2   -71.9    98.0  121.6  320.6    2.1   -0.7  598.8   66.8   66.3    1.9  -10.9    2.2   -6.5   4424
14:35:01  29  7.0   -83 15.3   -72.0    98.3  121.8                                67.1   72.1  -10.9   -1.6    2.0   -0.0   4426
00000000   0  0.0     0  0.0                                                                                                    0

14:35:30  29  8.6   -83 16.5   -72.9    98.1  122.2  320.2    2.0   -0.2  595.9   67.6   70.9    0.2   12.7    2.5   -5.7   4437
14:35:31  29  8.5   -83 16.5   -72.9    97.8  121.9  320.2    2.0   -0.3  598.8   67.6   66.9   -2.4  -13.0    2.3   -5.9   4423
14:35:31  29  8.6   -83 16.6   -73.1    97.9  122.2                                67.9   72.7  -13.1   -2.5    1.7   -0.0   4427
00000000   0  0.0     0  0.0                                                                                                    0

14:36:00  29 10.2   -83 17.8   -71.7    98.7  122.0  320.1    1.9   -0.2  595.7   68.1   71.5    0.1    6.1    2.6   -6.2   4439
14:36:01  29 10.1   -83 17.8   -71.7    98.4  121.7  320.1    1.9   -0.4  598.7   68.1   67.2   -1.5  -12.7    2.3   -6.8   4424
14:36:01  29 10.2   -83 17.9   -71.8    98.5  121.9                                68.4   73.0  -12.1   -2.1    1.7   -0.0   4428
00000000   0  0.0     0  0.0                                                                                                    0

14:36:30  29 11.9   -83 19.2   -72.1    99.5  122.9  320.0    1.6   -0.1  595.5   71.3   74.6    0.1    4.6    3.8   -7.4   4440
14:36:31  29 11.7   -83 19.2   -72.2    99.1  122.6  320.1    1.6   -0.2  598.5   71.3   70.5   -5.0  -14.8    3.6   -7.6   4425
14:36:31  29 11.8   -83 19.3   -72.2    99.3  122.8                                71.6   76.3  -11.3   -1.8    2.2   -0.0   4429
00000000   0  0.0     0  0.0                                                                                                    0
```

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A/C 42, Flgt  1/13/1998, Proj hur01                                                                       Run on Wed Sep  5 09:4
TIME (INE1)  LAT      LONG      GX      GY     GS     HD     PC     RL    PSW   PQF1    PQW     LW     RD    TT1    DW1   RA159
TIME (INE2)  LAT      LONG      GX      GY     GS     HD     PC     RL    PSF   PQF2    DAP    APF    APR    TT2    DW2   RA232
TIME(3MGPS)  LAT      LONG      GX      GY     GS   RTT3   RTT4   RTT5         PQF3    DBP    BPF    BPR     RS    DW3   3MGSP
TIME(ASGPS)  LAT      LONG                                                                                               ASGSP

14:37:00  29 13.5   -83 20.5   -71.8    99.6  122.8  320.1    2.1   -0.0  595.7   70.6   73.9    0.1    4.4    3.3   -6.6   4435
14:37:01  29 13.3   -83 20.5   -71.9    99.2  122.5  320.1    2.0   -0.1  598.8   70.7   69.7   -2.9  -13.7    3.0   -6.7   4421
14:37:01  29 13.4   -83 20.6   -71.9    99.4  122.7                                70.9   75.7  -12.8   -2.3    2.0   -0.0   4427
00000000   0  0.0     0  0.0                                                                                                0

14:37:30  29 15.1   -83 21.8   -70.5    99.5  122.0  320.3    2.0   -0.1  595.9   69.1   72.5    0.2    3.1    3.0   -5.6   4435
14:37:31  29 14.9   -83 21.8   -70.5    99.1  121.7  320.3    1.9   -0.3  598.8   69.1   68.3   -2.2  -13.1    2.8   -6.0   4421
14:37:31  29 15.0   -83 21.9   -70.6    99.3  121.9                                69.4   74.2  -13.3   -2.7    2.1   -0.0   4426
00000000   0  0.0     0  0.0                                                                                                0

14:38:00  29 16.7   -83 23.1   -70.4    99.5  121.9  320.2    1.7   -0.3  595.7   68.6   71.9    0.2    3.4    3.1   -5.2   4437
14:38:01  29 16.5   -83 23.1   -70.5    99.1  121.6  320.2    1.7   -0.5  598.6   68.7   68.1   -2.4  -13.3    2.9   -5.7   4424
14:38:01  29 16.6   -83 23.2   -70.5    99.3  121.8                                69.0   73.9  -11.9   -2.0    1.9   -0.0   4422
00000000   0  0.0     0  0.0                                                                                                0

14:38:30  29 18.3   -83 24.4   -70.0    99.6  121.8  320.2    2.1   -0.4  596.0   68.4   71.8    0.2    4.2    3.1   -5.2   4434
14:38:31  29 18.2   -83 24.4   -70.0    99.3  121.5  320.2    2.0   -0.5  598.9   68.4   67.7   -2.1  -12.6    2.9   -5.8   4419
14:38:31  29 18.2   -83 24.5   -70.1    99.5  121.7                                68.7   73.6  -13.3   -2.6    2.3   -0.0   4418
00000000   0  0.0     0  0.0                                                                                                0

14:39:00  29 19.9   -83 25.7   -69.7    98.9  120.9  320.3    2.0   -0.4  595.9   68.2   71.5    0.3    2.9    3.1   -4.9   4434
14:39:01  29 19.8   -83 25.7   -69.7    98.5  120.7  320.4    2.0   -0.5  598.7   68.2   67.8   -1.8  -12.6    2.9   -5.7   4419
14:39:01  29 19.8   -83 25.8   -69.8    98.7  120.9                                68.6   73.5  -10.9   -1.9    2.1   -0.0   4419
00000000   0  0.0     0  0.0                                                                                                0

14:39:30  29 21.5   -83 27.0   -70.4    98.4  121.0  319.7    2.1    0.0  596.0   67.0   70.2    0.2    1.8    2.8   -5.1   4434
14:39:31  29 21.3   -83 27.0   -70.4    98.0  120.7  319.7    2.0   -0.2  598.7   67.0   66.5   -1.0  -11.6    2.6   -5.7   4419
14:39:31  29 21.4   -83 27.1   -70.5    98.2  120.9                                67.3   72.2  -10.7   -1.7    2.0   -0.0   4419
00000000   0  0.0     0  0.0                                                                                                0

14:40:00  29 23.1   -83 28.3   -72.1    98.1  121.8  319.9    1.7   -1.1  595.7   69.4   72.8    0.2    1.8    3.3   -5.2   4435
14:40:01  29 22.9   -83 28.3   -72.2    97.8  121.5  319.9    1.7   -1.3  598.7   69.4   68.5   -3.4  -12.7    3.1   -5.8   4420
14:40:01  29 23.0   -83 28.4   -72.1    98.0  121.7                                69.6   74.5  -13.7   -2.6    2.0   -0.0   4421
00000000   0  0.0     0  0.0                                                                                                0

14:40:30  29 24.7   -83 29.7   -71.0    99.3  122.1  319.0    2.3    0.4  596.0   71.0   74.5    0.2    1.8    2.9   -6.6   4429
14:40:31  29 24.5   -83 29.7   -71.1    99.0  121.9  319.1    2.3    0.3  599.1   71.0   70.3   -5.7  -13.9    2.7   -7.2   4413
14:40:31  29 24.6   -83 29.8   -71.1    99.2  122.0                                71.3   76.3  -10.5   -1.6    1.7   -0.0   4420
00000000   0  0.0     0  0.0                                                                                                0

14:41:00  29 26.3   -83 31.0   -75.9    94.7  121.4  313.8    2.5   -0.5  596.1   67.2   70.3    0.2    1.5    2.1   -8.1   4429
14:41:01  29 26.1   -83 31.0   -76.0    94.3  121.1  313.8    2.5   -0.7  599.0   67.2   66.5   -2.7  -12.1    1.9   -7.8   4412
14:41:01  29 26.2   -83 31.1   -76.0    94.5  121.3                                67.5   72.3  -10.7   -1.2    1.1   -0.0   4420
00000000   0  0.0     0  0.0                                                                                                0

14:41:30  29 27.9   -83 32.4   -74.5    99.8  124.5  316.2    2.0   -0.1  595.5   70.1   73.4    0.2    1.1    2.8   -6.3   4435
14:41:31  29 27.7   -83 32.4   -74.6    99.4  124.3  316.3*   1.9   -0.3  598.5   70.1   68.8   -4.4  -17.2    2.6   -6.5   4418
14:41:31  29 27.8   -83 32.5   -74.6    99.6  124.4                                70.3   75.2  -19.4   -4.5    1.4   -0.0   4430
00000000   0  0.0     0  0.0
```



