A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 15:41:30 | 29 36.5 | -95 10.1 | -0.0 | 0.0 | 0.0 | -4 | 358.4 | -0.2 | 0.4 | 1013.5 | 0.0 | 31.9 | 31.9 | -16.9 | -18.9 | 0.3 |
| 15:41:30 | 29 36.5 | -95 10.1 | -0.0 | 0.0 | 0.1 | 1 | 358.3 | -0.4 | 0.2 | 250.5 | -0.1 | 32.3 | 32.3 | 24.4 | 24.4 | 0.0 |
| 15:41:30 | 29 36.6 | -95 10.1 | -0.0 | -0.0 | 0.0 | 10 | 0.0 | 0.0 | -0.2 | -0.0 | 0.0 | 50.0 | 49.9 | 25.2 | 25.2 | 2.4 |
| 15:41:29 | 29 36.6 | -95 10.1 | 452.9 | 471.0 | 10349 | 15 | 36.9 | -0.1 | -0.0 | -0.0 | -0.2 | 0.0 | 5.5 | 328.8 | 4.7 | 5.8 |
| 15:42:00 | 29 36.5 | -95 10.1 | -0.0 | 0.0 | 0.0 | -4 | 358.4 | -0.3 | 0.4 | 1013.4 | 0.0 | 31.9 | 31.9 | -16.9 | -18.9 | 0.3 |
| 15:42:00 | 29 36.5 | -95 10.1 | -0.0 | 0.0 | 0.1 | 1 | 358.5 | -0.4 | 0.2 | 250.6 | -0.1 | 32.4 | 32.4 | 24.5 | 24.5 | 0.0 |
| 15:42:00 | 29 36.6 | -95 10.1 | -0.0 | -0.0 | 0.0 | 9 | 0.0 | 0.0 | -0.2 | -0.0 | 0.0 | 50.0 | 49.9 | 24.6 | 24.6 | 2.4 |
| 15:41:59 | 29 36.6 | -95 10.1 | 452.9 | 471.0 | 10348 | 14 | 36.9 | -0.0 | 0.0 | 0.0 | -0.2 | 0.0 | 5.2 | 358.4 | 4.3 | 5.5 |
| 15:42:30 | 29 36.5 | -95 10.1 | -0.0 | 0.0 | 0.0 | -4 | 358.4 | -0.3 | 0.3 | 1013.4 | 0.0 | 31.9 | 31.9 | -16.9 | -18.9 | 0.3 |
| 15:42:30 | 29 36.5 | -95 10.1 | -0.0 | 0.1 | 0.1 | 1 | 358.1 | -0.4 | 0.2 | 250.5 | -0.1 | 32.4 | 32.4 | 24.6 | 24.6 | 0.0 |
| 15:42:30 | 29 36.6 | -95 10.1 | 0.0 | -0.0 | 0.0 | 9 | 0.0 | 0.0 | -0.2 | -0.0 | 0.0 | 50.0 | 49.9 | 24.7 | 24.7 | 2.4 |
| 15:42:29 | 29 36.6 | -95 10.1 | 452.9 | 471.0 | 10349 | 14 | 36.9 | 0.0 | 0.1 | 0.0 | -0.2 | 0.0 | 5.5 | 0.6 | 5.7 | 5.8 |
| 15:43:00 | 29 36.5 | -95 10.1 | -0.0 | 0.8 | 0.8 | -4 | 357.9 | -0.3 | 0.4 | 1013.5 | 0.1 | 31.9 | 31.9 | -16.9 | -18.9 | 0.3 |
| 15:43:00 | 29 36.5 | -95 10.1 | -0.0 | 0.9 | 0.9 | 1 | 357.6 | -0.4 | 0.2 | 250.6 | -0.0 | 32.5 | 32.4 | 24.3 | 24.3 | 0.0 |
| 15:43:00 | 29 36.6 | -95 10.1 | -0.0 | 0.7 | 0.7 | 9 | 0.0 | 0.0 | -0.2 | -0.0 | 0.0 | 50.0 | 49.9 | 24.6 | 24.6 | 2.4 |
| 15:42:59 | 29 36.6 | -95 10.1 | 452.9 | 471.0 | 10348 | 14 | 36.9 | -0.0 | -0.0 | 0.0 | -0.2 | 0.0 | 7.6 | 347.0 | 3.6 | 8.1 |
| 15:43:30 | 29 36.5 | -95 10.1 | 3.4 | 0.3 | 3.4 | -4 | 85.3 | -0.4 | 0.5 | 1013.5 | -0.1 | 31.6 | -32767.0 | -16.9 | -18.9 | 0.3 |
| 15:43:30 | 29 36.5 | -95 10.1 | 3.4 | 0.4 | 3.4 | 1 | 85.6 | -0.5 | 0.4 | 250.5 | -0.2 | 31.9 | -32767.0 | 24.1 | 24.1 | 0.0 |
| 15:43:30 | 29 36.6 | -95 10.1 | 3.3 | 0.3 | 3.3 | 11 | 0.0 | -0.1 | -0.3 | 0.2 | 0.1 | 50.0 | -32767.0 | 24.7 | 24.7 | -32767.0 |
| 15:43:29 | 29 36.6 | -95 10.1 | -32767.0 | -32767.0 | -32767 | 13 | 36.8 | 0.6 | 0.2 | -0.1 | -0.0 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 15:44:00 | 29 36.5 | -95 10.0 | 0.2 | -3.7 | 3.7 | -4 | 177.6 | -0.2 | 0.2 | 1013.3 | 0.5 | 31.6 | 31.4 | -16.9 | -18.9 | 0.3 |
| 15:44:00 | 29 36.5 | -95 10.0 | 0.1 | -3.7 | 3.7 | 1 | 177.6 | -0.4 | 0.0 | 250.5 | 0.4 | 31.9 | 31.8 | 24.1 | 24.1 | 0.0 |
| 15:44:00 | 29 36.6 | -95 10.0 | 0.2 | -3.8 | 3.8 | 8 | 0.0 | 0.2 | -0.2 | 0.2 | 0.3 | 50.0 | 49.8 | 24.7 | 24.7 | 2.5 |
| 15:43:59 | 29 36.6 | -95 10.0 | 452.2 | 470.3 | 10349 | 13 | 34.8 | 0.4 | 0.3 | 0.4 | 0.4 | 0.0 | 17.2 | 188.3 | 14.5 | 18.3 |
| 15:44:30 | 29 36.4 | -95 10.0 | 0.1 | -5.6 | 5.6 | -4 | 178.6 | -0.3 | 0.2 | 1013.4 | 0.1 | 32.2 | 32.1 | -16.9 | -18.9 | 0.3 |
| 15:44:30 | 29 36.4 | -95 10.0 | 0.1 | -5.6 | 5.6 | 1 | 178.5 | -0.4 | 0.1 | 250.5 | -0.0 | 32.5 | 32.4 | 24.7 | 24.7 | 0.0 |
| 15:44:30 | 29 36.5 | -95 10.0 | 0.1 | -5.5 | 5.5 | 7 | 0.0 | -0.2 | -0.3 | 0.2 | 0.1 | 50.0 | 49.9 | 25.4 | 25.4 | 2.4 |
| 15:44:29 | 29 36.5 | -95 10.0 | 453.2 | 471.4 | 10349 | 13 | 34.5 | 0.0 | -0.1 | 0.2 | 0.3 | 0.0 | 7.4 | 185.3 | 2.2 | 7.9 |
| 15:45:00 | 29 36.4 | -95 10.0 | 6.2 | 0.0 | 6.2 | -4 | 90.1 | -0.2 | 0.3 | 1013.4 | 0.4 | 32.2 | 32.0 | -16.9 | -18.8 | 0.3 |
| 15:45:00 | 29 36.4 | -95 10.0 | 6.1 | 0.1 | 6.1 | 1 | 89.9 | -0.4 | 0.2 | 250.6 | 0.3 | 32.4 | 32.3 | 25.0 | 25.0 | 0.0 |
| 15:45:00 | 29 36.4 | -95 9.9 | 6.1 | -0.0 | 6.1 | 7 | 0.0 | -0.0 | -0.4 | 0.5 | 0.5 | 50.0 | 49.8 | 25.3 | 25.3 | 2.4 |
| 15:44:59 | 29 36.4 | -95 9.9 | 453.1 | 471.2 | 10348 | 12 | 36.4 | 1.8 | 0.7 | 0.3 | 0.2 | 0.0 | 15.4 | 132.2 | 11.3 | 16.4 |
| 15:45:30 | 29 36.4 | -95 9.8 | 8.1 | 0.3 | 8.1 | -4 | 88.1 | -0.0 | 0.3 | 1013.3 | 0.3 | 31.5 | 31.4 | -16.9 | -18.9 | 0.3 |
| 15:45:30 | 29 36.4 | -95 9.8 | 8.1 | 0.3 | 8.1 | 1 | 88.2 | -0.2 | 0.2 | 250.5 | 0.2 | 31.7 | 31.6 | 25.0 | 25.0 | 0.0 |
| 15:45:30 | 29 36.4 | -95 9.8 | 8.1 | 0.2 | 8.1 | 8 | 0.0 | 0.2 | -0.3 | 0.8 | 0.7 | 50.0 | 49.8 | 25.0 | 25.0 | 2.5 |
| 15:45:29 | 29 36.4 | -95 9.8 | 452.2 | 470.3 | 10349 | 12 | 35.6 | 2.6 | 0.8 | 0.3 | 0.6 | 0.0 | 14.4 | 143.1 | 9.2 | 15.3 |
| 15:46:00 | 29 36.4 | -95 9.7 | 8.1 | 0.2 | 8.1 | -4 | 88.9 | 0.2 | 0.3 | 1013.2 | 0.2 | 32.2 | 32.1 | -16.9 | -18.9 | 0.3 |
| 15:46:00 | 29 36.4 | -95 9.7 | 8.1 | 0.2 | 8.1 | 1 | 88.7 | 0.1 | 0.2 | 250.6 | 0.1 | 32.5 | 32.4 | 25.1 | 25.1 | 0.0 |
| 15:46:00 | 29 36.5 | -95 9.6 | 8.1 | 0.2 | 8.1 | 9 | 0.0 | 0.4 | -0.3 | 0.5 | 0.4 | 50.0 | 49.9 | 25.4 | 25.4 | 2.4 |
| 15:45:59 | 29 36.5 | -95 9.6 | 453.1 | 471.3 | 10348 | 12 | 34.5 | 2.2 | 0.6 | 0.2 | 0.5 | 0.0 | 11.9 | 169.0 | 8.5 | 12.7 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 15:46:30 | 29 36.4 | -95 9.5 | 6.1 | 0.1 | 6.1 | -4 | 89.0 | 0.1 | 0.3 | 1013.2 | 0.3 | 31.6 | 31.5 | -16.9 | -18.9 | 0.3 |
| 15:46:30 | 29 36.4 | -95 9.5 | 6.1 | 0.2 | 6.1 | 1 | 88.7 | 0.0 | 0.2 | 250.6 | 0.2 | 31.9 | 31.8 | 25.3 | 25.3 | 0.0 |
| 15:46:30 | 29 36.5 | -95 9.5 | 6.1 | 0.1 | 6.1 | 2 | 0.0 | 0.1 | -0.3 | 0.4 | 0.4 | 50.0 | 49.9 | 24.7 | 24.7 | 2.5 |
| 15:46:29 | 29 36.5 | -95 9.5 | 452.3 | 470.4 | 10348 | 12 | 34.6 | 1.5 | 0.5 | 0.2 | 0.4 | 0.0 | 12.9 | 135.0 | 8.8 | 13.8 |
| 15:47:00 | 29 36.4 | -95 9.5 | 0.0 | 0.1 | 0.1 | -4 | 88.2 | -0.2 | 0.4 | 1013.4 | -0.1 | 32.1 | -32767.0 | -16.9 | -18.9 | 0.3 |
| 15:47:00 | 29 36.4 | -95 9.5 | 0.0 | 0.1 | 0.1 | 1 | 88.1 | -0.3 | 0.2 | 250.6 | -0.2 | 32.1 | -32767.0 | 24.8 | 24.8 | 0.0 |
| 15:47:00 | 29 36.5 | -95 9.4 | 0.0 | -0.0 | 0.0 | 4 | 0.0 | -0.1 | -0.3 | 0.1 | 0.1 | 50.0 | -32767.0 | 25.1 | 25.1 | -32767.0 |
| 15:46:59 | 29 36.5 | -95 9.4 | -32767.0 | -32767.0 | -32767 | 12 | 34.6 | 0.3 | 0.1 | -0.1 | -0.2 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 15:47:30 | 29 36.4 | -95 9.5 | 0.6 | 0.1 | 0.6 | -4 | 88.3 | -0.1 | 0.4 | 1013.4 | 0.0 | 32.3 | 32.3 | -16.9 | -18.9 | 0.3 |
| 15:47:30 | 29 36.4 | -95 9.5 | 0.6 | 0.1 | 0.6 | 1 | 88.4 | -0.2 | 0.2 | 250.5 | -0.1 | 32.3 | 32.3 | 24.6 | 24.6 | 0.0 |
| 15:47:30 | 29 36.5 | -95 9.4 | 0.2 | 0.0 | 0.2 | 3 | 0.0 | -0.2 | -0.3 | 0.1 | 0.1 | 50.0 | 49.9 | 24.7 | 24.7 | 2.4 |
| 15:47:29 | 29 36.5 | -95 9.4 | 453.4 | 471.6 | 10349 | 12 | 34.9 | 0.4 | 0.1 | 0.1 | -0.2 | 0.0 | 4.9 | 128.4 | 4.7 | 5.2 |
| 15:48:00 | 29 36.4 | -95 9.4 | 3.0 | 5.4 | 6.2 | -4 | 24.4 | -0.0 | 0.0 | 1013.4 | 0.2 | 32.0 | 32.0 | -16.9 | -18.9 | 0.3 |
| 15:48:00 | 29 36.4 | -95 9.4 | 2.9 | 5.4 | 6.1 | 1 | 24.0 | -0.1 | -0.1 | 250.6 | 0.1 | 32.4 | 32.3 | 24.9 | 24.9 | 0.0 |
| 15:48:00 | 29 36.5 | -95 9.4 | 3.4 | 4.8 | 5.9 | 12 | 0.0 | -0.1 | -0.3 | 0.1 | 0.1 | 50.0 | 49.9 | 25.0 | 25.0 | 2.4 |
| 15:47:59 | 29 36.5 | -95 9.4 | 453.0 | 471.1 | 10348 | 12 | 37.5 | 0.3 | 0.1 | 0.2 | -0.2 | 0.0 | 11.0 | 74.4 | 6.5 | 11.7 |
| 15:48:30 | 29 36.6 | -95 9.4 | 0.2 | 6.6 | 6.6 | -4 | 1.3 | -0.1 | 0.3 | 1013.4 | -0.2 | 32.6 | -32767.0 | -16.9 | -18.9 | 0.3 |
| 15:48:30 | 29 36.6 | -95 9.4 | 0.2 | 6.6 | 6.6 | 1 | 1.1 | -0.2 | 0.2 | 250.5 | -0.4 | 32.8 | -32767.0 | 24.7 | 24.7 | 0.0 |
| 15:48:30 | 29 36.6 | -95 9.4 | 0.2 | 6.6 | 6.6 | 15 | 0.0 | 0.0 | -0.3 | 0.0 | 0.0 | 50.0 | -32767.0 | 25.1 | 25.1 | -32767.0 |
| 15:48:29 | 29 36.6 | -95 9.4 | -32767.0 | -32767.0 | -32767 | 12 | 37.5 | 0.2 | -0.1 | -0.3 | -0.2 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 15:49:00 | 29 36.6 | -95 9.3 | 7.2 | 5.0 | 8.8 | -4 | 55.4 | 0.5 | 0.2 | 1013.3 | 0.3 | 31.3 | 31.2 | -16.9 | -18.9 | 0.3 |
| 15:49:00 | 29 36.6 | -95 9.3 | 7.2 | 5.0 | 8.8 | 1 | 55.1 | 0.3 | 0.1 | 250.5 | 0.2 | 31.6 | 31.5 | 24.7 | 24.7 | 0.0 |
| 15:49:00 | 29 36.7 | -95 9.3 | 7.2 | 4.9 | 8.7 | 19 | 0.0 | 0.2 | -0.3 | 0.4 | 0.4 | 50.0 | 49.9 | 25.0 | 25.0 | 2.6 |
| 15:48:59 | 29 36.7 | -95 9.3 | 451.9 | 470.0 | 10349 | 12 | 37.3 | 1.2 | 0.4 | 0.2 | 0.1 | 0.0 | 13.1 | 109.9 | 6.8 | 13.9 |
| 15:49:30 | 29 36.7 | -95 9.1 | 9.7 | 6.7 | 11.8 | -4 | 55.1 | 0.1 | 0.0 | 1013.3 | 0.4 | 31.1 | 30.9 | -16.9 | -18.9 | 0.3 |
| 15:49:30 | 29 36.7 | -95 9.1 | 9.7 | 6.8 | 11.8 | 1 | 55.2 | -0.0 | -0.1 | 250.5 | 0.3 | 31.3 | 31.2 | 24.6 | 24.6 | 0.0 |
| 15:49:30 | 29 36.8 | -95 9.1 | 9.6 | 6.7 | 11.7 | 15 | 0.0 | 0.1 | -0.3 | 0.6 | 0.5 | 50.0 | 49.8 | 24.6 | 24.6 | 2.6 |
| 15:49:29 | 29 36.8 | -95 9.1 | 451.5 | 469.5 | 10349 | 14 | 37.3 | 1.6 | 0.6 | 0.3 | 0.5 | 0.0 | 15.6 | 117.2 | 7.4 | 16.5 |
| 15:50:00 | 29 36.8 | -95 9.0 | 6.5 | 4.5 | 7.9 | -4 | 55.4 | 0.2 | 0.2 | 1013.3 | -0.5 | 32.5 | -32767.0 | -16.9 | -18.9 | 0.3 |
| 15:50:00 | 29 36.8 | -95 9.0 | 6.5 | 4.5 | 7.9 | 1 | 55.2 | 0.1 | 0.0 | 250.5 | -0.6 | 32.6 | -32767.0 | 24.6 | 24.6 | 0.0 |