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A/C 42, Flgt  1/13/1998, Proj hur01                                                                       Run on Wed Sep  5 09:4
TIME (INE1)  LAT      LONG      GX      GY     GS     HD     PC     RL    PSW   PQF1    PQW     LW     RD    TT1    DW1   RA159
TIME (INE2)  LAT      LONG      GX      GY     GS     HD     PC     RL    PSF   PQF2    DAP    APF    APR    TT2    DW2   RA232
TIME(3MGPS)  LAT      LONG      GX      GY     GS   RTT3   RTT4   RTT5         PQF3    DBP    BPF    BPR     RS    DW3   3MGSP
TIME(ASGPS)  LAT      LONG                                                                                               ASGSP

14:42:00  29 29.5   -83 33.8   -77.6   101.2  127.5  316.9    1.3   -0.6  595.3   74.2   77.8    0.3    1.5    3.3   -5.0   4437
14:42:01  29 29.3   -83 33.8   -77.7   100.8  127.3  317.0    1.3   -0.7  598.5   74.2   73.1   -7.7  -18.4    3.2   -5.8   4422
14:42:01  29 29.4   -83 33.9   -77.6   101.0  127.4                                73.3   79.2  -16.0   -5.0    1.7   -0.0   4431
00000000   0  0.0     0  0.0                                                                                                0

14:42:30  29 31.5   -83 34.6    12.7   141.6  142.2    2.4   -2.1   20.1  598.2   79.4   83.7    0.3    1.6    4.1   -4.4   4393
14:42:31  29 31.3   -83 34.6    12.6   141.3  141.8    2.5*  -2.1   20.0  601.8   79.4   78.1    3.5  -21.7    0.4   -6.1   4373
14:42:31  29 31.4   -83 34.7    11.0   141.4  141.8                                69.9   84.6  -16.2   -3.2    2.2   -0.0   4387
00000000   0  0.0     0  0.0                                                                                                0

14:43:00  29 33.4   -83 33.2   136.6    57.4  148.2   68.7   -3.3   33.7  615.4   81.1   85.5    0.3    2.8    5.4   -3.2   4171
14:43:01  29 33.2   -83 33.2   136.5    57.1  147.9   68.7*  -3.4   33.5  619.2   81.1   79.7   -0.1  -21.0    0.0   -4.4   4148
14:43:01  29 33.3   -83 33.3   136.2    58.5  148.2                                70.1   86.3  -15.0   34.1    3.1   -0.0   4163
00000000   0  0.0     0  0.0                                                                                                0

14:43:30  29 32.8   -83 30.7   112.0   -87.4  142.0  132.7    1.3    4.3  620.9   75.2   79.0    0.3    3.1    5.3   -2.9   4107
14:43:31  29 32.6   -83 30.7   111.8   -87.7  142.1  132.7    1.3    4.2  624.3   75.2   74.3   -7.0  -18.5    1.9   -3.9   4088
14:43:31  29 32.7   -83 30.8   112.1   -87.6  142.3                                77.5   80.4  -16.5   36.6    3.2   -0.0   4102
00000000   0  0.0     0  0.0                                                                                                0

14:44:00  29 31.6   -83 28.5   119.6   -65.2  136.2  123.4    0.9   18.5  620.5   66.4   70.0    0.3    3.0    4.1   -4.2   4109
14:44:01  29 31.4   -83 28.5   119.5   -65.5  136.3  123.5*   0.9   18.3  623.6   66.4   67.0    0.2  -11.2    3.1   -4.9   4089
14:44:01  29 31.5   -83 28.6   120.0   -64.8  136.4                                59.2   71.4    6.5   37.0    3.2   -0.0   4110
00000000   0  0.0     0  0.0                                                                                                0

14:44:30  29 30.0   -83 26.9    74.2  -109.0  131.8  152.2    4.0    8.3  623.9   67.1   71.0    0.2    3.6    4.6   -4.7   4064
14:44:31  29 29.8   -83 26.9    74.1  -109.3  132.0  152.3*   4.0    8.1  627.1   67.1   67.9   -1.0  -11.0    4.0   -5.3   4043
14:44:31  29 29.9   -83 27.0    74.5  -109.2  132.2                                48.7   72.4    9.1   37.2    3.1   -0.0   4060
00000000   0  0.0     0  0.0                                                                                                0

14:45:00  29 28.3   -83 25.6    73.3  -104.9  128.0  154.5    2.5   18.1  619.7   64.2   67.1    0.2    3.3    3.8   -4.8   4120
14:45:01  29 28.0   -83 25.6    73.2  -105.3  128.2  154.5*   2.5   18.0  622.8   64.2   63.7    7.4   -9.4    3.3   -5.3   4094
14:45:01  29 28.1   -83 25.7    74.5  -104.6  128.4                                37.1   69.3   -9.4   34.9    2.9   -0.0   4116
00000000   0  0.0     0  0.0                                                                                                0

14:45:30  29 26.5   -83 24.4    66.7  -109.0  127.9  156.2    2.3   -3.1  621.1   62.5   65.9    0.2    3.8    3.9   -4.8   4113
14:45:31  29 26.2   -83 24.4    66.6  -109.4  128.1  156.2    2.3   -3.2  623.6   62.6   62.1    2.0   -9.5    3.5   -4.1   4091
14:45:31  29 26.3   -83 24.6    66.7  -109.3  128.0                                22.1   67.5   -8.4   23.8    2.8   -0.0   4106
00000000   0  0.0     0  0.0                                                                                                0

14:46:00  29 24.7   -83 23.2    60.0  -114.4  129.2  158.9    2.4    1.1  620.8   63.5   66.7    0.2    3.9    4.1   -4.2   4118
14:46:01  29 24.4   -83 23.2    59.9  -114.8  129.4  158.9    2.3    1.0  623.4   63.5   63.0    1.5   -8.0    3.8   -5.5   4098
14:46:01  29 24.5   -83 23.4    60.0  -114.5  129.3                                29.1   68.4   -9.6   22.4    3.3   -0.0   4107
00000000   0  0.0     0  0.0                                                                                                0

14:46:30  29 22.8   -83 22.1    58.7  -120.3  133.8  160.0    1.9    0.0  620.6   69.9   73.1    0.2    3.8    4.7   -3.4   4124
14:46:31  29 22.5   -83 22.1    58.5  -120.7  134.1  160.0    1.9   -0.1  623.5   69.9   69.1   -4.0  -12.0    4.5   -4.0   4100
14:46:31  29 22.6   -83 22.3    58.7  -120.5  134.0                                28.9   74.9  -12.8   18.7    3.2   -0.0   4110
00000000   0  0.0     0  0.0                                                                                                0
```



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A/C 42, Flgt  1/13/1998, Proj hur01                                                                       Run on Wed Sep  5 09:4
TIME (INE1)  LAT      LONG      GX      GY     GS     HD     PC     RL    PSW   PQF1    PQW     LW     RD    TT1    DW1   RA159
TIME (INE2)  LAT      LONG      GX      GY     GS     HD     PC     RL    PSF   PQF2    DAP    APF    APR    TT2    DW2   RA232
TIME(3MGPS)  LAT      LONG      GX      GY     GS   RTT3   RTT4   RTT5         PQF3    DBP    BPF    BPR     RS    DW3   3MGSP
TIME(ASGPS)  LAT      LONG                                                                                               ASGSP

14:47:00  29 20.8   -83 21.0    65.4  -118.7  135.5  157.2    1.7   -0.9  620.5   70.2   73.7    0.2   11.6    5.1   -4.9   4119
14:47:01  29 20.5   -83 21.0    65.3  -119.1  135.8  157.2    1.7   -1.0  623.4   70.2   69.5   -3.9  -13.2    4.9   -5.7   4099
14:47:01  29 20.7   -83 21.1    65.4  -118.9  135.7                                29.0   75.2  -10.6    6.9    3.1   -0.0   4111
00000000   0  0.0     0  0.0                                                                                                0

14:47:30  29 18.9   -83 19.8    66.8  -119.5  136.9  156.7    1.6   -0.3  620.5   71.3   74.8    0.2    5.2    5.2   -4.7   4121
14:47:31  29 18.6   -83 19.8    66.6  -119.8  137.1  156.7    1.5   -0.4  623.4   71.3   70.4   -5.2  -14.4    4.9   -5.4   4101
14:47:31  29 18.7   -83 19.9    66.8  -119.6  137.0                                28.9   76.3  -12.9    0.8    2.9   -0.0   4108
00000000   0  0.0     0  0.0                                                                                                0

14:48:00  29 16.9   -83 18.5    67.0  -120.5  137.9  156.6    1.7   -0.3  620.5   72.1   75.7    0.2    4.6    5.3   -4.6   4120
14:48:01  29 16.7   -83 18.5    66.8  -120.8  138.1  156.7    1.6   -0.4  623.5   72.1   71.2   -5.7  -14.1    5.1   -5.6   4101
14:48:01  29 16.8   -83 18.7    67.1  -120.6  138.0                                46.8   77.2  -12.3   -1.3    3.2   -0.0   4106
00000000   0  0.0     0  0.0                                                                                                0

14:48:30  29 15.0   -83 17.3    66.8  -121.0  138.3  156.5    1.7   -0.2  620.5   72.8   76.4    0.2    3.4    5.3   -4.6   4121
14:48:31  29 14.7   -83 17.3    66.7  -121.4  138.5  156.6    1.7   -0.4  623.5   72.8   71.8   -6.7  -14.1    5.1   -5.7   4102
14:48:31  29 14.8   -83 17.4    66.9  -121.2  138.4                                54.9   77.8  -14.1   -2.6    2.8   -0.0   4106
00000000   0  0.0     0  0.0                                                                                                0

14:49:00  29 13.0   -83 16.1    66.0  -122.1  138.8  156.3    1.6    0.2  620.4   74.1   77.8    0.2    6.1    5.7   -4.9   4122
14:49:01  29 12.7   -83 16.1    65.8  -122.4  139.0  156.3    1.6    0.1  623.5   74.1   73.1   -7.2  -13.3    5.5   -5.2   4103
14:49:01  29 12.9   -83 16.2    66.1  -122.2  138.9                                67.6   79.1  -12.9   -2.0    3.4   -0.0   4109
00000000   0  0.0     0  0.0                                                                                                0

14:49:30  29 11.0   -83 14.8    65.8  -122.6  139.1  156.6    1.4   -0.5  620.4   74.8   78.5    0.2   12.1    5.8   -4.9   4124
14:49:31  29 10.7   -83 14.8    65.6  -123.0  139.4  156.6    1.4   -0.6  623.5   74.8   74.0   -8.2  -13.2    5.7   -5.7   4104
14:49:31  29 10.9   -83 15.0    65.8  -122.7  139.3                                67.8   79.9  -11.8   -2.1    3.4   -0.0   4110
00000000   0  0.0     0  0.0                                                                                                0

14:50:00  29  9.0   -83 13.6    65.3  -123.0  139.3  156.9    1.6   -0.5  620.6   74.1   77.7    0.2   10.8    5.7   -5.2   4124
14:50:01  29  8.7   -83 13.6    65.1  -123.4  139.5  156.9    1.5   -0.6  623.6   74.1   73.3   -7.9  -15.8    5.5   -5.8   4106
14:50:01  29  8.9   -83 13.8    65.4  -123.1  139.4                                67.9   79.2  -12.0   -2.0    3.4   -0.0   4109
00000000   0  0.0     0  0.0                                                                                                0

14:50:30  29  7.0   -83 12.4    65.9  -122.7  139.2  156.6    1.5   -0.4  620.3   73.2   76.8    0.2   16.9    5.4   -4.6   4128
14:50:31  29  6.7   -83 12.4    65.7  -123.0  139.5  156.6    1.5   -0.5  623.4   73.2   72.3   -6.3  -15.7    5.2   -5.6   4108
14:50:31  29  6.9   -83 12.6    66.0  -122.7  139.4                                72.9   78.3  -12.6   -3.1    3.1   -0.0   4114
00000000   0  0.0     0  0.0                                                                                                0

14:51:00  29  5.0   -83 11.2    65.4  -123.4  139.7  156.5    1.5   -0.1  620.2   74.8   78.4    0.2   18.1    5.2   -4.3   4130
14:51:01  29  4.7   -83 11.2    65.2  -123.7  139.9  156.6    1.5   -0.2  623.4   74.8   73.9   -9.1  -16.9    5.0   -5.4   4112
14:51:01  29  4.9   -83 11.3    65.5  -123.5  139.8                                72.9   79.9  -13.1   -2.2    2.9   -0.0   4114
00000000   0  0.0     0  0.0                                                                                                0

14:51:30  29  3.0   -83 10.0    65.5  -123.5  139.8  156.7    1.5   -0.2  620.3   74.9   78.8    0.2   16.6    5.4   -4.6   4128
14:51:31  29  2.7   -83 10.0    65.3  -123.8  140.0  156.7    1.5   -0.4  623.4   75.0   74.1   -8.7  -16.6    5.2   -5.4   4110
14:51:31  29  2.9   -83 10.1    65.6  -123.5  139.9                                73.1   80.0  -12.0   -1.7    2.9   -0.0   4111
00000000   0  0.0     0  0.0                                                                                                0
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A/C 42, Flgt  1/13/1998, Proj hur01                                                                       Run on Wed Sep  5 09:4
TIME (INE1)  LAT      LONG      GX      GY     GS     HD     PC     RL    PSW   PQF1    PQW     LW     RD    TT1    DW1   RA159
TIME (INE2)  LAT      LONG      GX      GY     GS     HD     PC     RL    PSF   PQF2    DAP    APF    APR    TT2    DW2   RA232
TIME(3MGPS)  LAT      LONG      GX      GY     GS   RTT3   RTT4   RTT5         PQF3    DBP    BPF    BPR     RS    DW3   3MGSP
TIME(ASGPS)  LAT      LONG                                                                                               ASGSP