| 15:50:00 | 29 36.9 | -95 9.0 | 6.5 | 4.5 | 7.9 | 7 | 0.0 | 0.0 | -0.3 | -0.0 | 0.0 | 50.0 | -32767.0 | 25.2 | 25.2 | -32767.0 |
| 15:49:59 | 29 36.9 | -95 9.0 | -32767.0 | -32767.0 | -32767 | 14 | 34.8 | 0.1 | 0.1 | -0.4 | -0.2 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 15:50:30 | 29 36.9 | -95 8.9 | 5.1 | -0.1 | 5.1 | -4 | 93.4 | 0.2 | 0.2 | 1013.3 | 0.2 | 32.6 | 32.5 | -16.9 | -18.9 | 0.3 |
| 15:50:30 | 29 36.9 | -95 8.9 | 5.1 | -0.0 | 5.1 | 1 | 93.3 | 0.1 | 0.1 | 250.5 | 0.1 | 32.9 | 32.9 | 24.7 | 24.7 | 0.0 |
| 15:50:30 | 29 36.9 | -95 8.8 | 5.2 | 0.1 | 5.2 | 10 | 0.0 | 0.2 | -0.1 | 0.1 | 0.3 | 50.0 | 49.9 | 25.3 | 25.3 | 2.3 |
| 15:50:29 | 29 36.9 | -95 8.8 | 453.8 | 472.0 | 10349 | 13 | 35.3 | -0.4 | 0.2 | 0.1 | -0.2 | 0.0 | 11.7 | 76.2 | 7.1 | 12.4 |
| 15:51:00 | 29 36.9 | -95 8.8 | 0.0 | 0.1 | 0.1 | -4 | 133.0 | -0.1 | 0.2 | 1013.5 | -0.1 | 32.5 | -32767.0 | -16.9 | -18.9 | 0.3 |
| 15:51:00 | 29 36.9 | -95 8.8 | 0.1 | 0.1 | 0.1 | 1 | 133.0 | -0.3 | 0.0 | 250.5 | -0.3 | 32.6 | -32767.0 | 25.3 | 25.3 | 0.0 |
| 15:51:00 | 29 36.9 | -95 8.8 | 0.0 | 0.0 | 0.0 | 11 | 0.0 | 0.0 | -0.3 | 0.0 | 0.0 | 50.0 | -32767.0 | 25.3 | 25.3 | -32767.0 |
| 15:50:59 | 29 36.9 | -95 8.8 | -32767.0 | -32767.0 | -32767 | 13 | 35.0 | 0.2 | 0.1 | -0.1 | -0.2 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 15:51:30 | 29 36.9 | -95 8.8 | 0.0 | 0.1 | 0.1 | -4 | 133.0 | -0.1 | 0.2 | 1013.5 | 0.0 | 32.7 | 32.7 | -16.9 | -18.9 | 0.3 |
| 15:51:30 | 29 36.9 | -95 8.8 | 0.1 | 0.1 | 0.1 | 1 | 132.9 | -0.2 | 0.0 | 250.5 | -0.1 | 32.8 | 32.8 | 24.7 | 24.7 | 0.0 |
| 15:51:30 | 29 36.9 | -95 8.8 | -0.0 | -0.0 | 0.0 | 12 | 0.0 | -0.0 | -0.3 | 0.1 | 0.0 | 50.0 | 50.0 | 25.0 | 25.0 | 2.3 |
| 15:51:29 | 29 36.9 | -95 8.8 | 454.1 | 472.3 | 10349 | 13 | 37.6 | 0.1 | 0.1 | -0.0 | -0.2 | 0.0 | 2.8 | 165.6 | 3.1 | 3.0 |
| 15:52:00 | 29 36.8 | -95 8.8 | 4.1 | -3.9 | 5.7 | -4 | 133.8 | 0.1 | 0.0 | 1013.5 | 0.1 | 32.1 | 32.1 | -16.9 | -18.9 | 0.3 |
| 15:52:00 | 29 36.8 | -95 8.8 | 4.2 | -3.8 | 5.7 | 1 | 133.6 | 0.0 | -0.1 | 250.5 | 0.0 | 32.4 | 32.3 | 24.3 | 24.3 | 0.0 |
| 15:52:00 | 29 36.9 | -95 8.8 | 4.1 | -3.9 | 5.6 | 17 | 0.0 | 0.0 | -0.3 | 0.4 | 0.3 | 50.0 | 49.9 | 25.3 | 25.3 | 2.4 |
| 15:51:59 | 29 36.9 | -95 8.8 | 453.2 | 471.3 | 10349 | 12 | 34.9 | 1.2 | 0.4 | 0.0 | 0.1 | 0.0 | 9.5 | 187.3 | 5.6 | 10.1 |
| 15:52:30 | 29 36.8 | -95 8.8 | 0.0 | 0.0 | 0.1 | -4 | 220.9 | -0.4 | 0.0 | 1013.3 | 0.1 | 32.6 | 32.6 | -16.9 | -18.9 | 0.3 |
| 15:52:30 | 29 36.8 | -95 8.8 | 0.1 | 0.1 | 0.1 | 1 | 221.0 | -0.6 | -0.1 | 250.5 | -0.0 | 32.9 | 32.9 | 24.9 | 24.9 | 0.0 |
| 15:52:30 | 29 36.8 | -95 8.8 | 0.1 | 0.0 | 0.1 | 8 | 0.0 | -0.1 | -0.3 | 0.1 | 0.1 | 50.0 | 49.9 | 25.3 | 25.3 | 2.3 |
| 15:52:29 | 29 36.8 | -95 8.8 | 453.9 | 472.1 | 10349 | 13 | 37.0 | -0.3 | -0.1 | -0.0 | -0.2 | 0.0 | 8.2 | 181.2 | 8.7 | 8.8 |
| 15:53:00 | 29 36.8 | -95 8.8 | 0.1 | 0.0 | 0.1 | -4 | 220.9 | -0.9 | 0.0 | 1013.2 | -0.3 | 32.5 | -32767.0 | -16.9 | -18.9 | 0.3 |
| 15:53:00 | 29 36.8 | -95 8.8 | 0.1 | 0.1 | 0.1 | 1 | 220.8 | -1.0 | -0.1 | 250.5 | -0.5 | 32.8 | -32767.0 | 25.4 | 25.4 | 0.0 |
| 15:53:00 | 29 36.8 | -95 8.8 | 0.0 | -0.0 | 0.0 | 8 | 0.0 | -0.4 | -0.5 | 0.2 | 0.2 | 50.0 | -32767.0 | 25.4 | 25.4 | -32767.0 |
| 15:52:59 | 29 36.8 | -95 8.7 | -32767.0 | -32767.0 | -32767 | 13 | 35.0 | -0.9 | -0.5 | -0.6 | -0.2 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 15:53:30 | 29 36.7 | -95 8.9 | -23.4 | -24.2 | 33.7 | -4 | 223.4 | -0.8 | 0.2 | 1013.4 | 6.9 | 32.3 | 29.9 | -16.9 | -18.9 | 0.3 |
| 15:53:30 | 29 36.7 | -95 8.9 | -23.4 | -24.2 | 33.6 | 1 | 223.2 | -1.0 | 0.1 | 250.5 | 6.8 | 32.6 | 30.2 | 24.5 | 24.5 | 0.0 |
| 15:53:30 | 29 36.7 | -95 8.9 | -22.6 | -23.5 | 32.6 | 6 | 0.0 | 0.3 | -2.9 | 7.6 | 8.8 | 50.0 | 47.4 | 24.8 | 24.8 | 2.8 |
| 15:53:29 | 29 36.7 | -95 8.9 | 450.0 | 468.0 | 10349 | 13 | 36.9 | -9.0 | -3.3 | 6.5 | 7.3 | 0.0 | 65.4 | 209.2 | 36.0 | 69.1 |
| 15:54:00 | 29 36.0 | -95 9.6 | -51.1 | -53.3 | 73.8 | -4* | 224.3 | 8.5* | 1.1 | 1008.6 | 35.8 | 33.9 | 22.6 | -16.9 | -18.9 | 0.3 |
| 15:54:00 | 29 36.0 | -95 9.6 | -51.1 | -53.2 | 73.8 | 20 | 224.0 | 8.3* | 0.9 | 250.5 | 35.7 | 34.0 | 22.5 | 23.6 | 23.6 | 0.0 |
| 15:54:00 | 29 36.1 | -95 9.6 | -51.4 | -53.1 | 73.9 | 25 | 0.0 | 34.9 | 1.8 | 37.6 | 42.3 | 50.0 | 37.9 | 25.0 | 25.0 | 4.6 |
| 15:53:59 | 29 36.0 | -95 9.6 | 439.2 | 456.5 | 10349* | 30 | 36.9 | -12.5 | -4.1 | 35.6 | 39.0 | 0.0 | 147.8 | 221.0 | 78.2 | 152.1 |
| 15:54:30 | 29 35.1 | -95 10.6 | -46.3 | -71.3 | 85.0 | 141 | 212.1* | 7.9* | -14.3 | 993.1 | 46.3 | 33.1 | 19.0 | -16.9 | -18.9 | 0.3 |
| 15:54:30 | 29 35.1 | -95 10.6 | -46.2 | -71.2 | 84.9 | 158 | 212.1* | 7.7* | -14.4 | 250.5 | 46.2 | 33.2 | 18.7 | 23.2 | 23.2 | 0.0 |
| 15:54:30 | 29 35.1 | -95 10.6 | -47.5 | -70.2 | 84.7 | 163 | 0.0 | 46.0 | 3.8 | 46.4 | 54.1 | 50.0 | 34.7 | 24.0 | 24.0 | 5.9 |
| 15:54:29 | 29 35.1 | -95 10.6 | 433.8 | 450.9 | 10349* | 168 | 35.1 | -29.6 | -9.8 | 45.6 | 49.7 | 0.0 | 167.9 | 207.7 | 86.1 | 170.9 |
| 15:55:00 | 29 33.7 | -95 10.8 | 31.4 | -90.3 | 95.6 | 245 | 162.5* | 7.5 | -16.5* | 981.2 | 56.7 | 32.9 | 16.2 | -16.9 | -18.9 | 0.3 |
| 15:55:00 | 29 33.7 | -95 10.8 | 31.5 | -90.2 | 95.5 | 264 | 162.5* | 7.4 | -16.6* | 250.5 | 56.6 | 33.0 | 15.7 | 22.9 | 22.9 | 0.0 |
| 15:55:00 | 29 33.7 | -95 10.8 | 28.6 | -91.1 | 95.5 | 265 | 0.0 | 45.7 | 0.1 | 57.3 | 65.1 | 50.0 | 31.7 | 23.7 | 23.7 | 7.1 |
| 15:54:59 | 29 33.7 | -95 10.8 | 429.6 | 446.5 | 10349* | 272 | 35.2 | -26.6 | -9.1 | 56.4 | 61.3 | 0.0 | 185.4 | 162.4 | 91.3 | 186.9 |
| 15:55:30 | 29 32.6 | -95 9.5 | 105.0 | -30.0 | 109.2 | 357 | 109.7* | 5.7* | -19.7 | 969.2 | 67.8 | 32.6 | 13.3 | -16.9 | -18.9 | 0.3 |
| 15:55:30 | 29 32.6 | -95 9.4 | 105.1 | -29.8 | 109.3 | 375 | 109.6* | 5.6* | -19.8 | 250.5 | 67.7 | 32.7 | 12.5 | 22.4 | 22.4 | 0.0 |
| 15:55:30 | 29 32.6 | -95 9.5 | 104.2 | -32.0 | 109.0 | 374 | 0.0 | 40.9 | -6.0 | 68.6 | 76.3 | 50.0 | 28.6 | 23.1 | 23.1 | 8.7 |
| 15:55:29 | 29 32.6 | -95 9.5 | 425.3 | 441.9 | 10349* | 380 | 38.1 | -22.5 | -7.3 | 67.9 | 72.0 | 0.0 | 202.4 | 113.6 | 93.2 | 202.0 |
| 15:56:00 | 29 32.6 | -95 7.4 | 113.9 | 12.2 | 114.6 | 434 | 89.5 | 3.7 | 3.0* | 961.0 | 71.4 | 32.6 | 12.5 | -16.9 | -18.9 | 0.3 |
| 15:56:00 | 29 32.7 | -95 7.4 | 114.0 | 12.3 | 114.6 | 449 | 89.3 | 3.6 | 2.8* | 250.5 | 71.4 | 32.9 | 11.7 | 21.5 | 21.5 | 0.0 |
| 15:56:00 | 29 32.7 | -95 7.4 | 113.9 | 12.7 | 114.6 | 450 | 0.0 | 31.1 | -11.2 | 71.2 | 79.0 | 50.0 | 27.6 | 22.2 | 22.2 | 9.2 |
| 15:55:59 | 29 32.7 | -95 7.4 | 424.1 | 440.7 | 10349* | 456 | 32.6 | -27.0 | -9.1 | 71.5 | 75.4 | 0.0 | 207.6 | 91.2 | 92.5 | 206.7 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 15:56:30 | 29 32.7 | -95 5.3 | 113.1 | 12.1 | 113.8 | 473 | 87.1* | 2.7* | -17.6* | 957.0 | 70.3 | 32.2 | 12.4 | -16.9 | -18.9 | 0.3 |
| 15:56:30 | 29 32.8 | -95 5.3 | 113.2 | 12.2 | 113.8 | 488 | 86.8* | 2.5* | -17.6* | 250.5 | 70.3 | 32.5 | 11.7 | 22.6 | 22.6 | 0.0 |
| 15:56:30 | 29 32.8 | -95 5.3 | 113.0 | 10.5 | 113.5 | 498 | 0.0 | 32.1 | -9.9 | 70.3 | 77.4 | 50.0 | 27.9 | 23.0 | 23.0 | 9.3 |
| 15:56:29 | 29 32.8 | -95 5.3 | 423.9 | 440.5 | 10350* | 497 | 31.4 | -22.8 | -7.6 | 70.4 | 73.9 | 0.0 | 206.0 | 89.7 | 91.6 | 205.1 |
| 15:57:00 | 29 33.6 | -95 3.4 | 85.4 | 81.8 | 118.3 | 480 | 49.6* | 2.8 | -17.4 | 956.9 | 72.7 | 32.4 | 12.0 | -16.9 | -18.9 | 0.3 |
| 15:57:00 | 29 33.6 | -95 3.4 | 85.5 | 81.9 | 118.4 | 497 | 49.2* | 2.6 | -17.5 | 250.5 | 72.7 | 32.7 | 11.2 | 23.5 | 23.5 | 0.0 |
| 15:57:00 | 29 33.6 | -95 3.4 | 86.2 | 80.7 | 118.1 | 493 | 0.0

A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 16:01:30 | 29 43.5 | -94 47.9 | 95.9 | 52.4 | 109.3 | 483 | 66.9* | 4.2 | 0.8 | 955.7 | 62.4 | 31.2 | 13.2 | -16.9 | -18.9 | 0.3 |
| 16:01:30 | 29 43.5 | -94 47.9 | 96.0 | 52.6 | 109.4 | 499 | 67.1* | 4.0 | 0.6 | 250.5 | 62.4 | 31.5 | 12.8 | 21.6 | 21.6 | 0.0 |
| 16:01:30 | 29 43.5 | -94 47.9 | 95.8 | 52.5 | 109.3 | 499 | 0.0 | 44.3 | -2.9 | 63.8 | 69.8 | 50.0 | 30.1 | 22.3 | 22.3 | 8.8 |
| 16:01:29 | 29 43.5 | -94 47.9 | 425.1 | 441.8 | 10349* | 500 | 29.7 | -11.2 | -3.0 | 62.4 | 67.2 | 0.0 | 194.5 | 72.0 | 86.1 | 194.6 |
| 16:02:00 | 29 44.3 | -94 46.1 | 99.2 | 48.1 | 110.3 | 484 | 68.6 | 3.6 | -0.5 | 955.9 | 62.8 | 30.3 | 12.3 | -16.9 | -18.9 | 0.3 |
| 16:02:00 | 29 44.3 | -94 46.1 | 99.3 | 48.3 | 110.4 | 500 | 68.4 | 3.4 | -0.6 | 250.5 | 62.8 | 30.7 | 11.9 | 24.3 | 24.3 | 0.0 |
| 16:02:00 | 29 44.3 | -94 46.1 | 99.1 | 48.1 | 110.2 | 498 | 0.0 | 36.8 | -6.0 | 64.0 | 69.8 | 50.0 | 30.0 | 23.7 | 23.7 | 9.3 |
| 16:01:59 | 29 44.3 | -94 46.1 | 423.9 | 440.4 | 10349* | 501 | 29.9 | -11.6 | -3.8 | 62.9 | 67.0 | 0.0 | 194.9 | 72.4 | 84.9 | 194.7 |
| 16:02:30 | 29 45.2 | -94 44.3 | 81.3 | 83.2 | 116.4 | 482 | 46.1* | 4.1 | -25.2 | 956.6 | 68.6 | 31.0 | 11.6 | -16.9 | -18.9 | 0.3 |
| 16:02:30 | 29 45.2 | -94 44.3 | 81.4 | 83.4 | 116.5 | 497 | 45.8* | 3.9 | -25.4 | 250.5 | 68.6 | 31.3 | 11.0 | 24.2 | 24.2 | 0.0 |
| 16:02:30 | 29 45.2 | -94 44.3 | 83.3 | 80.6 | 115.9 | 489 | 0.0 | 41.0 | -5.9 | 69.5 | 76.3 | 50.0 | 28.4 | 23.7 | 23.7 | 9.8 |