14:52:00  29  1.0   -83  8.8    66.0  -123.8  140.2  156.7    1.4   -0.4  620.3   74.7   78.4    0.2   13.4    5.4   -4.8   4127
14:52:01  29  0.7   -83  8.8    65.8  -124.1  140.5  156.8    1.4   -0.6  623.4   74.7   73.9   -8.2  -16.3    5.3   -5.7   4109
14:52:01  29  0.9   -83  8.9    66.1  -123.8  140.4                                73.6   79.7  -11.8   -1.8    2.9   -0.0   4112
00000000   0  0.0     0  0.0                                                                                                0

14:52:30  28 59.0   -83  7.6    66.4  -124.1  140.8  156.6    1.5   -0.2  620.4   74.6   78.3    0.2   11.3    5.8   -5.4   4127
14:52:31  28 58.7   -83  7.6    66.2  -124.5  141.0  156.6    1.4   -0.4  623.5   74.6   73.7   -8.0  -16.6    5.6   -6.2   4110
14:52:31  28 58.9   -83  7.7    66.5  -124.2  140.9                                73.8   79.6  -12.3   -2.1    3.2   -0.0   4111
00000000   0  0.0     0  0.0                                                                                                0

14:53:00  28 57.0   -83  6.3    66.7  -122.8  139.7  155.6    0.0   -3.2  623.3   77.6   81.3    0.2   17.8    6.0   -5.1   4091
14:53:01  28 56.7   -83  6.3    66.5  -123.1  139.9  155.6    0.1   -3.3  626.4   77.6   76.3   -8.6  -17.4    5.8   -6.0   4072
14:53:01  28 56.9   -83  6.5    66.7  -122.9  139.9                                76.1   82.4  -13.7   -2.6    3.1   -0.0   4076
00000000   0  0.0     0  0.0                                                                                                0

14:53:30  28 55.1   -83  5.0    73.5  -111.9  133.9  151.0   -0.2   -2.8  633.0   70.8   73.9    0.2   18.0    6.3   -4.9   3968
14:53:31  28 54.7   -83  5.0    73.2  -112.2  134.0  151.0   -0.2   -2.9  635.6   70.8   69.4   -2.6  -13.6    6.2   -5.0   3953
14:53:31  28 55.0   -83  5.2    73.5  -112.0  134.0                                71.1   75.3  -13.2   -2.6    3.7   -0.0   3958
00000000   0  0.0     0  0.0                                                                                                0

14:54:00  28 53.3   -83  3.8    61.3  -114.6  129.9  155.5   -3.6    2.4  650.3   71.8   75.2    0.2   18.1    7.7   -4.1   3749
14:54:01  28 52.9   -83  3.8    61.1  -114.9  130.1  155.5*  -3.7    2.3  653.0   71.8   71.0   -2.3  -13.7    7.7   -4.6   3734
14:54:01  28 53.1   -83  3.9    61.5  -114.5  130.0                                72.2   76.4   -3.9    0.5    5.2   -0.0   3743
00000000   0  0.0     0  0.0                                                                                                0

14:54:30  28 51.4   -83  2.7    54.1  -118.0  129.8  159.3    0.9    1.0  670.2   70.5   73.9    0.2   18.2    8.9   -2.5   3514
14:54:31  28 51.0   -83  2.7    53.9  -118.3  130.0  159.3    0.8    0.8  673.0   70.5   70.2   -0.6  -12.9    8.9   -2.8   3496
14:54:31  28 51.2   -83  2.9    54.2  -118.0  129.9                                70.8   75.7   -5.6   -0.1    5.8   -0.0   3502
00000000   0  0.0     0  0.0                                                                                                0

14:55:00  28 49.5   -83  1.8    53.8  -108.5  121.1  157.5    2.3   -2.4  671.1   60.6   63.5    0.2   18.3    8.1   -3.3   3507
14:55:01  28 49.2   -83  1.8    53.6  -108.8  121.3  157.5*   2.3   -2.5  673.4   60.6   60.5    3.5   -9.2    8.1   -3.4   3490
14:55:01  28 49.4   -83  1.9    53.8  -108.5  121.1                                60.9   65.5   -4.4    0.1    6.0   -0.0   3497
00000000   0  0.0     0  0.0                                                                                                0

14:55:30  28 47.8   -83  0.7    61.9  -107.1  123.6  153.7    2.3    8.7  671.9   63.4   66.7    0.2   18.3    7.9   -2.5   3495
14:55:31  28 47.4   -83  0.7    61.6  -107.4  123.8  153.8*   2.2    8.6  674.6   63.4   63.6    1.6  -10.5    7.9   -2.5   3476
14:55:31  28 47.7   -83  0.8    62.4  -106.9  123.8                                63.8   68.6   -1.5    1.1    5.9   -0.0   3479
00000000   0  0.0     0  0.0                                                                                                0

14:56:00  28 46.0   -82 59.6    58.7  -113.2  127.5  156.3    1.9    0.3  671.9   67.0   70.3    0.2   18.5    8.8   -3.1   3497
14:56:01  28 45.6   -82 59.6    58.4  -113.5  127.6  156.3    1.8    0.2  674.5   67.0   66.6   -1.8  -12.8    8.8   -3.2   3479
14:56:01  28 45.9   -82 59.7    58.8  -113.2  127.6                                67.3   72.1   -9.9   -1.6    6.2   -0.0   3483
00000000   0  0.0     0  0.0                                                                                                0

14:56:30  28 44.1   -82 58.5    59.9  -117.0  131.5  156.6    1.7    0.0  671.9   70.6   74.1    0.1   18.6    9.8   -3.2   3497
14:56:31  28 43.7   -82 58.5    59.7  -117.3  131.6  156.6    1.7   -0.2  674.7   70.6   70.2   -5.0  -14.8    9.8   -3.3   3478
14:56:31  28 44.0   -82 58.6    60.1  -117.0  131.6                                70.9   75.8  -10.1   -1.6    6.7   -0.0   3485
00000000   0  0.0     0  0.0                                                                                                0
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A/C 42, Flgt  1/13/1998, Proj hur01                                                                         Run on Wed Sep  5 09:4
TIME (INE1)  LAT       LONG     GX      GY     GS     HD     PC     RL    PSW   PQF1    PQW     LW     RD    TT1     DW1   RA159
TIME (INE2)  LAT       LONG     GX      GY     GS     HD     PC     RL    PSF   PQF2    DAP    APF    APR    TT2     DW2   RA232
TIME(3MGPS)  LAT       LONG     GX      GY     GS   RTT3   RTT4   RTT5          PQF3    DBP    BPF    BPR     RS     DW3   3MGSP
TIME(ASGPS)  LAT       LONG                                                                                              ASGSP

14:57:00  28 42.2   -82 57.4   60.4 -119.8  134.2  156.5    1.4    0.1  671.5   74.4   78.1    0.1   18.8    9.7    -3.9    3499
14:57:01  28 41.8   -82 57.4   60.1 -120.1  134.3  156.5    1.4   -0.1  674.6   74.5   73.9   -8.2  -16.8    9.6    -3.8    3481
14:57:01  28 42.1   -82 57.5   60.5 -119.8  134.2                               74.7   79.8  -11.3   -1.9    6.1    -0.0    3487
00000000   0  0.0     0  0.0                                                                                                   0

14:57:30  28 40.2   -82 56.3   60.7 -121.4  135.8  157.0    1.2   -0.3  671.6   75.0   78.8    0.1   18.7    9.5    -3.6    3500
14:57:31  28 39.9   -82 56.3   60.5 -121.7  135.9  157.0    1.1   -0.4  674.7   75.0   74.4   -9.0  -17.3    9.4    -3.8    3481
14:57:31  28 40.1   -82 56.4   60.9 -121.5  135.9                               75.3   80.3  -11.4   -1.9    6.0    -0.0    3486
00000000   0  0.0     0  0.0                                                                                                   0

14:58:00  28 38.3   -82 55.2   60.2 -120.2  134.5  156.8    1.5   -0.2  671.8   74.3   78.0    0.1   18.9    9.7    -4.6    3498
14:58:01  28 37.9   -82 55.2   60.0 -120.5  134.6  156.9    1.5   -0.4  674.8   74.3   73.8   -8.2  -16.8    9.7    -4.8    3479
14:58:01  28 38.2   -82 55.3   60.4 -120.3  134.6                               74.5   79.6  -10.8   -1.7    6.3    -0.0    3483
00000000   0  0.0     0  0.0                                                                                                   0

14:58:30  28 36.3   -82 54.1   59.3 -118.6  132.6  156.4    1.6    0.1  671.7   73.0   76.6    0.1   19.2    9.6    -5.5    3498
14:58:31  28 36.0   -82 54.1   59.1 -118.9  132.7  156.5    1.5   -0.0  674.7   73.0   72.6   -7.3  -16.2    9.6    -4.7    3483
14:58:31  28 36.2   -82 54.1   59.5 -118.6  132.7                               73.3   78.3   -9.8   -1.3    6.5    -0.0    3485
00000000   0  0.0     0  0.0                                                                                                   0

14:59:00  28 34.4   -82 53.0   45.4 -121.3  129.5  163.2    0.5    0.7  672.7   69.3   72.6    0.1   19.1    8.8    -2.0    3489
14:59:01  28 34.0   -82 53.0   45.1 -121.5  129.6  163.2    0.5    0.6  675.4   69.3   68.4   -2.9  -13.6    8.8    -3.1    3472
14:59:01  28 34.3   -82 53.1   45.6 -121.3  129.6                               69.6   74.2  -12.3   -2.3    6.3    -0.0    3476
00000000   0  0.0     0  0.0                                                                                                   0

14:59:30  28 32.5   -82 52.2   40.2 -116.5  123.2  164.7    0.3    1.5  683.6   63.5   66.4    0.1   19.1    9.3    -6.3    3362
14:59:31  28 32.1   -82 52.2   40.0 -116.7  123.3  164.7    0.3    1.4  686.0   63.5   62.8    4.1   -9.4    9.4    -6.4    3343
14:59:31  28 32.4   -82 52.3   40.5 -116.5  123.3                               63.9   68.3   -9.5   -1.5    6.8    -0.0    3351
00000000   0  0.0     0  0.0                                                                                                   0

15:00:00  28 30.6   -82 51.6   35.2 -114.0  119.3  167.0   -0.1   -0.9  697.4   60.8   63.5    0.2   19.3    9.2    -1.6    3198
15:00:01  28 30.2   -82 51.6   35.0 -114.2  119.4  167.1   -0.1   -1.0  699.6   60.8   60.1    7.0   -7.7    9.2    -1.8    3182
15:00:01  28 30.5   -82 51.7   35.4 -114.0  119.4                               61.1   65.4   -9.2   -1.4    7.0    -0.0    3191
00000000   0  0.0     0  0.0                                                                                                   0

15:00:30  28 28.8   -82 50.8   43.1 -111.3  119.4  163.8   -0.8    0.7  714.9   62.2   65.0    0.1   19.5   10.2     1.0    2996
15:00:31  28 28.4   -82 50.8   42.8 -111.5  119.5  163.9   -0.8    0.5  717.2   62.2   61.6    6.1   -8.4   10.2     0.7    2983
15:00:31  28 28.7   -82 50.9   43.4 -111.3  119.5                               62.6   66.9   -9.0   -1.4    7.7    -0.0    2990
00000000   0  0.0     0  0.0                                                                                                   0

15:01:00  28 27.0   -82 50.0   40.9 -115.8  122.8  164.9    1.9    4.8  728.6   66.6   70.0    0.1   19.6   11.8     1.3    2841
15:01:01  28 26.6   -82 50.0   40.6 -116.0  122.9  164.9    1.9    4.7  731.4   66.6   66.7   -0.1  -12.0   11.9     0.9    2825
15:01:01  28 26.8   -82 50.1   41.2 -115.7  122.9                               67.0   72.0   -6.3   -0.3    8.6    -0.0    2831
00000000   0  0.0     0  0.0                                                                                                   0

15:01:30  28 25.1   -82 49.3   41.5 -118.0  125.1  164.7    1.8    0.1  728.1   68.9   72.2    0.1   19.7   11.9     2.3    2848
15:01:31  28 24.7   -82 49.3   41.2 -118.1  125.1  164.7    1.8   -0.0  730.9   68.9   68.8   -3.1  -13.7   12.0     1.8    2830
15:01:31  28 24.9   -82 49.4   41.6 -118.0  125.1                               69.2   74.3   -8.2   -0.9    8.6    -0.0    2840
00000000   0  0.0     0  0.0                                                                                                   0
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A/C 42, Flgt  1/13/1998, Proj hur01                                                                         Run on Wed Sep  5 09:4
TIME (INE1)  LAT       LONG     GX      GY     GS     HD     PC     RL    PSW   PQF1    PQW     LW     RD    TT1     DW1   RA159
TIME (INE2)  LAT       LONG     GX      GY     GS     HD     PC     RL    PSF   PQF2    DAP    APF    APR    TT2     DW2   RA232
TIME(3MGPS)  LAT       LONG     GX      GY     GS   RTT3   RTT4   RTT5          PQF3    DBP    BPF    BPR     RS     DW3   3MGSP
TIME(ASGPS)  LAT       LONG                                                                                              ASGSP

15:02:00  28 23.1   -82 48.5   42.1 -119.9  127.1  164.9    1.8    0.0  728.1   71.3   74.7    0.1   19.8   12.4     2.1    2847
15:02:01  28 22.7   -82 48.5   41.8 -120.1  127.2  164.9    1.7   -0.1  731.0   71.3   71.0   -5.1  -15.1   12.4     1.7    2830
15:02:01  28 23.0   -82 48.6   42.3 -119.9  127.1                               71.6   76.7   -9.8   -1.4    8.6    -0.0    2840
00000000   0  0.0     0  0.0                                                                                                   0

15:02:30  28 21.2   -82 47.8   37.1 -121.7  127.3  166.7   -0.9    2.3  741.4   72.8   76.2    0.1   19.9   13.5     2.5    2700
15:02:31  28 20.8   -82 47.8   36.8 -121.9  127.3  166.8   -0.9    2.1  744.3   72.8   72.1   -4.4  -15.0   13.7     2.1    2680
15:02:31  28 21.0   -82 47.9   37.3 -121.7  127.3                               73.1   78.0  -10.5   -1.6    9.4    -0.0    2693
00000000   0  0.0     0  0.0                                                                                                   0

15:03:00  28 19.2   -82 47.2   29.7 -121.0  124.6  168.7   -1.8    1.2  757.5   71.7   75.2    0.1   20.2   14.4     2.9    2521
15:03:01  28 18.8   -82 47.2   29.4 -121.1  124.6  168.7*  -1.8    1.1  760.3   71.7   71.3   -3.2  -14.2   14.6     2.7    2502
15:03:01  28 19.1   -82 47.2   29.9 -120.9  124.6                               72.1   76.9   -5.5   -0.0   10.1    -0.0    2515
00000000   0  0.0     0  0.0                                                                                                   0

15:03:30  28 17.3   -82 46.7   23.2 -115.1  117.4  170.2   -0.6   -1.1  773.0   68.2   71.4    0.1   20.4   14.7     4.0    2351
15:03:31  28 16.9   -82 46.7   23.0 -115.2  117.5  170.3   -0.6   -1.2  775.5   68.3   67.8    0.6  -12.0   15.0     3.5    2337
15:03:31  28 17.2   -82 46.8   23.4 -115.2  117.5                               68.7   73.3   -4.0    0.4   10.7    -0.0    2351
00000000   0  0.0     0  0.0                                                                                                   0

15:04:00  28 15.4   -82 46.3   21.8 -112.1  114.2  170.6   -2.3    4.0  791.3   67.2   70.0    0.1   20.1   16.1     4.0    2156
15:04:01  28 15.0   -82 46.3   21.4 -112.2  114.3  170.7*  -2.4    3.9  793.6   67.2   66.3   -1.2  -12.4   16.4     3.6    2151
15:04:01  28 15.3   -82 46.3   22.1 -112.1  114.2                               67.6   71.9   -7.4   -0.8   12.1    -0.0    2159
00000000   0  0.0     0  0.0                                                                                                   0

15:04:30  28 13.6   -82 45.9   24.4 -111.4  114.1  168.0    0.1   -0.7  811.0   68.1   71.4    0.1   20.2   18.5    -2.7    1951
15:04:31  28 13.2   -82 45.9   24.1 -111.5  114.1  168.0*   0.1   -0.9  813.5   68.1   68.5   -1.1  -12.6   18.9    -3.0    1943
15:04:31  28 13.5   -82 45.9   24.5 -111.5  114.1                               68.6   73.4    4.8    3.2   13.5    -0.0    1954
00000000   0  0.0     0  0.0                                                                                                   0

15:05:00  28 11.8   -82 45.4   23.7 -111.6  114.1  169.3   -1.1   -0.5  830.5   69.6   72.6    0.1   23.2   20.4   -11.1    1751
15:05:01  28 11.4   -82 45.4   23.4 -111.7  114.1  169.3   -1.1   -0.6  833.0   69.6   69.3   -0.3  -12.5   20.8    -9.9    1741
15:05:01  28 11.7   -82 45.5   23.8 -111.6  114.1                               70.0   74.9   -3.1    0.8   15.0    -0.0    1754