| 16:02:29 | 29 45.2 | -94 44.3 | 422.8 | 439.3 | 10349* | 500 | 29.9 | -18.5 | -6.0 | 67.8 | 72.6 | 0.0 | 203.6 | 49.8 | 86.5 | 202.6 |
| 16:03:00 | 29 47.0 | -94 43.6 | 0.1 | 120.5 | 120.5 | 480 | 0.1 | 4.0 | -22.6* | 956.3 | 72.0 | 31.4 | 11.2 | -16.9 | -18.9 | 0.3 |
| 16:03:00 | 29 47.0 | -94 43.6 | 0.2 | 120.6 | 120.6 | 497 | 359.9* | 3.9 | -22.7* | 250.5 | 72.0 | 31.7 | 10.4 | 24.0 | 24.0 | 0.0 |
| 16:03:00 | 29 47.0 | -94 43.6 | 2.5 | 120.5 | 120.5 | 504 | 0.0 | 40.0 | -7.6 | 72.1 | 80.0 | 50.0 | 27.5 | 23.8 | 23.8 | 10.1 |
| 16:02:59 | 29 47.0 | -94 43.6 | 422.1 | 438.6 | 10349* | 500 | 30.3 | -27.0 | -8.9 | 71.0 | 76.2 | 0.0 | 208.5 | 359.5 | 86.6 | 207.0 |
| 16:03:30 | 29 48.6 | -94 44.7 | -101.9 | 57.5 | 117.0 | 482 | 295.6* | 3.9 | -24.4 | 956.5 | 72.5 | 31.6 | 11.3 | -16.9 | -18.9 | 0.4 |
| 16:03:30 | 29 48.6 | -94 44.7 | -101.8 | 57.6 | 117.0 | 497 | 295.2* | 3.7 | -24.6 | 250.5 | 72.5 | 31.9 | 10.6 | 23.3 | 23.3 | 0.0 |
| 16:03:30 | 29 48.6 | -94 44.6 | -101.0 | 59.7 | 117.3 | 501 | 0.0 | 40.9 | -7.2 | 73.0 | 80.4 | 50.0 | 27.3 | 23.4 | 23.4 | 10.0 |
| 16:03:29 | 29 48.6 | -94 44.7 | 422.3 | 438.8 | 10349* | 497 | 33.5 | -21.3 | -6.9 | 71.8 | 76.5 | 0.0 | 209.2 | 291.4 | 91.2 | 207.7 |
| 16:04:00 | 29 48.7 | -94 46.8 | -110.4 | -24.5 | 113.1 | 481 | 254.8 | 3.1 | -3.7* | 956.2 | 74.7 | 31.7 | 10.9 | -16.9 | -18.9 | 0.4 |
| 16:04:00 | 29 48.7 | -94 46.7 | -110.3 | -24.4 | 113.0 | 496 | 254.6 | 2.9 | -3.9* | 250.6 | 74.7 | 32.0 | 10.1 | 23.3 | 23.3 | 0.0 |
| 16:04:00 | 29 48.7 | -94 46.7 | -110.7 | -24.3 | 113.3 | 503 | 0.0 | 34.1 | -11.0 | 75.4 | 82.3 | 50.0 | 26.8 | 23.4 | 23.4 | 10.3 |
| 16:03:59 | 29 48.7 | -94 46.7 | 421.7 | 438.1 | 10348* | 497 | 32.0 | -19.0 | -5.8 | 73.9 | 79.0 | 0.0 | 212.3 | 249.4 | 97.8 | 210.4 |
| 16:04:30 | 29 48.3 | -94 48.8 | -112.6 | -24.2 | 115.1 | 483 | 255.0 | 2.9 | -1.3 | 955.9 | 75.9 | 31.8 | 10.7 | -16.9 | -18.9 | 0.4 |
| 16:04:30 | 29 48.3 | -94 48.8 | -112.5 | -24.1 | 115.0 | 500 | 255.2 | 2.8 | -1.4 | 250.5 | 75.9 | 32.0 | 9.8 | 23.5 | 23.5 | 0.0 |
| 16:04:30 | 29 48.3 | -94 48.8 | -112.7 | -24.2 | 115.3 | 511 | 0.0 | 33.2 | -11.9 | 76.7 | 83.5 | 50.0 | 26.4 | 23.4 | 23.4 | 10.5 |
| 16:04:29 | 29 48.3 | -94 48.8 | 421.4 | 437.8 | 10349* | 499 | 34.3 | -17.7 | -5.3 | 75.4 | 80.5 | 0.0 | 213.9 | 249.3 | 97.3 | 211.9 |
| 16:05:00 | 29 48.0 | -94 51.0 | -118.4 | -3.5 | 118.5 | 474 | 266.1 | 2.6 | 1.3 | 955.6 | 80.1 | 32.0 | 10.0 | -16.9 | -18.9 | 0.4 |
| 16:05:00 | 29 48.1 | -94 51.0 | -118.4 | -3.4 | 118.4 | 490 | 265.9 | 2.5 | 1.1 | 250.5 | 80.1 | 32.3 | 9.0 | 23.9 | 23.9 | 0.0 |
| 16:05:00 | 29 48.0 | -94 50.9 | -118.6 | -3.9 | 118.7 | 513 | 0.0 | 33.5 | -13.2 | 80.0 | 87.9 | 50.0 | 25.4 | 23.5 | 23.5 | 11.0 |
| 16:04:59 | 29 48.0 | -94 50.9 | 420.4 | 436.8 | 10349* | 499 | 35.7 | -24.8 | -8.0 | 79.5 | 84.8 | 0.0 | 219.6 | 259.6 | 99.0 | 216.9 |
| 16:05:30 | 29 48.0 | -94 53.2 | -117.0 | -0.3 | 117.0 | 471 | 266.9 | 2.6 | -1.8 | 956.1 | 77.4 | 32.2 | 10.8 | -16.9 | -18.9 | 0.3 |
| 16:05:30 | 29 48.1 | -94 53.2 | -116.9 | -0.1 | 116.9 | 488 | 266.6 | 2.4 | -1.9 | 250.6 | 77.4 | 32.5 | 9.9 | 23.7 | 23.7 | 0.0 |
| 16:05:30 | 29 48.0 | -94 53.1 | -117.2 | -0.2 | 117.2 | 495 | 0.0 | 32.0 | -13.0 | 78.0 | 85.0 | 50.0 | 26.1 | 23.5 | 23.5 | 10.4 |
| 16:05:29 | 29 48.0 | -94 53.1 | 421.5 | 438.0 | 10348* | 494 | 32.9 | -17.3 | -5.3 | 77.5 | 81.8 | 0.0 | 215.9 | 261.1 | 97.4 | 213.7 |
| 16:06:00 | 29 48.0 | -94 55.3 | -113.8 | 1.7 | 113.9 | 476 | 268.4* | 3.2 | -3.3 | 956.3 | 70.5 | 31.8 | 11.9 | -16.9 | -18.9 | 0.3 |
| 16:06:00 | 29 48.1 | -94 55.3 | -113.7 | 1.9 | 113.8 | 492 | 268.3* | 3.0 | -3.4 | 250.5 | 70.5 | 32.1 | 11.2 | 23.6 | 23.6 | 0.0 |
| 16:06:00 | 29 48.0 | -94 55.3 | -114.0 | 1.8 | 114.1 | 495 | 0.0 | 35.0 | -9.7 | 70.9 | 78.0 | 50.0 | 27.9 | 23.3 | 23.3 | 9.6 |
| 16:05:59 | 29 48.0 | -94 55.3 | 423.2 | 439.7 | 10349* | 494 | 30.2 | -21.1 | -5.1 | 70.8 | 74.9 | 0.0 | 206.4 | 262.3 | 92.0 | 205.3 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 16:06:30 | 29 48.0 | -94 57.4 | -110.1 | -1.5 | 110.1 | 466 | 266.6 | 3.7 | -1.5 | 956.3 | 69.6 | 31.8 | 12.1 | -16.9 | -18.9 | 0.4 |
| 16:06:30 | 29 48.1 | -94 57.4 | -110.0 | -1.3 | 110.0 | 483 | 266.7 | 3.5 | -1.6 | 250.5 | 69.6 | 32.1 | 11.5 | 22.4 | 22.4 | 0.0 |
| 16:06:30 | 29 48.0 | -94 57.4 | -110.4 | -1.4 | 110.4 | 490 | 0.0 | 37.6 | -7.7 | 70.3 | 77.0 | 50.0 | 28.1 | 23.0 | 23.0 | 9.5 |
| 16:06:29 | 29 48.0 | -94 57.4 | 423.6 | 440.1 | 10349* | 492 | 38.9 | -18.0 | -5.4 | 69.5 | 74.0 | 0.0 | 205.0 | 260.8 | 94.6 | 204.1 |
| 16:07:00 | 29 48.0 | -94 59.4 | -107.5 | 0.9 | 107.5 | 469 | 268.2 | 3.7 | -0.8* | 956.4 | 65.2 | 31.5 | 12.8 | -16.9 | -18.9 | 0.4 |
| 16:07:00 | 29 48.1 | -94 59.4 | -107.4 | 1.1 | 107.4 | 485 | 268.0 | 3.5 | -0.9* | 250.5 | 65.2 | 31.8 | 12.3 | 21.6 | 21.6 | 0.0 |
| 16:07:00 | 29 48.0 | -94 59.4 | -107.7 | 0.8 | 107.7 | 490 | 0.0 | 36.6 | -6.2 | 65.7 | 72.5 | 50.0 | 29.3 | 22.1 | 22.1 | 9.0 |
| 16:06:59 | 29 48.0 | -94 59.4 | 424.6 | 441.2 | 10349* | 493 | 34.5 | -21.7 | -5.3 | 65.4 | 69.2 | 0.0 | 198.7 | 261.8 | 91.4 | 198.4 |
| 16:07:30 | 29 48.0 | -95 1.4 | -106.0 | 2.7 | 106.0 | 469 | 268.8 | 3.8 | -1.8 | 956.1 | 65.0 | 31.6 | 13.0 | -16.9 | -18.8 | 0.3 |
| 16:07:30 | 29 48.1 | -95 1.4 | -105.9 | 3.0 | 105.9 | 484 | 268.6 | 3.7 | -1.9 | 250.6 | 65.0 | 31.9 | 12.4 | 21.5 | 21.5 | 0.0 |
| 16:07:30 | 29 48.1 | -95 1.4 | -106.2 | 2.9 | 106.3 | 492 | 0.0 | 39.1 | -5.3 | 65.9 | 72.2 | 50.0 | 29.4 | 22.4 | 22.4 | 8.9 |
| 16:07:29 | 29 48.1 | -95 1.4 | 424.8 | 441.4 | 10348* | 494 | 30.3 | -16.7 | -4.9 | 64.7 | 69.3 | 0.0 | 198.3 | 263.2 | 92.5 | 198.1 |
| 16:08:00 | 29 48.1 | -95 3.4 | -104.4 | 3.5 | 104.4 | 466 | 268.6 | 4.0 | -1.3 | 956.3 | 62.7 | 31.4 | 13.3 | -16.9 | -18.9 | 0.3 |
| 16:08:00 | 29 48.2 | -95 3.3 | -104.2 | 3.7 | 104.3 | 481 | 268.4 | 3.8 | -1.4 | 250.5 | 62.7 | 31.8 | 13.0 | 21.4 | 21.4 | 0.0 |
| 16:08:00 | 29 48.1 | -95 3.4 | -104.6 | 3.6 | 104.6 | 490 | 0.0 | 40.5 | -3.9 | 63.7 | 69.8 | 50.0 | 30.0 | 22.3 | 22.3 | 8.7 |
| 16:07:59 | 29 48.1 | -95 3.4 | 425.3 | 442.0 | 10349* | 492 | 33.9 | -15.3 | -4.5 | 63.0 | 67.0 | 0.0 | 194.8 | 262.3 | 91.2 | 194.9 |
| 16:08:30 | 29 48.1 | -95 5.3 | -104.5 | -1.2 | 104.5 | 476 | 266.3 | 4.3 | -1.5 | 956.3 | 61.8 | 31.5 | 13.6 | -16.9 | -18.9 | 0.3 |
| 16:08:30 | 29 48.2 | -95 5.3 | -104.3 | -1.0 | 104.3 | 492 | 266.4 | 4.1 | -1.7 | 250.5 | 61.8 | 31.9 | 13.3 | 20.8 | 20.8 | 0.0 |
| 16:08:30 | 29 48.1 | -95 5.3 | -104.6 | -1.1 | 104.6 | 490 | 0.0 | 38.4 | -4.6 | 62.9 | 68.9 | 50.0 | 30.2 | 22.2 | 22.2 | 8.5 |
| 16:08:29 | 29 48.1 | -95 5.3 | 425.7 | 442.4 | 10349* | 493 | 31.7 | -15.6 | -4.7 | 61.8 | 65.9 | 0.0 | 193.5 | 260.2 | 89.9 | 193.8 |
| 16:09:00 | 29 48.1 | -95 7.3 | -107.1 | -2.2 | 107.1 | 466 | 265.9 | 3.6 | -1.3 | 956.1 | 65.8 | 32.1 | 13.2 | -16.9 | -18.9 | 0.4 |
| 16:09:00 | 29 48.2 | -95 7.2 | -107.0 | -2.0 | 107.0 | 483 | 265.6 | 3.5 | -1.4 | 250.5 | 65.8 | 32.4 | 12.7 | 20.3 | 20.3 | 0.0 |
| 16:09:00 | 29 48.1 | -95 7.3 | -107.3 | -2.1 | 107.3 | 490 | 0.0 | 39.9 | -5.2 | 66.6 | 73.0 | 50.0 | 29.2 | 21.5 | 21.5 | 8.8 |
| 16:08:59 | 29 48.1 | -95 7.3 | 425.2 | 441.8 | 10349* | 493 | 34.2 | -18.0 | -5.3 | 65.0 | 70.2 | 0.0 | 199.4 | 259.6 | 92.8 | 199.3 |
| 16:09:30 | 29 48.0 | -95 9.3 | -106.2 | -3.1 | 106.3 | 468 | 266.3 | 4.2 | -1.7 | 956.3 | 62.7 | 31.3 | 13.3 | -16.9 | -18.9 | 0.4 |
| 16:09:30 | 29 48.1 | -95 9.2 | -106.1 | -2.8 | 106.1 | 482 | 266.1 | 4.1 | -1.8 | 250.5 | 62.7 | 31.8 | 12.9 | 21.7 | 21.7 | 0.0 |
| 16:09:30 | 29 48.1 | -95 9.3 | -106.4 | -3.0 | 106.5 | 487 | 0.0 | 41.2 | -3.6 | 63.4 | 69.8 | 50.0 | 30.0 | 22.9 | 22.9 | 8.7 |
| 16:09:29 | 29 48.1 | -95 9.3 | 425.3 | 441.9 | 10349* | 490 | 39.9 | -18.3 | -5.6 | 62.5 | 66.8 | 0.0 | 194.8 | 260.7 | 89.1 | 194.9 |
| 16:10:00 | 29 48.0 | -95 11.2 | -107.4 | -5.7 | 107.5 | 474 | 266.1 | 3.0 | -2.1 | 955.7 | 65.2 | 31.8 | 13.1 | -16.9 | -18.9 | 0.3 |
| 16:10:00 | 29 48.1 | -95 11.2 | -107.2 | -5.4 | 107.4 | 488 | 265.9 | 2.9 | -2.2 | 250.5 | 65.1 | 32.1 | 12.6 | 23.1 | 23.1 | 0.0 |
| 16:10:00 | 29 48.0 | -95 11.2 | -107.4 | -5.5 | 107.6 | 495 | 0.0 | 37.0 | -6.2 | 65.7 | 72.2 | 50.0 | 29.3 | 23.2 | 23.2 | 8.8 |
| 16:09:59 | 29 48.0 | -95 11.3 | 425.0 | 441.6 | 10349* | 498 | 36.7 | -20.2 | -6.4 | 65.4 | 69.0 | 0.0 | 198.5 | 261.6 | 91.0 | 198.4 |
| 16:10:30 | 29 47.9 | -95 13.2 | -107.8 | 0.5 | 107.8 | 456 | 268.5 | 3.8 | 0.4 | 956.3 | 65.5 | 31.8 | 13.1 | -16.9 | -18.9 | 0.3 |
| 16:10:30 | 29 48.0 | -95 13.2 | -107.6 | 0.8 | 107.6 | 474 | 268.7 | 3.6 | 0.3 | 250.5 | 65.5 | 32.1 | 12.5 | 22.4 | 22.4 | 0.0 |
| 16:10:30 | 29 47.9 | -95 13.3 | -107.9 | 0.4 | 107.9 | 487 | 0.0 | 38.5 | -5.8 | 66.2 | 72.8 | 50.0 | 29.2 | 22.9 | 22.9 | 8.9 |
| 16:10:29 | 29 47.9 | -95 13.3 | 425.0 | 441.6 | 10349* | 490 | 32.1 | -19.4 | -5.9 | 65.7 | 69.8 | 0.0 | 199.1 | 263.0 | 91.5 | 198.9 |
| 16:11:00 | 29 47.9 | -95 15.2 | -106.5 | 5.0 | 106.6 | 464 | 270.3 | 3.8 | -1.3* | 956.3 | 66.0 | 32.4 | 13.5 | -16.9 | -18.9 | 0.3 |