00000000   0  0.0     0  0.0                                                                                                   0

15:05:30  28 10.0   -82 45.1   17.6 -111.2  112.6  172.3   -1.0    1.0  848.4   70.9   73.9    0.1   21.8   21.3    -9.7    1568
15:05:31  28  9.6   -82 45.1   17.3 -111.3  112.6  172.3   -1.0    0.9  850.9   71.0   70.7   -3.2  -14.0   21.8    -9.3    1563
15:05:31  28  9.9   -82 45.1   17.7 -111.2  112.6                               71.4   76.1   -2.0    1.2   15.5    -0.0    1575
00000000   0  0.0     0  0.0                                                                                                   0

15:06:00  28  8.2   -82 44.8   17.0 -108.7  110.0  172.4   -0.5   -2.0  864.6   68.0   71.0    0.1   23.3   22.0   -11.1    1409
15:06:01  28  7.8   -82 44.8   16.8 -108.7  110.0  172.4   -0.6   -2.2  867.1   68.1   68.1   -1.3  -12.7   22.5   -10.6    1402
15:06:01  28  8.1   -82 44.8   17.1 -108.7  110.0                               68.5   73.4    0.4    1.7   16.5    -0.0    1418
00000000   0  0.0     0  0.0                                                                                                   0

15:06:30  28  6.4   -82 44.4   26.7 -106.6  109.9  166.7    1.8   -1.6  877.8   68.8   72.0    0.1   23.7   22.6    -8.5    1285
15:06:31  28  6.0   -82 44.4   26.4 -106.6  109.9  166.7    1.8   -1.7  880.5   68.8   69.5    0.0  -12.3   23.1   -10.3    1276
15:06:31  28  6.3   -82 44.4   26.7 -106.7  110.0                               69.3   74.6    5.8    3.4   17.0    -0.0    1287
00000000   0  0.0     0  0.0                                                                                                   0
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A/C 42, Flgt  1/13/1998, Proj hur01                                                                         Run on Wed Sep  5 09:4
TIME (INE1)  LAT       LONG     GX      GY     GS     HD     PC     RL    PSW   PQF1    PQW     LW     RD    TT1     DW1   RA159
TIME (INE2)  LAT       LONG     GX      GY     GS     HD     PC     RL    PSF   PQF2    DAP    APF    APR    TT2     DW2   RA232
TIME(3MGPS)  LAT       LONG     GX      GY     GS   RTT3   RTT4   RTT5          PQF3    DBP    BPF    BPR     RS     DW3   3MGSP
TIME(ASGPS)  LAT       LONG                                                                                              ASGSP

15:07:00  28  4.8   -82 43.9   25.9 -100.7  104.0  167.3    1.0    2.0  879.0   61.8   64.7    0.1   23.4   22.0    -9.1    1263
15:07:01  28  4.3   -82 43.9   25.6 -100.7  103.9  167.4    1.0    1.9  881.4   61.9   62.1    1.9  -10.3   22.5    -8.5    1250
15:07:01  28  4.7   -82 43.9   26.1 -100.7  104.0                               62.3   67.0   -1.9    1.0   17.1    -0.0    1276
00000000   0  0.0     0  0.0                                                                                                   0

15:07:30  28  3.2   -82 43.4   25.2  -95.3   98.6  166.6    3.1    0.7  881.2   55.5   58.4    0.1   21.3   21.8    -8.7    1239
15:07:31  28  2.8   -82 43.4   24.9  -95.3   98.5  166.6    3.1    0.6  883.6   55.6   56.4   11.0   -5.1   22.1    -8.5    1227
15:07:31  28  3.2   -82 43.5   25.2  -95.5   98.8                               55.9   60.9    1.8    2.1   17.2    -0.0    1259
00000000   0  0.0     0  0.0                                                                                                   0

15:08:00  28  1.7   -82 42.9   30.3  -92.5   97.3  163.4    3.0   -1.2  882.1   53.8   56.5    0.1   23.4   21.7   -10.4    1228
15:08:01  28  1.2   -82 42.9   30.0  -92.4   97.2  163.4*   2.9   -1.4  884.3   53.8   54.5    9.2   -5.7   21.8   -10.1    1215
15:08:01  28  1.6   -82 43.0   30.3  -92.4   97.3                               54.2   58.9    0.7    1.7   17.3    -0.0    1249
00000000   0  0.0     0  0.0                                                                                                   0

15:08:30  28  0.2   -82 42.4   31.6  -94.1   99.3  163.9    3.3    0.6  880.1   56.5   59.2    0.1   22.4   21.7    -8.6    1263
15:08:31  27 59.7   -82 42.4   31.3  -94.1   99.2  163.9    3.3    0.5  882.3   56.6   56.6    7.3   -7.0   22.1    -8.6    1253
15:08:31  28  0.1   -82 42.4   31.8  -94.1   99.3                               56.9   61.7   -8.5   -1.2   17.4    -0.0    1266
00000000   0  0.0     0  0.0                                                                                                   0

15:09:00  27 58.6   -82 41.8   23.2 -103.1  105.7  169.0    2.1    1.3  895.8   63.9   66.9    0.1   23.0   23.0   -10.5    1116
15:09:01  27 58.1   -82 41.8   22.9 -103.1  105.6  169.0    2.1    1.1  898.4   63.9   64.0    6.9   -8.5   23.5   -10.5    1107
15:09:01  27 58.5   -82 41.9   23.3 -103.2  105.8                               64.3   69.5   -5.9   -0.2   18.0    -0.0    1115
00000000   0  0.0     0  0.0                                                                                                   0

15:09:30  27 56.9   -82 41.5   17.4  -99.5  101.1  170.9    2.5    0.4  897.0   59.1   61.9    0.1   21.7   22.7   -10.6    1110
15:09:31  27 56.5   -82 41.5   17.2  -99.5  101.0  170.9    2.5    0.3  899.5   59.2   59.8    6.1   -7.9   23.3   -10.5    1102
15:09:31  27 56.8   -82 41.5   17.4  -99.6  101.1                               59.5   64.5    1.5    1.8   18.0    -0.0    1106
00000000   0  0.0     0  0.0                                                                                                   0

15:10:00  27 55.4   -82 41.1   18.9  -94.0   95.9  169.9    3.6    0.0  897.2   52.9   55.6    0.1   21.7   22.5   -10.7    1109
15:10:01  27 54.9   -82 41.1   18.7  -93.9   95.8  170.0    3.6   -0.1  899.5   52.9   53.4   12.4   -4.1   22.7   -10.5    1102
15:10:01  27 55.3   -82 41.2   19.0  -94.0   95.9                               53.3   58.1   -3.6    0.3   18.2    -0.0    1107
00000000   0  0.0     0  0.0                                                                                                   0

15:10:30  27 53.9   -82 40.9    0.1  -93.9   94.0  181.1    3.4    3.6  897.0   51.3   54.0    0.1   23.6   22.5   -10.2    1105
15:10:31  27 53.4   -82 40.9   -0.1  -93.9   93.9  181.1    3.4    3.4  899.5   51.4   52.0   13.9   -3.3   22.5   -10.0    1098
15:10:31  27 53.8   -82 40.9    0.1  -93.9   93.9                               51.7   56.5   -3.1    0.5   18.0    -0.0    1106
00000000   0  0.0     0  0.0                                                                                                   0

15:11:00  27 52.3   -82 40.8    4.0  -96.8   96.9  178.5    2.8    0.4  897.6   54.4   56.9    0.1   23.3   22.5    -9.5    1099
15:11:01  27 51.9   -82 40.8    3.7  -96.7   96.8  178.6    2.8    0.3  899.7   54.4   54.9    8.3   -6.2   22.8    -9.4    1094
15:11:01  27 52.2   -82 40.9    4.0  -96.7   96.8                               54.8   59.5   -2.8    0.6   18.2    -0.0    1104
00000000   0  0.0     0  0.0                                                                                                   0

15:11:30  27 50.8   -82 40.8    3.2  -92.4   92.4  179.0   -0.2    0.2  900.1   49.9   52.2    0.1   22.8   22.1   -10.6    1078
15:11:31  27 50.3   -82 40.8    3.0  -92.2   92.3  179.1   -0.3    0.0  902.0   50.0   49.8    1.8   -8.5   22.6   -10.5    1069
15:11:31  27 50.7   -82 40.8    3.4  -92.4   92.4                               50.3   54.2   -4.0    0.0   18.1    -0.0    1082
00000000   0  0.0     0  0.0                                                                                                   0
```