| 16:11:00 | 29 48.1 | -95 15.2 | -106.3 | 5.2 | 106.4 | 480 | 270.1 | 3.6 | -1.4* | 250.5 | 66.0 | 32.7 | 13.0 | 20.7 | 20.7 | 0.0 |
| 16:11:00 | 29 48.0 | -95 15.3 | -106.6 | 5.0 | 106.7 | 491 | 0.0 | 37.4 | -6.5 | 66.9 | 73.2 | 50.0 | 29.1 | 21.9 | 21.9 | 8.6 |
| 16:10:59 | 29 48.0 | -95 15.3 | 425.6 | 442.3 | 10349* | 490 | 40.4 | -16.6 | -4.8 | 65.9 | 70.4 | 0.0 | 199.8 | 265.0 | 93.6 | 199.7 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 16:11:30 | 29 48.0 | -95 17.2 | -106.1 | 0.7 | 106.1 | 462 | 269.8 | 4.0 | -0.8 | 956.2 | 63.4 | 31.5 | 13.3 | -16.9 | -18.9 | 0.4 |
| 16:11:30 | 29 48.1 | -95 17.2 | -106.0 | 1.0 | 106.0 | 478 | 269.5 | 3.8 | -0.9 | 250.5 | 63.4 | 31.9 | 12.9 | 22.9 | 22.9 | 0.0 |
| 16:11:30 | 29 48.0 | -95 17.2 | -106.3 | 0.7 | 106.3 | 490 | 0.0 | 38.3 | -5.1 | 63.8 | 70.6 | 50.0 | 29.8 | 23.1 | 23.1 | 8.7 |
| 16:11:29 | 29 48.0 | -95 17.2 | 425.3 | 441.9 | 10349* | 493 | 43.9 | -22.4 | -7.4 | 63.0 | 67.6 | 0.0 | 195.9 | 264.9 | 90.1 | 196.0 |
| 16:12:00 | 29 48.0 | -95 19.2 | -105.9 | 0.5 | 105.9 | 463 | 268.1 | 3.4 | -2.0 | 956.4 | 63.6 | 31.9 | 13.6 | -16.9 | -18.9 | 0.4 |
| 16:12:00 | 29 48.1 | -95 19.1 | -105.8 | 0.8 | 105.8 | 478 | 267.9 | 3.3 | -2.1 | 250.5 | 63.6 | 32.3 | 13.2 | 22.5 | 22.5 | 0.0 |
| 16:12:00 | 29 48.0 | -95 19.2 | -106.1 | 0.6 | 106.1 | 486 | 0.0 | 36.7 | -6.1 | 64.7 | 70.8 | 50.0 | 29.7 | 23.1 | 23.1 | 8.6 |
| 16:11:59 | 29 48.0 | -95 19.2 | 425.7 | 442.4 | 10349* | 490 | 38.6 | -14.8 | -4.3 | 63.5 | 67.7 | 0.0 | 196.3 | 263.3 | 90.8 | 196.4 |
| 16:12:30 | 29 48.0 | -95 21.2 | -107.7 | -0.4 | 107.7 | 460 | 268.4 | 3.8 | -0.3 | 956.4 | 65.4 | 31.9 | 13.2 | -16.9 | -18.9 | 0.3 |
| 16:12:30 | 29 48.1 | -95 21.1 | -107.5 | -0.1 | 107.5 | 473 | 268.5 | 3.7 | -0.5 | 250.5 | 65.4 | 32.3 | 12.7 | 22.5 | 22.5 | 0.0 |
| 16:12:30 | 29 48.0 | -95 21.2 | -107.8 | -0.5 | 107.8 | 485 | 0.0 | 36.3 | -6.7 | 65.9 | 72.7 | 50.0 | 29.2 | 23.1 | 23.1 | 8.8 |
| 16:12:29 | 29 48.0 | -95 21.2 | 425.1 | 441.8 | 10349* | 491 | 34.5 | -21.9 | -7.1 | 64.8 | 69.7 | 0.0 | 198.9 | 262.7 | 91.5 | 198.8 |
| 16:13:00 | 29 48.0 | -95 23.2 | -109.2 | -0.3 | 109.2 | 458 | 267.4 | 4.0 | -1.9 | 955.9 | 68.8 | 32.3 | 12.8 | -16.9 | -18.9 | 0.3 |
| 16:13:00 | 29 48.1 | -95 23.1 | -109.0 | 0.0 | 109.0 | 473 | 267.1 | 3.9 | -2.0 | 250.5 | 68.8 | 32.7 | 12.2 | 22.3 | 22.3 | 0.0 |
| 16:13:00 | 29 48.0 | -95 23.2 | -109.3 | -0.2 | 109.3 | 482 | 0.0 | 44.9 | -3.9 | 69.6 | 76.4 | 50.0 | 28.3 | 23.1 | 23.1 | 9.0 |
| 16:12:59 | 29 48.0 | -95 23.2 | 424.5 | 441.1 | 10349* | 490 | 42.7 | -18.1 | -5.2 | 68.1 | 73.1 | 0.0 | 203.8 | 261.9 | 94.5 | 203.3 |
| 16:13:30 | 29 48.0 | -95 25.2 | -110.2 | -1.1 | 110.2 | 457 | 268.0* | 3.9 | -2.0 | 956.5 | 66.9 | 32.1 | 13.1 | -16.9 | -18.9 | 0.3 |
| 16:13:30 | 29 48.1 | -95 25.2 | -110.1 | -0.8 | 110.1 | 472 | 267.7* | 3.7 | -2.2 | 250.5 | 66.9 | 32.5 | 12.5 | 23.1 | 23.1 | 0.0 |
| 16:13:30 | 29 48.0 | -95 25.3 | -110.3 | -0.9 | 110.3 | 484 | 0.0 | 37.1 | -6.8 | 67.3 | 74.3 | 50.0 | 28.8 | 23.3 | 23.3 | 8.9 |
| 16:13:29 | 29 48.0 | -95 25.3 | 424.9 | 441.6 | 10349* | 489 | 40.4 | -22.9 | -7.4 | 66.8 | 70.8 | 0.0 | 201.1 | 262.4 | 90.9 | 200.8 |
| 16:14:00 | 29 48.0 | -95 27.3 | -110.9 | -0.9 | 110.9 | 451 | 268.1 | 3.2 | -2.4 | 955.9 | 69.3 | 32.8 | 13.1 | -16.9 | -18.9 | 0.3 |
| 16:14:00 | 29 48.1 | -95 27.2 | -110.8 | -0.6 | 110.8 | 466 | 268.0 | 3.1 | -2.5 | 250.5 | 69.3 | 33.1 | 12.5 | 22.4 | 22.4 | 0.0 |
| 16:14:00 | 29 48.0 | -95 27.3 | -111.0 | -0.7 | 111.0 | 485 | 0.0 | 34.9 | -8.8 | 70.1 | 76.9 | 50.0 | 28.2 | 23.1 | 23.1 | 8.8 |
| 16:13:59 | 29 48.0 | -95 27.3 | 425.1 | 441.7 | 10349* | 493 | 39.7 | -18.6 | -5.9 | 69.4 | 73.7 | 0.0 | 204.7 | 263.7 | 93.5 | 204.2 |
| 16:14:30 | 29 48.0 | -95 29.4 | -112.4 | -0.2 | 112.4 | 453 | 267.9 | 3.4 | -1.1 | 956.1 | 69.2 | 32.5 | 12.9 | -16.9 | -18.9 | 0.2 |
| 16:14:30 | 29 48.1 | -95 29.3 | -112.2 | 0.1 | 112.2 | 468 | 268.0 | 3.2 | -1.3 | 250.5 | 69.2 | 32.8 | 12.2 | 22.5 | 22.5 | 0.0 |
| 16:14:30 | 29 48.0 | -95 29.4 | -112.5 | -0.0 | 112.5 | 489 | 0.0 | 34.8 | -8.8 | 70.1 | 76.4 | 50.0 | 28.2 | 22.9 | 22.9 | 9.0 |
| 16:14:29 | 29 48.0 | -95 29.4 | 424.6 | 441.2 | 10349* | 492 | 36.6 | -14.9 | -4.5 | 69.0 | 73.3 | 0.0 | 204.4 | 263.2 | 91.8 | 203.8 |
| 16:15:00 | 29 48.0 | -95 31.5 | -113.2 | 0.1 | 113.2 | 449 | 268.2 | 3.2 | -1.8 | 956.2 | 71.3 | 32.7 | 12.5 | -16.9 | -18.9 | 0.2 |
| 16:15:00 | 29 48.1 | -95 31.4 | -113.0 | 0.4 | 113.0 | 464 | 268.0 | 3.0 | -1.9 | 250.5 | 71.3 | 33.0 | 11.9 | 22.3 | 22.3 | 0.0 |
| 16:15:00 | 29 48.0 | -95 31.5 | -113.3 | 0.2 | 113.3 | 488 | 0.0 | 30.8 | -11.3 | 71.7 | 78.5 | 50.0 | 27.7 | 23.0 | 23.0 | 9.2 |
| 16:14:59 | 29 48.0 | -95 31.5 | 424.1 | 440.7 | 10349* | 493 | 41.0 | -20.9 | -6.6 | 70.9 | 75.6 | 0.0 | 207.4 | 262.7 | 93.8 | 206.5 |
| 16:15:30 | 29 48.0 | -95 33.6 | -113.7 | 0.6 | 113.7 | 441 | 268.0 | 3.3 | -0.9 | 956.0 | 72.0 | 32.8 | 12.5 | -16.9 | -18.9 | 0.2 |
| 16:15:30 | 29 48.1 | -95 33.5 | -113.5 | 0.9 | 113.5 | 456 | 267.7 | 3.1 | -1.0 | 250.5 | 72.0 | 33.1 | 11.8 | 21.7 | 21.7 | 0.0 |
| 16:15:30 | 29 48.0 | -95 33.6 | -113.8 | 0.6 | 113.8 | 483 | 0.0 | 36.8 | -8.8 | 72.8 | 79.5 | 50.0 | 27.5 | 22.8 | 22.8 | 9.2 |
| 16:15:29 | 29 48.0 | -95 33.6 | 424.1 | 440.7 | 10349* | 491 | 42.0 | -17.8 | -5.4 | 71.9 | 76.7 | 0.0 | 208.5 | 262.5 | 94.2 | 207.5 |
| 16:16:00 | 29 48.0 | -95 35.7 | -113.7 | 0.8 | 113.7 | 448 | 268.8 | 3.4 | -1.9 | 956.3 | 71.5 | 32.7 | 12.6 | -16.9 | -18.9 | 0.2 |
| 16:16:00 | 29 48.1 | -95 35.6 | -113.5 | 1.1 | 113.5 | 465 | 268.6 | 3.2 | -2.0 | 250.5 | 71.5 | 33.0 | 11.8 | 21.9 | 21.9 | 0.0 |
| 16:16:00 | 29 48.0 | -95 35.7 | -113.8 | 0.8 | 113.8 | 478 | 0.0 | 35.3 | -9.2 | 71.8 | 79.0 | 50.0 | 27.6 | 22.9 | 22.9 | 9.2 |
| 16:15:59 | 29 48.0 | -95 35.7 | 424.2 | 440.8 | 10349* | 490 | 34.5 | -22.1 | -7.0 | 71.4 | 75.4 | 0.0 | 207.7 | 263.3 | 93.5 | 206.8 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 16:16:30 | 29 48.0 | -95 37.8 | -114.5 | 0.6 | 114.5 | 448 | 268.1 | 3.2 | -0.6 | 956.2 | 74.0 | 32.9 | 12.1 | -16.9 | -18.9 | 0.2 |
| 16:16:30 | 29 48.2 | -95 37.7 | -114.3 | 0.9 | 114.3 | 463 | 268.2 | 3.1 | -0.8 | 250.5 | 74.0 | 33.1 | 11.3 | 22.0 | 22.0 | 0.0 |
| 16:16:30 | 29 48.0 | -95 37.9 | -114.6 | 0.5 | 114.6 | 478 | 0.0 | 34.6 | -10.5 | 74.3 | 81.5 | 50.0 | 27.0 | 22.8 | 22.8 | 9.5 |
| 16:16:29 | 29 48.0 | -95 37.9 | 423.5 | 440.1 | 10349* | 491 | 32.9 | -21.4 | -6.7 | 73.4 | 78.4 | 0.0 | 211.2 | 262.1 | 96.0 | 209.9 |
| 16:17:00 | 29 48.0 | -95 39.9 | -113.9 | 1.5 | 113.9 | 445 | 268.2 | 3.4 | -1.0 | 956.3 | 72.1 | 32.8 | 12.4 | -16.9 | -18.9 | 0.2 |
| 16:17:00 | 29 48.2 | -95 39.8 | -113.7 | 1.9 | 113.7 | 460 | 268.0 | 3.2 | -1.2 | 250.5 | 72.1 | 33.0 | 11.7 | 22.4 | 22.4 | 0.0 |
| 16:17:00 | 29 48.1 | -95 40.0 | -113.9 | 1.6 | 114.0 | 475 | 0.0 | 37.6 | -8.4 | 72.8 | 79.6 | 50.0 | 27.4 | 23.0 | 23.0 | 9.3 |
| 16:16:59 | 29

A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 16:21:30 | 29 56.5 | -95 47.5 | 50.7 | 108.7 | 119.9 | 423 | 27.5 | 3.7 | -0.7 | 956.6 | 72.3 | 33.0 | 12.7 | -16.9 | -18.8 | 0.3 |
| 16:21:30 | 29 56.7 | -95 47.4 | 50.9 | 109.0 | 120.3 | 440 | 27.5 | 3.5 | -0.9 | 250.5 | 72.3 | 33.3 | 11.9 | 22.1 | 22.1 | 0.0 |
| 16:21:30 | 29 56.5 | -95 47.6 | 50.7 | 108.8 | 120.0 | 485 | 0.0 | 34.4 | -10.0 | 72.8 | 79.8 | 50.0 | 27.4 | 22.8 | 22.8 | 9.1 |
| 16:21:29 | 29 56.5 | -95 47.6 | 424.3 | 440.9 | 10349* | 487 | 32.0 | -21.1 | -6.6 | 72.0 | 77.1 | 0.0 | 208.9 | 27.2 | 88.1 | 208.0 |
| 16:22:00 | 29 58.2 | -95 46.6 | 50.6 | 110.5 | 121.5 | 430 | 26.7 | 3.0 | -1.5 | 955.7 | 74.4 | 33.2 | 12.3 | -16.9 | -18.9 | 0.3 |
| 16:22:00 | 29 58.5 | -95 46.4 | 50.8 | 110.8 | 121.9 | 447 | 26.7 | 2.9 | -1.7 | 250.5 | 74.4 | 33.4 | 11.5 | 22.1 | 22.1 | 0.0 |
| 16:22:00 | 29 58.3 | -95 46.7 | 50.8 | 110.5 | 121.7 | 488 | 0.0 | 37.1 | -9.5 | 75.3 | 82.0 | 50.0 | 26.8 | 23.0 | 23.0 | 9.4 |
| 16:21:59 | 29 58.3 | -95 46.7 | 423.8 | 440.4 | 10350* | 494 | 35.5 | -13.5 | -3.6 | 74.5 | 78.9 | 0.0 | 211.8 | 27.8 | 89.1 | 210.5 |
| 16:22:30 | 30 0.0 | -95 45.6 | 49.4 | 111.3 | 121.8 | 472 | 26.1 | 5.3 | -1.0 | 949.9 | 73.8 | 32.4 | 11.7 | -16.9 | -18.9 | 0.3 |
| 16:22:30 | 30 0.3 | -95 45.5 | 49.5 | 111.6 | 122.1 | 487 | 25.8 | 5.2 | -1.1 | 250.5 | 73.8 | 32.7 | 10.9 | 22.1 | 22.1 | 0.0 |
| 16:22:30 | 30 0.1 | -95 45.7 | 49.6 | 111.2 | 121.8 | 538 | 0.0 | 31.4 | -12.2 | 75.4 | 81.8 | 50.0 | 27.0 | 23.0 | 23.0 | 9.7 |
| 16:22:29 | 30 0.1 | -95 45.7 | 423.0 | 439.5 | 10349* | 547 | 39.8 | -13.4 | -3.8 | 74.1 | 78.7 | 0.0 | 211.1 | 27.2 | 87.8 | 209.6 |
| 16:23:00 | 30 1.9 | -95 44.7 | 50.6 | 114.5 | 125.2 | 634 | 26.2 | 5.7 | -1.2 | 933.2 | 77.0 | 31.4 | 10.1 | -16.9 | -18.9 | 0.3 |
| 16:23:00 | 30 2.1 | -95 44.6 | 50.8 | 114.8 | 125.5 | 646 | 25.9 | 5.6 | -1.3 | 250.5 | 77.0 | 31.6 | 9.2 | 21.7 | 21.7 | 0.0 |
| 16:23:00 | 30 1.9 | -95 44.8 | 50.7 | 114.6 | 125.3 | 698 | 0.0 | 27.9 | -14.8 | 77.9 | 84.9 | 50.0 | 26.2 | 23.3 | 23.3 | 10.9 |
| 16:22:59 | 30 1.9 | -95 44.8 | 420.5 | 436.9 | 10349* | 704 | 32.5 | -19.6 | -6.1 | 77.4 | 81.6 | 0.0 | 215.4 | 26.6 | 87.6 | 213.0 |