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A/C 42, Flgt  1/13/1998, Proj hur01                                                                         Run on Wed Sep  5 09:4
TIME (INE1)  LAT       LONG     GX      GY     GS     HD     PC     RL    PSW   PQF1    PQW     LW     RD    TT1     DW1   RA159
TIME (INE2)  LAT       LONG     GX      GY     GS     HD     PC     RL    PSF   PQF2    DAP    APF    APR    TT2     DW2   RA232
TIME(3MGPS)  LAT       LONG     GX      GY     GS   RTT3   RTT4   RTT5          PQF3    DBP    BPF    BPR     RS     DW3   3MGSP
TIME(ASGPS)  LAT       LONG                                                                                              ASGSP

15:12:00  27 49.3   -82 40.7    2.9  -91.2   91.3  179.4   -1.8   -0.5  919.0   49.4   51.5    0.1   25.5   22.3    -2.1     889
15:12:01  27 48.9   -82 40.7    2.7  -91.1   91.1  179.4   -1.8   -0.6  920.7   49.5   49.2    4.5   -7.2   22.8    -3.5     883
15:12:01  27 49.2   -82 40.8    2.9  -91.2   91.2                               49.8   53.7   -4.0    0.0   18.7    -0.0     907
00000000   0  0.0     0  0.0                                                                                                   0