| 16:23:30 | 30 3.7 | -95 43.7 | 50.4 | 114.5 | 125.1 | 818 | 26.3 | 5.1 | -0.4* | 913.3 | 77.6 | 29.7 | 8.4 | -16.9 | -18.9 | 0.3 |
| 16:23:30 | 30 4.0 | -95 43.6 | 50.6 | 114.8 | 125.5 | 826 | 26.3 | 5.0 | -0.6* | 250.5 | 77.6 | 30.0 | 7.5 | 21.5 | 21.5 | 0.0 |
| 16:23:30 | 30 3.8 | -95 43.8 | 50.5 | 114.6 | 125.2 | 883 | 0.0 | 29.4 | -14.3 | 78.4 | 85.6 | 50.0 | 26.0 | 23.7 | 23.7 | 12.3 |
| 16:23:29 | 30 3.8 | -95 43.8 | 418.0 | 434.2 | 10349* | 892 | 35.9 | -20.0 | -6.3 | 77.9 | 82.2 | 0.0 | 216.3 | 26.8 | 88.0 | 213.2 |
| 16:24:00 | 30 5.6 | -95 42.7 | 58.2 | 106.7 | 121.5 | 1028 | 30.3* | 8.1* | -10.3* | 891.2 | 67.6 | 27.9 | 8.9 | -16.9 | -18.9 | 0.3 |
| 16:24:00 | 30 5.8 | -95 42.6 | 58.4 | 107.0 | 121.9 | 1039 | 30.3* | 7.9* | -10.4* | 250.5 | 67.6 | 28.2 | 8.4 | 19.6 | 19.6 | 0.0 |
| 16:24:00 | 30 5.6 | -95 42.8 | 59.0 | 106.4 | 121.6 | 1101 | 0.0 | 31.6 | -9.9 | 68.2 | 75.3 | 50.0 | 28.7 | 22.0 | 22.0 | 11.9 |
| 16:23:59 | 30 5.6 | -95 42.8 | 418.8 | 435.1 | 10349* | 1106 | 32.1 | -24.6 | -8.1 | 67.7 | 71.9 | 0.0 | 202.1 | 29.4 | 78.2 | 200.2 |
| 16:24:30 | 30 7.4 | -95 42.1 | 26.5 | 115.5 | 118.5 | 1257 | 13.5 | 8.4* | 0.0* | 869.3 | 61.9 | 26.0 | 8.4 | -16.9 | -18.9 | 0.3 |
| 16:24:30 | 30 7.7 | -95 41.9 | 26.7 | 115.8 | 118.8 | 1263 | 13.3 | 8.2* | -0.1* | 250.5 | 61.9 | 26.4 | 8.1 | 18.1 | 18.1 | 0.0 |
| 16:24:30 | 30 7.5 | -95 42.2 | 26.5 | 115.7 | 118.7 | 1313 | 0.0 | 36.5 | -5.5 | 63.2 | 69.2 | 50.0 | 30.2 | 21.3 | 21.3 | 12.3 |
| 16:24:29 | 30 7.5 | -95 42.2 | 418.0 | 434.3 | 10349* | 1320 | 30.5 | -17.7 | -5.5 | 62.0 | 66.2 | 0.0 | 193.7 | 10.6 | 73.2 | 192.2 |
| 16:25:00 | 30 8.9 | -95 40.9 | 97.5 | 55.1 | 112.0 | 1482 | 66.4* | 4.0 | 10.1* | 845.8 | 55.8 | 23.9 | 7.9 | -16.9 | -18.9 | 0.3 |
| 16:25:00 | 30 9.1 | -95 40.8 | 97.7 | 55.5 | 112.4 | 1497 | 66.2* | 3.8 | 9.9* | 250.5 | 55.8 | 24.9 | 8.2 | 15.0 | 15.0 | 0.0 |
| 16:25:00 | 30 8.9 | -95 41.0 | 96.7 | 56.0 | 111.8 | 1556 | 0.0 | 41.4 | -1.1 | 56.3 | 63.1 | 50.0 | 31.9 | 19.1 | 19.1 | 12.7 |
| 16:24:59 | 30 8.9 | -95 41.0 | 417.3 | 433.5 | 10349* | 1556 | 29.5 | -25.6 | -8.7 | 55.7 | 60.1 | 0.0 | 184.1 | 66.8 | 71.2 | 183.0 |
| 16:25:30 | 30 10.1 | -95 39.3 | 57.1 | 108.9 | 123.0 | 1487* | 28.0* | 4.3* | -22.3* | 840.4 | 64.9 | 24.7 | 6.5 | -16.9 | -18.9 | 0.3 |
| 16:25:30 | 30 10.3 | -95 39.1 | 57.3 | 109.2 | 123.3 | 1562 | 27.9* | 4.1* | -22.4* | 250.5 | 64.9 | 25.2 | 6.2 | 13.9 | 13.9 | 0.0 |
| 16:25:30 | 30 10.1 | -95 39.3 | 59.0 | 107.6 | 122.7 | 1620 | 0.0 | 39.8 | -4.9 | 65.5 | 72.3 | 50.0 | 29.4 | 17.8 | 17.8 | 14.0 |
| 16:25:29 | 30 10.1 | -95 39.3 | 415.3 | 431.4 | 10349* | 1621 | 29.8 | -20.9 | -7.2 | 65.0 | 68.4 | 0.0 | 198.2 | 28.7 | 72.8 | 195.7 |
| 16:26:00 | 30 11.9 | -95 38.3 | 60.8 | 107.1 | 123.2 | 1710 | 32.2* | 3.8 | 2.4 | 823.8 | 64.1 | 24.1 | 6.2 | -16.9 | -18.9 | 0.2 |
| 16:26:00 | 30 12.1 | -95 38.1 | 61.1 | 107.4 | 123.6 | 1724 | 32.2 | 3.7 | 2.3 | 250.5 | 64.1 | 24.5 | 5.7 | 11.7 | 11.7 | 0.0 |
| 16:26:00 | 30 11.9 | -95 38.4 | 60.5 | 107.0 | 122.9 | 1786 | 0.0 | 36.0 | -6.3 | 64.8 | 71.0 | 50.0 | 29.6 | 14.8 | 14.8 | 14.4 |
| 16:25:59 | 30 11.9 | -95 38.4 | 414.7 | 430.8 | 10349* | 1785 | 30.0 | -18.0 | -5.7 | 64.2 | 68.3 | 0.0 | 196.9 | 32.2 | 71.3 | 194.4 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 16:26:30 | 30 13.6 | -95 37.0 | 70.0 | 109.7 | 130.1 | 1708 | 34.4 | 3.1 | -5.5* | 823.9 | 73.7 | 24.7 | 4.5 | -16.9 | -18.9 | 0.2 |
| 16:26:30 | 30 13.8 | -95 36.8 | 70.2 | 110.0 | 130.5 | 1720 | 34.1 | 3.0 | -5.6* | 250.5 | 73.7 | 24.9 | 3.8 | 12.8 | 12.8 | 0.0 |
| 16:26:30 | 30 13.6 | -95 37.1 | 70.5 | 109.5 | 130.2 | 1783 | 0.0 | 34.8 | -10.1 | 73.7 | 80.8 | 50.0 | 27.0 | 17.4 | 17.4 | 16.2 |
| 16:26:29 | 30 13.6 | -95 37.1 | 412.3 | 428.3 | 10349* | 1784 | 30.4 | -20.8 | -6.5 | 73.9 | 77.8 | 0.0 | 210.8 | 34.4 | 76.6 | 206.7 |
| 16:27:00 | 30 15.3 | -95 35.6 | 60.5 | 114.9 | 129.8 | 1724 | 28.3* | 3.0 | -13.5* | 823.8 | 72.6 | 24.9 | 4.9 | -16.9 | -18.9 | 0.2 |
| 16:27:00 | 30 15.5 | -95 35.4 | 60.7 | 115.2 | 130.1 | 1734 | 27.9* | 2.9 | -13.5* | 250.5 | 72.6 | 25.1 | 4.2 | 12.3 | 12.3 | 0.0 |
| 16:27:00 | 30 15.3 | -95 35.7 | 61.7 | 114.2 | 129.9 | 1781 | 0.0 | 33.4 | -10.5 | 73.2 | 79.7 | 50.0 | 27.3 | 15.2 | 15.2 | 15.8 |
| 16:26:59 | 30 15.3 | -95 35.6 | 412.9 | 428.9 | 10349* | 1788 | 31.9 | -14.1 | -4.4 | 72.9 | 76.6 | 0.0 | 209.4 | 28.9 | 75.7 | 205.5 |
| 16:27:30 | 30 17.1 | -95 34.3 | 73.3 | 109.5 | 131.8 | 1708 | 35.9 | 2.9 | -4.5* | 823.6 | 75.9 | 25.4 | 4.7 | -16.9 | -18.9 | 0.2 |
| 16:27:30 | 30 17.4 | -95 34.2 | 73.5 | 109.8 | 132.1 | 1716 | 35.9 | 2.7 | -4.7* | 250.5 | 75.9 | 25.7 | 4.0 | 12.7 | 12.7 | 0.0 |
| 16:27:30 | 30 17.1 | -95 34.4 | 73.5 | 109.3 | 131.7 | 1781 | 0.0 | 33.1 | -11.8 | 75.9 | 83.0 | 50.0 | 26.4 | 16.6 | 16.6 | 16.0 |
| 16:27:29 | 30 17.2 | -95 34.4 | 412.6 | 428.6 | 10349* | 1786 | 32.2 | -20.3 | -6.3 | 76.1 | 80.3 | 0.0 | 213.9 | 36.3 | 77.8 | 209.6 |
| 16:28:00 | 30 19.0 | -95 33.2 | 59.7 | 116.5 | 130.9 | 1736 | 28.7 | 5.9 | -0.2* | 820.3 | 74.8 | 25.3 | 4.9 | -16.9 | -18.9 | 0.3 |
| 16:28:00 | 30 19.3 | -95 33.0 | 59.9 | 116.8 | 131.3 | 1745 | 28.7 | 5.7 | -0.4* | 250.5 | 74.8 | 25.5 | 4.1 | 12.9 | 12.9 | 0.0 |
| 16:28:00 | 30 19.1 | -95 33.3 | 59.7 | 116.6 | 131.0 | 1811 | 0.0 | 31.0 | -12.4 | 75.5 | 82.1 | 50.0 | 26.7 | 16.3 | 16.3 | 15.8 |
| 16:27:59 | 30 19.1 | -95 33.3 | 412.8 | 428.8 | 10349* | 1817 | 22.1 | -17.0 | -5.0 | 75.0 | 79.5 | 0.0 | 212.3 | 28.2 | 77.1 | 208.2 |
| 16:28:30 | 30 20.9 | -95 32.1 | 57.3 | 113.6 | 127.2 | 1876 | 28.0 | 5.7 | -2.6* | 801.5 | 69.8 | 23.5 | 4.3 | -16.9 | -18.9 | 0.2 |
| 16:28:30 | 30 21.2 | -95 32.0 | 57.5 | 113.8 | 127.5 | 1958 | 27.7 | 5.6 | -2.8* | 250.5 | 69.8 | 23.8 | 3.7 | 12.9 | 12.9 | 0.0 |
| 16:28:30 | 30 20.9 | -95 32.2 | 57.5 | 113.5 | 127.2 | 2008 | 0.0 | 32.6 | -10.0 | 70.4 | 77.0 | 50.0 | 28.1 | 15.8 | 15.8 | 16.5 |
| 16:28:29 | 30 20.9 | -95 32.2 | 412.0 | 427.9 | 10349* | 2017 | 30.6 | -19.1 | -5.8 | 70.0 | 74.2 | 0.0 | 205.3 | 26.5 | 74.2 | 201.6 |
| 16:29:00 | 30 22.8 | -95 31.2 | 50.4 | 115.7 | 126.2 | 1862 | 24.9 | 6.0 | -1.1 | 785.8 | 65.9 | 23.1 | 4.8 | -16.9 | -18.9 | 0.2 |
| 16:29:00 | 30 23.0 | -95 31.0 | 50.6 | 116.0 | 126.5 | 2096 | 24.6 | 5.8 | -1.2 | 250.5 | 65.9 | 23.4 | 4.3 | 11.1 | 11.1 | 0.0 |
| 16:29:00 | 30 22.8 | -95 31.2 | 50.5 | 115.7 | 126.3 | 2171 | 0.0 | 36.0 | -7.0 | 66.7 | 73.0 | 50.0 | 29.1 | 14.5 | 14.5 | 15.9 |
| 16:28:59 | 30 22.8 | -95 31.2 | 412.6 | 428.6 | 10349* | 2185 | 29.2 | -17.0 | -5.2 | 66.1 | 70.2 | 0.0 | 199.7 | 23.9 | 70.2 | 196.5 |
| 16:29:30 | 30 24.6 | -95 30.2 | 50.2 | 115.7 | 126.1 | 2079* | 24.9 | 6.0 | -1.2 | 771.0 | 64.5 | 22.1 | 4.2 | -16.9 | -18.9 | 0.2 |
| 16:29:30 | 30 24.9 | -95 30.0 | 50.3 | 115.9 | 126.4 | 2244 | 24.9 | 5.8 | -1.3 | 250.5 | 64.5 | 22.5 | 3.8 | 10.1 | 10.1 | 0.0 |
| 16:29:30 | 30 24.7 | -95 30.3 | 50.2 | 115.7 | 126.1 | 2341 | 0.0 | 34.9 | -7.0 | 65.3 | 71.5 | 50.0 | 29.5 | 13.0 | 13.0 | 16.7 |
| 16:29:29 | 30 24.7 | -95 30.3 | 411.7 | 427.7 | 10349* | 2346 | 28.8 | -18.2 | -5.7 | 64.7 | 68.8 | 0.0 | 197.6 | 23.7 | 68.2 | 194.4 |
| 16:30:00 | 30 26.5 | -95 29.3 | 48.6 | 116.0 | 125.8 | 2338* | 24.2 | 6.1 | -0.7 | 757.3 | 62.3 | 21.4 | 4.0 | -16.9 | -18.9 | 0.2 |
| 16:30:00 | 30 26.8 | -95 29.1 | 48.8 | 116.3 | 126.1 | 2370 | 24.3 | 6.0 | -0.9 | 250.5 | 62.3 | 22.0 | 3.9 | 8.5 | 8.5 | 0.0 |
| 16:30:00 | 30 26.6 | -95 29.4 | 48.6 | 116.0 | 125.8 | 2489 | 0.0 | 36.0 | -5.7 | 63.2 | 69.1 | 50.0 | 30.1 | 10.9 | 10.9 | 16.8 |
| 16:29:59 | 30 26.6 | -95 29.4 | 411.5 | 427.5 | 10349* | 2498 | 29.0 | -16.9 | -5.2 | 62.4 | 66.6 | 0.0 | 194.2 | 23.2 | 65.3 | 191.2 |
| 16:30:30 | 30 28.4 | -95 28.4 | 38.1 | 119.8 | 125.7 | 2447 | 18.2* | 6.2 | -6.7* | 744.0 | 61.6 | 20.7 | 3.5 | -16.9 | -18.9 | 0.2 |
| 16:30:30 | 30 28.7 | -95 28.3 | 38.2 | 120.1 | 126.0 | 2538 | 18.0* | 6.0 | -6.8* | 250.5 | 61.6 | 21.5 | 3.5 | 6.7 | 6.7 | 0.0 |
| 16:30:30 | 30 28.5 | -95 28.5 | 38.7 | 119.6 | 125.7 | 2643 | 0.0 | 36.5 | -5.2 | 62.4 | 68.4 | 50.0 | 30.3 | 9.4 | 9.4 | 17.4 |
| 16:30:29 | 30 28.5 | -95 28.5 | 410.8 | 426.7 | 10349* | 2652 | 28.4 | -18.3 | -5.9 | 61.7 | 65.7 | 0.0 | 193.2 | 16.3 | 64.3 | 190.1 |
| 16:31:00 | 30 30.4 | -95 27.8 | 29.6 | 121.8 | 125.4 | 2698 | 14.3 | 6.2 | -1.6 | 730.6 | 61.2 | 20.0 | 3.0 | -16.9 | -18.9 | 0.2 |
| 16:31:00 | 30 30.7 | -95 27.6 | 29.7 | 122.0 | 125.6 | 2691 | 14.0 | 6.1 | -1.8 | 250.5 | 61.2 | 20.8 | 3.0 | 5.8 | 5.8 | 0.0 |
| 16:31:00 | 30 30.4 | -95 27.9 | 29.7 | 121.8 | 125.4 | 2795 | 0.0 | 36.7 | -5.0 | 62.0 | 68.0 | 50.0 | 30.4 | 8.7 | 8.7 | 18.1 |
| 16:30:59 | 30 30.4 | -95 27.9 | 410.0 | 425.9 | 10349* | 2799 | 18.2 | -17.9 | -5.6 | 61.3 | 65.5 | 0.0 | 192.6 | 11.4 | 63.9 | 189.3 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 16:31:30 | 30 32.4 | -95 27.3 | 28.1 | 122.0 | 125.1 | 2818 | 13.2 | 5.3 | -0.9 | 717.9 | 61.0 | 19.5 | 2.5 | -16.9 | -18.9 | 0.2 |
| 16:31:30 | 30 32.7 | -95 27.1 | 28.2 | 122.2 | 125.4 | 2816 | 13.1 | 5.1 | -1.1 | 250.6 | 61.0 | 20.2 | 2.5 | 4.7 | 4.7 | 0.0 |
| 16:31:30 | 30 32.4 | -95 27.3 | 28.0 | 121.9 | 125.1 | 2947 | 0.0 | 33.9 | -6.1 | 61.6 | 67.5 | 50.0 | 30.5 | 7.1 | 7.1 | 18.8 |
| 16:31:29 | 30 32.3 | -95 27.4 | 409.3 | 425.1 | 10348* | 2940 | 18.6 | -18.6 | -5.9 | 61.1 | 65.0 | 0.0 | 192.2 | 9.0 | 63.7 | 188.8 |
| 16:32:00 | 30 34.4 | -95 26.7 | 29.6 | 123.6 | 127.1 | 2926 | 13.5 | 5.5 | -1.1 | 708.3 | 62.8 | 20.1 | 2.7 | -16.9 | -18.9 | 0.2 |
| 16:32:00 | 30 34.7 | -95 26.6 | 29.7 | 123.8 | 127.3 | 2931 | 13.6 | 5.3 | -1.3 | 250.5 | 62.8 | 20.9 | 2.7 | 2.7 | 2.7 | 0.0 |
| 16:32:00 | 30 34.4 | -95 26.8 | 29.5 | 123.6 | 127.0 | 3051 | 0.0 | 36.2 | -5.7 | 63.2 | 69.5 | 50.0 | 30.0 | 5.0 | 5.0 | 18.5 |
| 16:31:59 | 30 34.4 | -95 26.8 | 409.6 | 425.4 | 10349* | 3059 | 27.2 | -19.1 | -6.0 | 62.9 | 67.0 | 0.0 | 195.0 | 8.9 | 64.5 | 191.5 |
| 16:32:30 | 30 36.4 | -95 26.2 | 30.6 | 123.7 | 127.4 | 2549* | 13.4 | 5.6 | -1.0 | 696.9 | 62.6 | 19.0 | 1.7 | -16.9 | -18.9 | 0.2 |
| 16:32:30 | 30 36.7 | -95 26.0 | 30.7 | 123.9 | 127.6 | 3094 | 13.2 | 5.4 | -1.2 | 250.5 | 62.6 | 19.7 | 1.7 | 2.5 | 2.5 | 0.0 |
| 16:32:30 | 30 36.4 | -95 26.2 | 30.5 | 123.6 | 127.3 | 3174 | 0.0 | 36.3 | -5.5 | 63.0 | 69.2 | 50.0 | 30.0 | 4.5 | 4.5 | 20.0 |
| 16:32:29 | 30 36.4 | -95 26.2 | 408.1 | 423.8 | 10349* | 3193 | 15.5 | -18.3 | -5.7 | 62.7 | 66.8 | 0.0 | 194.6 | 8.0 | 63.5 | 190.8 |
| 16:33:00 | 30 38.4 | -95 25.6 | 31.2 | 123.9 | 127.8 | 3213 | 13.6 | 5.5 | -0.9 | 686.2 | 62.0 | 18.0 | 0.9 | -16.9 | -18.9 | 0.2 |
| 16:33:00 | 30 38.7 | -95 25.4 | 31.3 | 124.1 | 128.0 | 3207 | 13.3 | 5.3 | -1.0 | 250.5 | 62.0 | 18.8 | 0.9 | 1.9 | 1.9 | 0.0 |
| 16:33:00 | 30 38.4 | -95 25.7 | 31.1 | 123.8 | 127.7 | 3297 | 0.0 | 36.4 | -5.3 | 62.5 | 68.6 | 50.0 | 30.2 | 3.8 | 3.8 | 21.2 |
| 16:32:59 | 30 38.4 | -95 25.7 | 406.8 | 422.5 | 10349* | 3322 | 17.6 | -18.1 | -5.6 | 62.1 | 66.3 | 0.0 | 193.8 | 7.8 | 62.1 | 189.7 |
| 16:33:30 | 30 40.4 | -95 25.0 | 31.5 | 124.4 | 128.3 | 2575 | 13.7 | 5.4 | -1.2 | 676.7 | 62.6 | 17.1 | -0.1 | -16.9 | -18.9 | 0.2 |
| 16:33:30 | 30 40.7 | -95 24.8 | 31.6 | 124.5 | 128.5 | 3318 | 13.6 | 5.2 | -1.4 | 250.5 | 62.6 | 17.9 | -0.1 | 1.9 | 1.9 | 0.0 |
| 16:33:30 | 30 40.4 | -95 25.1 | 31.5 | 124.3 | 128.2 | 3412 | 0.0 | 36.2 | -5.6 | 62.9 | 69.2 | 50.0 | 30.0 | 3.8 | 3.8 | 22.8 |
| 16:33:29 | 30 40.4 | -95 25.1 | 405.4 | 421.0 | 10349* | 3438 | 11.6 | -19.6 | -6.2 | 62.7 | 66.8 | 0.0 | 194.7 | 7.8 | 62.2 | 190.2 |
| 16:34:00 | 30 42.4 | -95 24.4 | 30.4 | 125.5 | 129.1 | 2622 | 13.9 | 5.3 | -1.8 | 667.8 | 62.6 | 16.5 | -0.6 | -16.9 | -18.9 | 0.2 |
| 16:34:00 | 30 42.7 | -95 24.2 | 30.4 | 125.6 | 129.3 | 3433 | 14.0 | 5.1 | -2.0 | 250.5 | 62.6 | 17.3 | -0.7 | 1.7 | 1.7 | 0.0 |
| 16:34:00 | 30 42.5 | -95 24.5 | 30.4 | 125.4 | 129.0 | 3523 | 0.0 | 36.2 | -5.6 | 62.9 | 69.1 | 50.0 | 30.0 | 3.8 | 3.8 | 23.7 |
| 16:33:59 | 30 42.5 | -95 24.5 | 404.6 | 420.2 | 10349* | 3547 | 23.5 | -19.4 | -6.1 | 62.7 | 66.8 | 0.0 | 194.7 | 9.8 | 61.0 | 190.0 |
| 16:34:30 | 30 44.4 | -95 23.9 | 32.4 | 125.4 | 129.5 | 3422* | 14.6 | 5.3 | -0.3 | 659.3 | 61.9 | 15.7 | -1.3 | -16.9 | -18.9 | 0.2 |
| 16:34:30 | 30 44.8 | -95 23.7 | 32.5 | 125.6 | 129.7 | 3512 | 14.4 | 5.2 | -0.4 | 250.5 | 61.9 | 16.4 | -1.3 | 1.7 | 1.7 | 0.0 |
| 16:34:30 | 30 44.5 | -95 23.9 | 32.2 | 125.4 | 129.5 | 3618 | 0.0 | 36.0 | -5.4 | 62.2 | 68.4 | 50.0 | 30.2 | 3.6 | 3.6 | 24.9 |
| 16:34:29 | 30 44.5 | -95 23.9 | 403.6 | 419.2 | 10349* | 3651 | 25.8 | -18.8 | -5.9 | 62.0 | 66.2 | 0.0 | 193.7 | 9.7 | 59.4 | 188.9 |
| 16:35:00 | 30 46.5 | -95 23.2 | 36.3 | 125.0 | 130.2 | 3148* | 16.3 | 5.3 | -0.8 | 650.8 | 62.0 | 14.7 | -2.2 | -16.9 | -18.9 | 0.2 |
| 16:35:00 | 30 46.8 | -95 23.0 | 36.3 | 125.2 | 130.3 | 3648 | 16.1 | 5.1 | -0.9 | 250.5 | 62.0 | 15.5 | -2.2 | 1.3 | 1.3 | 0.0 |
| 16:35:00 | 30 46.5 | -95 23.3 | 36.1 | 125.0 | 130.1 | 3733 | 0.0 | 35.8 | -5.5 | 62.3 | 68.3 | 50.0 | 30.2 | 3.1 | 3.1 | 26.7 |
| 16:34:59 | 30 46.5 | -95 23.3 | 402.3 | 417.8 | 10349* | 3758 | 26.3 | -18.3 | -5.7 | 62.1 | 66.2 | 0.0 | 193.8 | 11.8 | 58.6 | 188.6 |
| 16:35:30 | 30 48.5 | -95 22.5 | 37.1 | 125.3 | 130.7 | 3023* | 16.8 | 5.3 | -1.2 | 642.7 | 61.9 | 13.8 | -3.0 | -16.9 | -18.9 | 0.2 |
| 16:35:30 | 30 48.8 | -95 22.3 | 37.2 | 125.4 | 130.8 | 3794 | 16.7 | 5.1 | -1.3 | 250.5 | 61.9 | 14.6 | -2.9 | 1.0 | 1.0 | 0.0 |
| 16:35:30 | 30 48.5 | -95 22.6 | 37.1 | 125.2 | 130.6 | 3845 | 0.0 | 36.3 | -5.2 | 62.4 | 68.2 | 50.0 | 30.2 | 2.9 | 2.9 | 28.4 |
| 16:35:29 | 30 48.5 | -95 22.6 | 401.1 | 416.5 | 10350* | 3862 | 21.1 | -17.2 | -5.2 | 62.0 | 66.2 | 0.0 | 193.6 | 13.0 | 57.6 | 188.2 |
| 16:36:00 | 30 50.5 | -95 21.8 | 35.4 | 126.2 | 131.0 | 6128* | 15.5 | 5.3 | -2.0 | 634.6 | 61.1 | 12.8 | -3.8 | -16.9 | -18.9 | 0.2 |
| 16:36:00 | 30 50.9 | -95 21.6 | 35.4 | 126.3 | 131.2 | 3921 | 15.5 | 5.2 | -2.2 | 250.5 | 61.1 | 13.6 | -3.7 | 0.8 | 0.8 | 0.0 |
| 16:36:00 | 30 50.6 | -95 21.9 | 35.4 | 126.1 | 130.9 | 3947 | 0.0 | 36.2 | -5.0 | 61.6 | 67.4 | 50.0 | 30.4 | 2.5 | 2.5 | 30.2 |
| 16:35:59 | 30 50.6 | -95 21.9 | 399.9 | 415.2 | 10349* | 3965 | 21.1 | -17.6 | -5.4 | 61.2 | 65.4 | 0.0 | 192.4 | 10.4 | 55.9 | 186.8 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 16:36:30 | 30 52.6 | -95 21.2 | 34.9 | 126.6 | 131.3 | 5715* | 14.6 | 5.3 | -0.9 | 626.6 | 61.6 | 12.6 | -4.1 | -16.9 | -18.9 | 0.2 |
| 16:36:30 | 30 52.9 | -95 21.0 | 34.9 | 126.7 | 131.4 | 4009 | 14.4 | 5.1 | -1.0 | 250.5 | 61.6 | 13.5 | -4.0 | -2.8 | -3.1 | 0.0 |
| 16:36:30 | 30 52.6 | -95 21.2 | 34.8 | 126.5 | 131.2 | 4053 | 0.0 | 36.6 | -4.9 | 61.9 | 67.9 | 50.0 | 30.3 | -3.4 | -3.8 | 30.8 |
| 16:36:29 | 30 52.6 | -95 21.2 | 399.5 | 414.8 | 10349* | 4067 | 24.9 | -17.7 | -5.6 | 61.7 | 65.9 | 0.0 | 193.1 | 7.9 | 56.4 | 187.4 |
| 16:37:00 | 30 54.6 | -95 20.5 | 35.1 | 126.2 | 131.0 | 7014* | 14.7 | 5.3 | -1.3 | 617.6 | 61.4 | 11.7 | -4.9 | -16.9 | -18.9 | 0.2 |
| 16:37:00 | 30 55.0 | -95 20.3 | 35.2 | 126.3 | 131.1 | 4096 | 14.4 | 5.1 | -1.4 | 250.5 | 61.4 | 12.5 | -4.9 | -3.2 | -3.7 | 0.0 |
| 16:37:00 | 30 54

A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 16:41:30 | 31 13.6 | -95 14.6 | 35.8 | 133.9 | 138.6 | 637 | 15.1 | 5.5 | -1.8 | 569.9 | 66.0 | 10.7 | -6.9 | -16.9 | -18.9 | 0.3 |
| 16:41:30 | 31 13.9 | -95 14.4 | 35.8 | 134.0 | 138.7 | 4706 | 15.0 | 5.3 | -1.9 | 250.5 | 66.0 | 11.1 | -7.3 | -27.6 | -30.5 | 0.0 |
| 16:41:30 | 31 13.6 | -95 14.7 | 35.8 | 133.9 | 138.6 | 4817 | 0.0 | 33.9 | -7.4 | 66.0 | 72.0 | 50.0 | 29.1 | -31.6 | -34.8 | 38.2 |
| 16:41:29 | 31 13.6 | -95 14.7 | 395.3 | 410.5 | 10349* | 4821 | 26.3 | -16.8 | -5.3 | 66.1 | 70.4 | 0.0 | 199.8 | 11.1 | 53.9 | 192.5 |
| 16:42:00 | 31 15.7 | -95 13.9 | 33.6 | 129.4 | 133.7 | 6747* | 14.4 | 5.5 | -1.3 | 560.0 | 60.1 | 9.9 | -6.3 | -16.9 | -18.9 | 0.3 |
| 16:42:00 | 31 16.1 | -95 13.7 | 33.6 | 129.5 | 133.8 | 4729 | 14.5 | 5.3 | -1.5 | 250.5 | 60.1 | 10.7 | -6.2 | -35.6 | -39.0 | 0.0 |
| 16:42:00 | 31 15.7 | -95 14.0 | 33.5 | 129.4 | 133.6 | 4959 | 0.0 | 35.9 | -4.4 | 60.4 | 65.9 | 50.0 | 30.7 | -37.3 | -40.8 | 36.5 |
| 16:41:59 | 31 15.7 | -95 14.0 | 396.2 | 411.4 | 10349* | 4962 | 25.7 | -16.2 | -5.0 | 60.2 | 64.4 | 0.0 | 190.8 | 9.2 | 50.9 | 184.5 |
| 16:42:30 | 31 17.8 | -95 13.3 | 33.9 | 132.1 | 136.4 | 7117 | 14.1 | 3.2 | -1.0* | 556.7 | 62.2 | 9.8 | -6.9 | -16.9 | -18.9 | 0.3 |
| 16:42:30 | 31 18.2 | -95 13.1 | 33.8 | 132.2 | 136.4 | 4718* | 13.8 | 3.1 | -1.1* | 250.5 | 62.2 | 10.4 | -7.0 | -39.2 | -42.8 | 0.0 |
| 16:42:30 | 31 17.8 | -95 13.4 | 33.8 | 131.8 | 136.1 | 5009 | 0.0 | 34.2 | -5.7 | 62.6 | 67.8 | 50.0 | 30.1 | -37.4 | -40.9 | 38.2 |
| 16:42:29 | 31 17.8 | -95 13.4 | 395.3 | 410.5 | 10349* | 5012 | 18.3 | -12.7 | -3.7 | 62.4 | 66.4 | 0.0 | 194.1 | 9.8 | 51.0 | 187.3 |
| 16:43:00 | 31 20.0 | -95 12.6 | 36.2 | 136.0 | 140.8 | 6747* | 14.6 | 3.3 | -1.2 | 556.6 | 66.6 | 10.7 | -7.0 | -16.9 | -18.9 | 0.3 |
| 16:43:00 | 31 20.4 | -95 12.5 | 36.1 | 136.1 | 140.8 | 4755 | 14.3 | 3.1 | -1.4 | 250.5 | 66.6 | 11.1 | -7.4 | -39.8 | -43.4 | 0.0 |
| 16:43:00 | 31 20.0 | -95 12.8 | 36.0 | 135.8 | 140.5 | 5008 | 0.0 | 32.3 | -8.1 | 66.4 | 72.4 | 50.0 | 28.9 | -37.0 | -40.5 | 38.6 |
| 16:42:59 | 31 20.0 | -95 12.7 | 395.1 | 410.3 | 10349* | 5010 | 24.6 | -18.1 | -5.8 | 66.8 | 70.9 | 0.0 | 200.7 | 8.6 | 52.7 | 193.3 |
| 16:43:30 | 31 22.2 | -95 12.0 | 37.4 | 140.0 | 144.9 | 5838* | 14.7 | 2.7 | -1.4 | 556.5 | 70.4 | 11.0 | -7.5 | -16.9 | -18.9 | 0.3 |
| 16:43:30 | 31 22.6 | -95 11.8 | 37.3 | 140.1 | 144.9 | 4734 | 14.6 | 2.6 | -1.6 | 250.5 | 70.4 | 11.5 | -8.0 | -38.6 | -42.2 | 0.0 |
| 16:43:30 | 31 22.2 | -95 12.1 | 37.2 | 139.8 | 144.6 | 5013 | 0.0 | 30.9 | -9.9 | 69.9 | 76.1 | 50.0 | 27.9 | -37.0 | -40.5 | 40.1 |
| 16:43:29 | 31 22.2 | -95 12.1 | 394.4 | 409.5 | 10349* | 5010 | 26.9 | -18.0 | -5.7 | 70.6 | 74.8 | 0.0 | 206.2 | 9.2 | 53.3 | 198.0 |
| 16:44:00 | 31 24.5 | -95 11.2 | 38.5 | 143.2 | 148.3 | 7325* | 14.9 | 2.5 | -1.5 | 556.4 | 74.9 | 11.8 | -7.7 | -16.9 | -18.9 | 0.3 |
| 16:44:00 | 31 24.9 | -95 11.0 | 38.3 | 143.3 | 148.3 | 4805* | 15.0 | 2.3 | -1.6 | 250.5 | 74.9 | 12.2 | -8.4 | -38.9 | -42.5 | 0.0 |
| 16:44:00 | 31 24.5 | -95 11.3 | 38.2 | 143.0 | 148.0 | 5015 | 0.0 | 28.8 | -12.4 | 74.3 | 80.5 | 50.0 | 26.7 | -37.1 | -40.6 | 40.9 |