15:12:30  27 47.8   -82 40.6   15.5  -84.6   86.0  170.0    2.9  -14.0  933.2   46.4   48.5    0.1   27.1   21.6    12.3     757
15:12:31  27 47.4   -82 40.6   15.3  -84.5   85.9  170.0*   2.9  -14.2  934.8   46.4   46.2   10.1   -4.4   21.7    12.5     754
15:12:31  27 47.7   -82 40.7   15.2  -84.8   86.2                               46.7   50.8   -9.2   -1.8   17.8    -0.0     779
00000000   0  0.0     0  0.0                                                                                                   0

15:13:00  27 46.8   -82 39.8   76.6  -37.8   85.5  119.2   -1.1  -15.0  945.8   46.3   47.7    0.1   24.8   21.2    14.5     648
15:13:01  27 46.4   -82 39.8   76.4  -37.7   85.2  119.2*  -1.1  -15.2  946.8   46.3   46.2   -0.3   -9.1   21.6    13.5     643
15:13:01  27 46.7   -82 39.8   76.5  -38.3   85.6                               46.6   50.4   -2.5    0.2   18.1    -0.0     665
00000000   0  0.0     0  0.0                                                                                                   0

15:13:30  27 46.7   -82 38.3   83.5    7.4   83.8   90.1   -1.7    2.1  954.0   41.4   43.4    0.1   25.1   21.3    15.3     577
15:13:31  27 46.2   -82 38.3   83.2    7.6   83.6   90.1   -1.6    2.0  955.7   41.4   42.0    1.3   -7.4   21.7    14.5     570
15:13:31  27 46.6   -82 38.3   83.6    7.6   83.9                               41.7   45.5    0.7    1.3   18.5    -0.0     588
00000000   0  0.0     0  0.0                                                                                                   0

15:14:00  27 46.8   -82 36.8   79.3   12.5   80.3   87.5    2.1    4.4  962.6   37.8   39.9    0.1   21.6   22.0    15.8     511
15:14:01  27 46.4   -82 36.8   79.1   12.6   80.1   87.6*   2.1    4.3  964.5   37.8   38.5    8.4   -3.7   22.2    15.4     505
15:14:01  27 46.7   -82 36.8   79.4   12.8   80.5                               38.1   42.1   -2.7    0.4   19.1    -0.0     509
00000000   0  0.0     0  0.0                                                                                                   0

15:14:30  27 47.1   -82 35.4   73.7   30.8   79.9   73.2    2.2   -7.4  966.2   35.7   37.1    0.1   21.6   22.0    16.4     484
15:14:31  27 46.7   -82 35.4   73.5   31.0   79.7   73.2*   2.1   -7.5  967.7   35.7   36.5    7.0   -3.9   22.1    15.8     477
15:14:31  27 47.0   -82 35.4   73.8   30.6   79.9                               35.9   39.8   -0.9    0.6   19.0    -0.0     479
00000000   0  0.0     0  0.0                                                                                                   0

15:15:00  27 48.0   -82 34.2   58.1   67.8   89.3   47.3   -1.6    1.0  982.4   42.2   44.0    0.1   21.7   23.1    17.1     333
15:15:01  27 47.6   -82 34.2   57.9   68.0   89.3   47.4*  -1.6    0.8  984.2   42.2   42.3    0.4   -8.1   23.6    16.8     331
15:15:01  27 47.9   -82 34.2   58.2   68.0   89.5                               42.5   46.2   -5.5   -0.5   19.8    -0.0     336
00000000   0  0.0     0  0.0                                                                                                   0

15:15:30  27 49.1   -82 33.2   53.5   69.7   87.8   43.6   -1.2    0.2  999.8   43.3   45.3    0.1   21.6   23.7    16.6     179
15:15:31  27 48.7   -82 33.2   53.3   69.9   87.9   43.6   -1.1    0.0 1001.7   43.4   43.5    4.0   -6.8   24.2    16.6     179
15:15:31  27 49.0   -82 33.2   53.5   69.8   88.0                               43.6   47.6   -5.5   -0.5   20.5    -0.0     187
00000000   0  0.0     0  0.0                                                                                                   0

15:16:00  27 50.0   -82 32.2   46.8   53.3   70.9   44.0   -3.6    0.1 1013.2   32.3   33.5    0.1   21.4   21.8    15.4      64
15:16:01  27 49.7   -82 32.2   46.6   53.5   70.9   44.1   -3.6    0.0 1014.3   32.4   32.7   -4.1   -8.2   22.2    15.1      68
15:16:01  27 50.0   -82 32.3   46.9   53.3   71.1                               32.5   35.1    6.3    2.8   19.9    -0.0      70
00000000   0  0.0     0  0.0                                                                                                   0

15:16:30  27 50.8   -82 31.4   30.9   36.7   47.9   40.0   -2.4   -0.2 1020.8   15.4   17.1   -0.0   32.8   22.4    16.3       4
15:16:31  27 50.4   -82 31.4   30.7   36.9   48.0   40.1   -2.4   -0.3 1022.0   15.5   14.5   -3.9   -4.9   22.7    16.0       1
15:16:31  27 50.7   -82 31.5   30.9   37.1   48.3                               15.2   15.9    7.4    3.2   27.4    -0.0       6
00000000   0  0.0     0  0.0                                                                                                   0
```

A/C 42, Flgt 1/13/1998, Proj hur01 Run on Wed Sep 5 09:4

TIME (INE1)	LAT	LONG	GX	GY	GS	HD	PC	RL	PSW	PQF1	PQW	LW	RD	TT1	DW1	RA159
TIME (INE2)	LAT	LONG	GX	GY	GS	HD	PC	RL	PSF	PQF2	DAP	APF	APR	TT2	DW2	RA232
TIME(3MGPS)	LAT	LONG	GX	GY	GS	RTT3	RTT4	RTT5		PQF3	DBP	BPF	BPR	RS	DW3	3MGSP
TIME(ASGPS)	LAT	LONG														ASGSP
15:17:00	27 51.2	-82 31.1	12.2	14.2	18.7	40.3	-1.4	-0.1	1020.6	3.1	4.3	-0.0	32.7	20.7	16.1	19
15:17:01	27 50.8	-82 31.1	12.0	14.5	18.8	40.3*	-1.5	-0.3	1021.6	3.2	2.2	0.5	-0.6	21.1	16.0	1
15:17:01	27 51.1	-82 31.1	12.4	14.6	19.2					3.1	2.8	2.2	1.2	27.2	-0.0	9
00000000	0 0.0	0 0.0														0

****
ERROR COUNT:

****
LAT_INE1: 0
LAT_INE2: 0
LAT_3MGPS: 0
LAT_ASGPS: 0
LONG_INE1: 0
LONG_INE2: 0
LONG_3MGPS: 0
LONG_ASGPS: 0
DW1: 0
DW2: 0
DW3: 0
HDG_INE1: 0
HDG_INE2: 30
PITCH_INE1: 0
PITCH_INE2: 0
ROLL_INE1: 0
ROLL_INE2: 0
PS_INE1: 0
PS_INE2: 0
PQ: 0
PQF1: 178
PQF2: 86
DAP: 0
DBP: 0
TT1: 0
TT2: 0
RA159: 769
RA232: 1
APF: 0
APR: 0