| 16:43:59 | 31 24.5 | -95 11.3 | 394.0 | 409.1 | 10349* | 5011 | 22.2 | -17.7 | -5.6 | 75.1 | 79.4 | 0.0 | 212.5 | 10.2 | 55.5 | 203.6 |
| 16:44:30 | 31 26.9 | -95 10.5 | 38.6 | 144.1 | 149.2 | 7062* | 15.3 | 2.5 | -1.8 | 556.4 | 75.7 | 11.6 | -8.0 | -16.9 | -18.9 | 0.3 |
| 16:44:30 | 31 27.2 | -95 10.3 | 38.4 | 144.2 | 149.2 | 4780 | 15.1 | 2.4 | -2.0 | 250.5 | 75.7 | 12.0 | -8.7 | -39.3 | -42.9 | 0.0 |
| 16:44:30 | 31 26.9 | -95 10.6 | 38.4 | 144.0 | 149.1 | 5012 | 0.0 | 28.9 | -12.5 | 74.9 | 81.3 | 50.0 | 26.5 | -36.6 | -40.1 | 41.8 |
| 16:44:29 | 31 26.9 | -95 10.6 | 393.6 | 408.7 | 10349* | 5010 | 25.7 | -18.3 | -5.8 | 75.9 | 80.3 | 0.0 | 213.7 | 12.0 | 55.4 | 204.6 |
| 16:45:00 | 31 29.2 | -95 9.9 | 22.0 | 146.7 | 148.4 | 6505* | 8.7 | 2.7 | -4.7* | 556.6 | 75.4 | 11.5 | -8.1 | -16.9 | -18.9 | 0.3 |
| 16:45:00 | 31 29.6 | -95 9.7 | 21.9 | 146.8 | 148.4 | 4744 | 8.4 | 2.5 | -4.8* | 250.5 | 75.4 | 11.9 | -8.7 | -39.2 | -42.8 | 0.0 |
| 16:45:00 | 31 29.2 | -95 10.0 | 22.2 | 146.5 | 148.2 | 5009 | 0.0 | 30.2 | -11.8 | 74.6 | 81.1 | 50.0 | 26.6 | -37.0 | -40.5 | 42.0 |
| 16:44:59 | 31 29.2 | -95 10.0 | 393.5 | 408.6 | 10349* | 5007 | 16.6 | -18.5 | -5.8 | 75.6 | 79.9 | 0.0 | 213.2 | 5.3 | 55.8 | 204.1 |
| 16:45:30 | 31 31.6 | -95 9.5 | 21.9 | 146.4 | 148.0 | 668 | 8.2 | 2.7 | -1.2 | 556.5 | 74.2 | 11.4 | -7.9 | -16.9 | -18.9 | 0.3 |
| 16:45:30 | 31 31.9 | -95 9.3 | 21.8 | 146.4 | 148.0 | 4786 | 8.1 | 2.5 | -1.4 | 250.5 | 74.2 | 11.8 | -8.5 | -39.2 | -42.8 | 0.0 |
| 16:45:30 | 31 31.6 | -95 9.6 | 21.8 | 146.3 | 147.9 | 5004 | 0.0 | 29.8 | -11.6 | 73.7 | 79.8 | 50.0 | 26.9 | -36.6 | -40.1 | 41.4 |
| 16:45:29 | 31 31.6 | -95 9.6 | 393.8 | 408.9 | 10349* | 5007 | 21.5 | -16.1 | -4.9 | 74.5 | 78.8 | 0.0 | 211.6 | 3.6 | 54.9 | 202.7 |
| 16:46:00 | 31 34.0 | -95 9.0 | 23.1 | 146.1 | 148.0 | 668 | 8.9 | 2.7 | -0.4 | 556.5 | 74.4 | 11.4 | -8.0 | -16.9 | -18.9 | 0.3 |
| 16:46:00 | 31 34.3 | -95 8.9 | 23.0 | 146.2 | 148.0 | 4804 | 9.0 | 2.5 | -0.6 | 250.5 | 74.4 | 11.8 | -8.6 | -39.2 | -42.8 | 0.0 |
| 16:46:00 | 31 33.9 | -95 9.2 | 22.9 | 146.0 | 147.8 | 5002 | 0.0 | 30.0 | -11.6 | 73.9 | 79.9 | 50.0 | 26.8 | -36.6 | -40.1 | 41.5 |
| 16:45:59 | 31 34.0 | -95 9.2 | 393.7 | 408.8 | 10349* | 5007 | 23.5 | -15.8 | -4.8 | 74.6 | 79.0 | 0.0 | 211.8 | 4.6 | 55.1 | 202.9 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 16:46:30 | 31 36.3 | -95 8.6 | 24.0 | 146.5 | 148.4 | 668 | 9.1 | -1.8 | -1.8 | 562.0 | 76.0 | 11.8 | -7.9 | -16.9 | -18.9 | 0.3 |
| 16:46:30 | 31 36.7 | -95 8.4 | 23.8 | 146.5 | 148.4 | 4687* | 8.8 | -1.9 | -1.9 | 250.5 | 76.0 | 12.2 | -8.6 | -39.2 | -42.8 | 0.0 |
| 16:46:30 | 31 36.3 | -95 8.7 | 23.8 | 146.3 | 148.2 | 4930 | 0.0 | 31.5 | -11.2 | 74.5 | 80.9 | 50.0 | 26.4 | -37.1 | -40.7 | 41.5 |
| 16:46:29 | 31 36.3 | -95 8.7 | 393.8 | 408.8 | 10349* | 4933 | 20.6 | -18.0 | -5.7 | 76.2 | 80.3 | 0.0 | 214.0 | 4.2 | 55.8 | 204.9 |
| 16:47:00 | 31 38.7 | -95 8.1 | 22.4 | 145.9 | 147.6 | 668 | 8.4 | -1.7 | -3.0 | 585.9 | 76.9 | 12.4 | -7.6 | -16.9 | -18.9 | 0.2 |
| 16:47:00 | 31 39.1 | -95 8.0 | 22.2 | 145.9 | 147.6 | 4489 | 8.1 | -1.8 | -3.1 | 250.5 | 76.9 | 12.7 | -8.3 | -36.2 | -39.6 | 0.0 |
| 16:47:00 | 31 38.7 | -95 8.3 | 22.4 | 145.7 | 147.5 | 4598 | 0.0 | 32.9 | -11.2 | 75.7 | 82.0 | 50.0 | 26.2 | -30.0 | -33.0 | 40.3 |
| 16:46:59 | 31 38.7 | -95 8.3 | 394.3 | 409.4 | 10349* | 4597 | 26.7 | -16.3 | -5.0 | 77.2 | 81.3 | 0.0 | 215.3 | 4.2 | 57.9 | 206.2 |
| 16:47:30 | 31 41.1 | -95 7.7 | 24.0 | 143.0 | 145.0 | 668 | 8.5 | 3.7* | -1.5 | 602.0 | 74.1 | 12.2 | -7.2 | -16.9 | -18.9 | 0.2 |
| 16:47:30 | 31 41.4 | -95 7.5 | 23.8 | 143.1 | 145.0 | 4244 | 8.4 | 3.5* | -1.6 | 250.5 | 74.1 | 12.6 | -7.8 | -9.6 | -10.8 | 0.0 |
| 16:47:30 | 31 41.0 | -95 7.8 | 24.0 | 143.2 | 145.2 | 4370 | 0.0 | 32.9 | -10.6 | 73.9 | 79.9 | 50.0 | 26.9 | -13.2 | -14.8 | 39.1 |
| 16:47:29 | 31 41.0 | -95 7.8 | 394.9 | 410.0 | 10349* | 4373 | 23.4 | -13.1 | -3.8 | 74.4 | 78.9 | 0.0 | 211.4 | 3.4 | 58.1 | 202.9 |
| 16:48:00 | 31 43.3 | -95 7.2 | 23.6 | 139.1 | 141.1 | 668 | 8.5 | 3.5 | -1.7* | 602.6 | 70.1 | 11.7 | -6.8 | -16.9 | -18.9 | 0.3 |
| 16:48:00 | 31 43.7 | -95 7.1 | 23.4 | 139.1 | 141.1 | 4233 | 8.6 | 3.0 | -1.2 | 250.5 | 70.1 | 12.0 | -7.3 | -15.7 | -17.6 | 0.0 |
| 16:48:00 | 31 43.3 | -95 7.4 | 23.6 | 139.0 | 141.0 | 4362 | 0.0 | 33.5 | -9.0 | 70.1 | 76.0 | 50.0 | 28.0 | -13.0 | -14.6 | 38.0 |
| 16:47:59 | 31 43.3 | -95 7.4 | 395.4 | 410.6 | 10349* | 4367 | 27.6 | -13.0 | -3.8 | 70.3 | 74.7 | 0.0 | 205.7 | 3.1 | 57.0 | 197.9 |
| 16:48:30 | 31 45.6 | -95 6.8 | 24.6 | 139.4 | 141.6 | 668 | 9.4 | -0.7 | -2.2 | 613.1 | 71.9 | 12.9 | -6.1 | -16.9 | -18.9 | 0.2 |
| 16:48:30 | 31 45.9 | -95 6.6 | 24.4 | 139.5 | 141.6 | 4029 | 9.2 | -0.9 | -2.4 | 250.5 | 71.9 | 13.3 | -6.6 | -15.5 | -17.3 | 0.0 |
| 16:48:30 | 31 45.6 | -95 6.9 | 24.6 | 139.4 | 141.5 | 4229 | 0.0 | 35.4 | -8.4 | 70.9 | 77.2 | 50.0 | 27.5 | -12.6 | -14.1 | 35.9 |
| 16:48:29 | 31 45.6 | -95 6.9 | 396.5 | 411.8 | 10350* | 4232 | 25.0 | -16.3 | -5.0 | 72.1 | 76.2 | 0.0 | 208.3 | 4.6 | 58.4 | 200.5 |
| 16:49:00 | 31 47.8 | -95 6.3 | 35.8 | 132.4 | 137.2 | 668 | 16.4* | -0.0 | 23.1 | 633.5 | 68.6 | 12.6 | -5.6 | -16.9 | -18.9 | 0.2 |
| 16:49:00 | 31 48.2 | -95 6.2 | 35.7 | 132.5 | 137.2 | 3693 | 16.2* | -0.2 | 22.9 | 250.5 | 68.6 | 13.5 | -5.7 | -3.2 | -3.7 | 0.0 |
| 16:49:00 | 31 47.8 | -95 6.5 | 33.1 | 133.1 | 137.2 | 3948 | 0.0 | 46.8 | -2.4 | 68.6 | 74.6 | 50.0 | 28.4 | 1.8 | 1.8 | 34.7 |
| 16:48:59 | 31 47.8 | -95 6.4 | 397.2 | 412.4 | 10349* | 3951 | 17.0 | -11.8 | -3.1 | 68.8 | 74.3 | 0.0 | 203.6 | 10.5 | 58.8 | 196.4 |
| 16:49:30 | 31 49.8 | -95 5.3 | 56.1 | 125.1 | 137.1 | 668 | 24.5 | -2.4 | -1.6 | 660.9 | 71.6 | 15.4 | -3.6 | -16.9 | -18.9 | 0.2 |
| 16:49:30 | 31 50.2 | -95 5.2 | 55.9 | 125.1 | 137.0 | 3467 | 24.5 | -2.5 | -1.7 | 250.5 | 71.5 | 15.9 | -4.1 | 1.8 | 1.8 | 0.0 |
| 16:49:30 | 31 49.8 | -95 5.5 | 56.1 | 124.9 | 136.9 | 3620 | 0.0 | 36.8 | -7.9 | 71.2 | 77.2 | 50.0 | 27.6 | 3.7 | 3.7 | 29.8 |
| 16:49:29 | 31 49.8 | -95 5.5 | 400.1 | 415.5 | 10349* | 3621 | 16.6 | -13.4 | -3.9 | 71.8 | 76.1 | 0.0 | 207.8 | 22.8 | 62.7 | 201.0 |
| 16:50:00 | 31 51.9 | -95 4.2 | 59.0 | 126.9 | 140.0 | 6853* | 24.8 | -2.4 | -1.2 | 691.3 | 77.2 | 17.9 | -2.5 | -16.9 | -18.9 | 0.2 |
| 16:50:00 | 31 52.2 | -95 4.1 | 58.8 | 126.9 | 139.9 | 3128 | 24.8 | -2.5 | -1.4 | 250.5 | 77.2 | 18.2 | -3.3 | 6.3 | 6.3 | 0.0 |
| 16:50:00 | 31 51.8 | -95 4.4 | 59.2 | 126.8 | 139.9 | 3249 | 0.0 | 33.0 | -11.5 | 76.7 | 83.0 | 50.0 | 26.1 | 8.7 | 8.7 | 27.2 |
| 16:49:59 | 31 51.9 | -95 4.4 | 401.9 | 417.4 | 10349* | 3250 | 20.5 | -12.0 | -3.5 | 77.5 | 81.8 | 0.0 | 215.7 | 22.5 | 67.5 | 208.5 |
| 16:50:30 | 31 53.9 | -95 3.1 | 60.6 | 127.0 | 140.7 | 6887* | 25.8 | -2.4 | -1.7 | 721.5 | 81.2 | 20.9 | -0.6 | -16.9 | -18.9 | 0.2 |
| 16:50:30 | 31 54.3 | -95 2.9 | 60.3 | 127.1 | 140.7 | 2772 | 25.5 | -2.6 | -1.8 | 250.5 | 81.2 | 21.1 | -1.5 | 6.8 | 6.8 | 0.0 |
| 16:50:30 | 31 53.9 | -95 3.2 | 60.8 | 126.9 | 140.7 | 2890 | 0.0 | 32.1 | -13.3 | 80.7 | 87.2 | 50.0 | 25.1 | 9.5 | 9.5 | 23.6 |
| 16:50:29 | 31 53.9 | -95 3.2 | 404.7 | 420.3 | 10349* | 2895 | 26.7 | -12.2 | -3.5 | 81.5 | 86.0 | 0.0 | 221.0 | 24.7 | 72.3 | 214.0 |
| 16:51:00 | 31 56.0 | -95 1.9 | 60.0 | 127.0 | 140.4 | 6162* | 26.2 | -2.4 | -2.3 | 751.5 | 81.7 | 21.5 | -0.1 | -16.9 | -18.9 | 0.2 |
| 16:51:00 | 31 56.4 | -95 1.8 | 59.8 | 127.0 | 140.4 | 2415 | 25.9 | -2.6 | -2.4 | 250.6 | 81.7 | 21.8 | -1.0 | 8.6 | 8.6 | 0.0 |
| 16:51:00 | 31 56.0 | -95 2.1 | 60.3 | 126.9 | 140.5 | 2550 | 0.0 | 31.2 | -13.9 | 81.2 | 87.8 | 50.0 | 25.0 | 11.5 | 11.5 | 22.7 |
| 16:50:59 | 31 56.0 | -95 2.1 | 405.4 | 421.1 | 10348* | 2555 | 27.9 | -13.0 | -3.8 | 82.0 | 86.4 | 0.0 | 221.7 | 26.1 | 73.4 | 214.8 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 16:51:30 | 31 58.1 | -95 0.8 | 59.2 | 126.8 | 140.0 | 6970* | 26.0 | -2.4 | 1.8 | 782.6 | 83.1 | 23.7 | 1.7 | -16.9 | -18.9 | 0.2 |
| 16:51:30 | 31 58.4 | -95 0.7 | 58.9 | 126.9 | 139.9 | 2100 | 26.0* | -2.6 | 1.6 | 250.5 | 83.1 | 24.0 | 0.7 | 10.6 | 10.6 | 0.0 |
| 16:51:30 | 31 58.0 | -95 0.9 | 59.3 | 126.9 | 140.0 | 2207 | 0.0 | 30.7 | -14.7 | 82.9 | 89.6 | 50.0 | 24.6 | 13.9 | 13.9 | 20.0 |
| 16:51:29 | 31 58.0 | -95 0.9 | 408.0 | 423.8 | 10349* | 2212 | 28.9 | -10.2 | -2.8 | 83.5 | 88.0 | 0.0 | 223.5 | 26.3 | 76.3 | 217.2 |
| 16:52:00 | 32 0.1 | -94 59.6 | 67.6 | 119.9 | 137.6 | 6052* | 30.6 | -2.0 | -0.6* | 812.4 | 83.7 | 25.2 | 2.9 | -16.9 | -18.9 | 0.2 |
| 16:52:00 | 32 0.4 | -94 59.5 | 67.3 | 120.0 | 137.6 | 1797 | 30.6 | -2.1 | -0.8* | 250.5 | 83.7 | 25.4 | 1.9 | 13.4 | 13.4 | 0.0 |
| 16:52:00 | 32 0.0 | -94 59.7 | 67.9 | 120.0 | 137.8 | 1891 | 0.0 | 25.9 | -17.2 | 83.7 | 90.1 | 50.0 | 24.4 | 16.4 | 16.4 | 18.3 |
| 16:51:59 | 32 0.0 | -94 59.7 | 409.8 | 425.7 | 10349* | 1896 | 31.8 | -10.7 | -3.0 | 84.0 | 88.8 | 0.0 | 224.3 | 31.3 | 80.1 | 218.4 |
| 16:52:30 | 32 2.0 | -94 58.3 | 70.1 | 117.5 | 136.8 | 6575* | 31.1 | -2.7 | -1.8 | 844.5 | 81.8 | 26.3 | 4.3 | -16.9 | -18.9 | 0.2 |
| 16:52:30 | 32 2.3 | -94 58.2 | 69.8 | 117.6 | 136.8 | 1471 | 30.9 | -2.8 | -2.0 | 250.5 | 81.8 | 26.5 | 3.3 | 15.9 | 15.9 | 0.0 |
| 16:52:30 | 32 1.9 | -94 58.4 | 70.5 | 117.4 | 136.9 | 1562 | 0.0 | 32.5 | -13.8 | 81.6 | 88.5 | 50.0 | 24.9 | 19.7 | 19.7 | 16.5 |
| 16:52:29 | 32 2.0 | -94 58.4 | 411.9 | 427.9 | 10349* | 1566 | 31.7 | -13.4 | -3.8 | 82.2 | 86.9 | 0.0 | 221.9 | 29.9 | 78.7 | 216.7 |
| 16:53:00 | 32 3.9 | -94 56.9 | 68.3 | 117.7 | 136.1 | 6359* | 29.7 | -2.5 | -5.8 | 877.0 | 88.1 | 28.3 | 4.9 | -16.9 | -18.9 | 0.2 |
| 16:53:00 | 32 4.2 | -94 56.8 | 68.1 | 117.7 | 136.0 | 1125 | 29.4 | -2.6 | -6.0 | 250.5 | 88.1 | 28.5 | 3.7 | 18.3 | 18.3 | 0.0 |
| 16:53:00 | 32 3.8 | -94 57.0 | 69.2 | 117.4 | 136.3 | 1236 | 0.0 | 28.9 | -17.5 | 88.5 | 95.2 | 50.0 | 23.3 | 21.5 | 21.5 | 15.8 |
| 16:52:59 | 32 3.8 | -94 57.0 | 412.8 | 428.8 | 10349* | 1241 | 36.0 | -7.4 | -1.8 | 88.6 | 93.3 | 0.0 | 230.0 | 29.2 | 87.3 | 224.4 |
| 16:53:30 | 32 5.8 | -94 55.8 | 58.1 | 115.2 | 129.0 | 6773* | 27.5 | -0.5 | -1.9 | 903.5 | 81.3 | 29.1 | 7.0 | -16.9 | -18.9 | 0.3 |
| 16:53:30 | 32 6.2 | -94 55.7 | 57.9 | 115.2 | 128.9 | 850 | 27.5 | -0.7 | -2.0 | 250.5 | 81.3 | 29.4 | 6.0 | 20.1 | 20.1 | 0.0 |
| 16:53:30 | 32 5.8 | -94 55.9 | 58.6 | 115.3 | 129.3 | 982 | 0.0 | 33.3 | -13.3 | 81.2 | 88.2 | 50.0 | 25.0 | 22.4 | 22.4 | 13.6 |
| 16:53:29 | 32 5.8 | -94 55.9 | 416.0 | 432.1 | 10349* | 985 | 36.4 | -15.5 | -4.5 | 81.7 | 85.9 | 0.0 | 221.2 | 26.6 | 87.7 | 217.2 |
| 16:54:00 | 32 7.6 | -94 54.7 | 52.7 | 109.1 | 121.1 | 3087 | 27.0 | 1.1 | -1.0* | 926.4 | 70.6 | 30.1 | 10.3 | -16.9 | -18.9 | 0.3 |
| 16:54:00 | 32 8.0 | -94 54.6 | 52.4 | 109.1 | 121.1 | 638 | 27.0 | 1.0 | -1.2* | 250.5 | 70.6 | 30.3 | 9.6 | 20.4 | 20.4 | 0.0 |
| 16:54:00 | 32 7.6 | -94 54.8 | 53.2 | 109.1 | 121.4 | 763 | 0.0 | 35.5 | -8.7 | 71.3 | 77.4 | 50.0 | 27.9 | 21.9 | 21.9 | 10.8 |
| 16:53:59 | 32 7.6 | -94 54.8 | 420.8 | 437.2 | 10350* | 766 | 36.3 | -10.7 | -2.6 | 70.9 | 75.1 | 0.0 | 206.4 | 27.4 | 83.4 | 204.8 |
| 16:54:30 | 32 9.4 | -94 53.7 | 51.3 | 109.7 | 121.1 | 3115 | 26.2* | 2.2 | -1.0* | 937.6 | 74.9 | 31.2 | 10.3 | -16.9 | -18.8 | 0.3 |
| 16:54:30 | 32 9.8 | -94 53.6 | 51.0 | 109.8 | 121.1 | 514 | 25.9* | 2.0 | -1.1* | 250.5 | 74.9 | 31.5 | 9.6 | 21.2 | 21.2 | 0.0 |
| 16:54:30 | 32 9.3 | -94 53.8 | 51.5 | 109.7 | 121.2 | 659 | 0.0 | 31.5 | -12.0 | 75.1 | 82.1 | 50.0 | 26.7 | 22.7 | 22.7 | 10.7 |
| 16:54:29 | 32 9.3 | -94 53.8 | 420.9 | 437.3 | 10349* | 663 | 41.5 | -20.6 | -6.4 | 75.1 | 78.8 | 0.0 | 212.5 | 24.3 | 89.3 | 210.4 |
| 16:55:00 | 32 10.6 | -94 52.1 | 112.3 | 16.2 | 113.5 | 3081* | 86.5* | 3.0 | 23.1* | 935.8 | 70.7 | 31.2 | 11.3 | -16.9 | -18.9 | 0.3 |
| 16:55:00 | 32 10.9 | -94 52.0 | 112.1 | 16.4 | 113.3 | 522 | 86.3* | 2.9 | 22.9* | 250.5 | 70.7 | 31.5 | 10.6 | 21.0 | 21.0 | 0.0 |
| 16:55:00 | 32 10.6 | -94 52.2 | 112.8 | 18.6 | 114.3 | 662 | 0.0 | 40.4 | -7.0 | 72.5 | 78.4 | 50.0 | 27.8 | 22.5 | 22.5 | 10.0 |
| 16:54:59 | 32 10.6 | -94 52.2 | 422.3 | 438.8 | 10350* | 666 | 40.2 | -7.8 | -1.4 | 71.1 | 77.2* | 0.0 | 206.7 | 87.8 | 92.1 | 205.4 |
| 16:55:30 | 32 10.6 | -94 49.9 | 113.2 | -1.2 | 113.2 | 3061* | 94.6* | 3.4 | 0.5 | 937.6 | 67.3 | 30.5 | 11.4 | -16.9 | -18.9 | 0.2 |
| 16:55:30 | 32 11.0 | -94 49.8 | 113.0 | -1.1 | 113.0 | 508 | 94.7* | 3.2 | 0.3 | 250.5 | 67.3 | 30.8 | 10.8 | 21.2 | 21.2 | 0.0 |
| 16:55:30 | 32 10.6 | -94 50.0 | 113.8 | -1.2 | 113.8 | 660 | 0.0 | 30.6 | -9.9 | 68.5 | 74.1 | 50.0 | 28.7 | 22.6 | 22.6 | 10.0 |
| 16:55:29 | 32 10.6 | -94 50.0 | 422.5 | 439.0 | 10349* | 664 | 35.7 | -11.5 | -3.2 | 67.6 | 71.7 | 0.0 | 201.7 | 97.9 | 88.0 | 200.8 |
| 16:56:00 | 32 10.6 | -94 47.8 | 115.6 | -4.9 | 115.7 | 489 | 96.7 | 2.6 | -2.2 | 937.5 | 71.2 | 30.9 | 10.9 | -16.9 | -18.9 | 0.3 |
| 16:56:00 | 32 10.9 | -94 47.7 | 115.4 | -4.8 | 115.5 | 506 | 96.4 | 2.5 | -2.4 | 250.5 | 71.2 | 31.2 | 10.2 | 20.5 | 20.5 | 0.0 |
| 16:56:00 | 32 10.5 | -94 47.8 | 116.0 | -5.2 | 116.2 | 663 | 0.0 | 30.9 | -11.2 | 72.0 | 78.2 | 50.0 | 27.7 | 22.1 | 22.1 | 10.3 |
| 16:55:59 | 32 10.5 | -94 47.8 | 421.7 | 438.2 | 10350* | 666 | 41.8 | -14.5 | -4.2 | 71.5 | 75.6 | 0.0 | 207.3 | 100.1 | 90.5 | 205.8 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 16:56:30 | 32 10.5 | -94 45.6 | 116.1 | -5.5 | 116.3 | 499 | 96.1 | 3.4 | -0.8 | 937.6 | 72.3 | 31.1 | 10.8 | -16.9 | -18.9 | 0.3 |
| 16:56:30 | 32 10.9 | -94 45.5 | 115.9 | -5.4 | 116.0 | 515 | 95.8 | 3.3 | -0.9 | 250.5 | 72.2 | 31.3 | 10.1 | 20.6 | 20.6 | 0.0 |
| 16:56:30 | 32 10.5 | -94 45.6 | 116.8 | -5.6 | 116.9 | 660 | 0.0 | 37.8 | -8.2 | 73.1 | 79.8 | 50.0 | 27.4 | 22.7 | 22.7 | 10.4 |
| 16:56:29 | 32 10.5 | -94 45.6 | 421.6 | 438.1 | 10349* | 661 | 41.0 | -16.6 | -4.9 | 72.5 | 77.2 | 0.0 | 208.8 | 98.0 | 91.1 | 207.2 |
| 16:57:00 | 32 10.4 | -94 43.3 | 116.9 | -3.4 | 116.9 | 491 | 95.2 | 2.8 | -0.9* | 937.5 | 75.0 | 31.2 | 10.3 | -16.9 | -18.9 | 0.3 |
| 16:57:00 | 32 10.8 | -94 43.3 | 116.7 | -3.3 | 116.7 | 506 | 95.0 | 2.6 | -1.1* | 250.6 | 75.0 | 31.5 | 9.5 | 21.2 | 21.2 | 0.0 |
| 16:57:00 | 32 10.4 | -94 43.4 | 117.

A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 17:01:30 | 32 10.2 | -94 23.1 | 118.5 | -2.2 | 118.5 | 545 | 94.3 | 2.6 | -1.6* | 937.9 | 76.5 | 31.1 | 10.0 | -16.9 | -18.9 | 0.3 |
| 17:01:30 | 32 10.6 | -94 23.0 | 118.2 | -2.0 | 118.2 | 561 | 94.4 | 2.4 | -1.8* | 250.5 | 76.5 | 31.4 | 9.1 | 21.5 | 21.5 | 0.0 |
| 17:01:30 | 32 10.1 | -94 23.0 | 118.9 | -2.3 | 119.0 | 664 | 0.0 | 27.0 | -14.8 | 76.8 | 83.9 | 50.0 | 26.3 | 22.7 | 22.7 | 11.0 |
| 17:01:29 | 32 10.1 | -94 23.0 | 420.3 | 436.7 | 10349* | 667 | 41.6 | -20.7 | -6.7 | 76.7 | 80.7 | 0.0 | 214.8 | 95.4 | 94.0 | 212.4 |
| 17:02:00 | 32 10.2 | -94 20.8 | 117.9 | 0.2 | 117.9 | 556 | 93.4 | 3.0 | -2.4 | 938.2 | 77.3 | 31.2 | 9.8 | -16.9 | -18.9 | 0.3 |
| 17:02:00 | 32 10.6 | -94 20.8 | 117.6 | 0.4 | 117.6 | 571 | 93.2 | 2.8 | -2.5 | 250.5 | 77.3 | 31.4 | 8.9 | 21.4 | 21.4 | 0.0 |
| 17:02:00 | 32 10.1 | -94 20.8 | 118.4 | 0.0 | 118.4 | 661 | 0.0 | 30.2 | -13.6 | 77.8 | 84.7 | 50.0 | 26.1 | 23.0 | 23.0 | 11.2 |
| 17:01:59 | 32 10.1 | -94 20.7 | 420.1 | 436.5 | 10350* | 664 | 40.1 | -18.8 | -5.9 | 77.6 | 81.9 | 0.0 | 215.8 | 95.3 | 95.7 | 213.3 |
| 17:02:30 | 32 10.2 | -94 18.6 | 118.3 | 1.8 | 118.3 | 574 | 92.6 | 2.8 | -2.1* | 938.2 | 72.8 | 31.0 | 10.7 | -16.9 | -18.9 | 0.3 |
| 17:02:30 | 32 10.6 | -94 18.5 | 118.1 | 2.0 | 118.1 | 588 | 92.3 | 2.7 | -2.2* | 250.5 | 72.8 | 31.3 | 9.9 | 20.7 | 20.7 | 0.0 |
| 17:02:30 | 32 10.1 | -94 18.5 | 118.5 | 1.5 | 118.5 | 666 | 0.0 | 29.6 | -12.2 | 73.4 | 79.9 | 50.0 | 27.3 | 22.2 | 22.2 | 10.5 |
| 17:02:29 | 32 10.1 | -94 18.5 | 421.4 | 437.8 | 10350* | 666 | 39.2 | -16.9 | -5.1 | 73.0 | 77.0 | 0.0 | 209.5 | 94.7 | 89.7 | 207.8 |
| 17:03:00 | 32 10.2 | -94 16.3 | 117.9 | 0.9 | 117.9 | 578 | 92.2 | 2.9 | -1.5 | 937.9 | 75.1 | 31.1 | 10.2 | -16.9 | -18.9 | 0.3 |
| 17:03:00 | 32 10.6 | -94 16.3 | 117.6 | 1.1 | 117.6 | 593 | 92.0 | 2.8 | -1.6 | 250.5 | 75.1 | 31.4 | 9.4 | 21.0 | 21.0 | 0.0 |
| 17:03:00 | 32 10.2 | -94 16.2 | 118.4 | 0.9 | 118.4 | 669 | 0.0 | 28.8 | -13.4 | 75.6 | 82.4 | 50.0 | 26.7 | 22.5 | 22.5 | 10.8 |
| 17:02:59 | 32 10.2 | -94 16.2 | 420.7 | 437.1 | 10350* | 669 | 37.8 | -18.2 | -5.5 | 75.3 | 79.6 | 0.0 | 212.7 | 92.9 | 92.8 | 210.6 |
| 17:03:30 | 32 10.3 | -94 14.1 | 113.0 | 42.5 | 120.7 | 592 | 71.3* | 3.4 | -25.3 | 938.5 | 74.0 | 30.9 | 10.2 | -16.9 | -18.9 | 0.3 |
| 17:03:30 | 32 10.7 | -94 14.1 | 112.6 | 42.7 | 120.5 | 605 | 71.4* | 3.2 | -25.5 | 250.6 | 74.0 | 31.1 | 9.4 | 20.8 | 20.8 | 0.0 |
| 17:03:30 | 32 10.3 | -94 14.0 | 114.3 | 39.9 | 121.1 | 685 | 0.0 | 39.3 | -8.5 | 74.5 | 81.7 | 50.0 | 26.9 | 22.4 | 22.4 | 10.8 |
| 17:03:29 | 32 10.3 | -94 14.0 | 420.7 | 437.1 | 10348* | 664 | 43.7 | -19.3 | -6.2 | 74.2 | 77.6 | 0.0 | 211.3 | 75.1 | 88.8 | 209.3 |
| 17:04:00 | 32 11.8 | -94 12.7 | 19.9 | 118.4 | 120.1 | 594 | 8.1* | 3.2 | -21.9* | 938.1 | 70.0 | 30.6 | 10.9 | -16.9 | -18.9 | 0.2 |
| 17:04:00 | 32 12.2 | -94 12.7 | 19.6 | 118.6 | 120.2 | 607 | 8.1* | 3.1 | -22.0* | 250.6 | 70.0 | 30.9 | 10.3 | 20.4 | 20.4 | 0.0 |
| 17:04:00 | 32 11.7 | -94 12.5 | 22.6 | 118.0 | 120.1 | 675 | 0.0 | 37.5 | -7.7 | 70.9 | 77.4 | 50.0 | 28.0 | 22.1 | 22.1 | 10.3 |
| 17:03:59 | 32 11.7 | -94 12.5 | 421.8 | 438.2 | 10348* | 671 | 34.2 | -16.2 | -5.1 | 70.3 | 74.0 | 0.0 | 205.7 | 7.2 | 84.3 | 204.3 |
| 17:04:30 | 32 13.7 | -94 12.5 | 8.6 | 121.0 | 121.3 | 560 | 4.2 | 3.3 | -1.8 | 938.3 | 71.5 | 30.8 | 10.8 | -16.9 | -18.9 | 0.3 |
| 17:04:30 | 32 14.2 | -94 12.5 | 8.3 | 121.2 | 121.4 | 576 | 4.0 | 3.1 | -1.9 | 250.5 | 71.5 | 31.1 | 10.1 | 20.5 | 20.5 | 0.0 |
| 17:04:30 | 32 13.6 | -94 12.3 | 9.0 | 121.0 | 121.3 | 667 | 0.0 | 34.6 | -9.6 | 72.3 | 78.7 | 50.0 | 27.6 | 21.9 | 21.9 | 10.4 |
| 17:04:29 | 32 13.6 | -94 12.3 | 421.6 | 438.0 | 10350* | 664 | 34.1 | -15.3 | -4.4 | 71.8 | 76.2 | 0.0 | 207.7 | 2.2 | 84.9 | 206.1 |
| 17:05:00 | 32 15.7 | -94 12.4 | 3.1 | 120.7 | 120.8 | 563 | 1.0 | 2.4 | -2.9* | 937.8 | 74.6 | 30.7 | 10.0 | -16.9 | -18.9 | 0.3 |
| 17:05:00 | 32 16.1 | -94 12.4 | 2.8 | 120.9 | 121.0 | 580 | 0.7 | 2.3 | -3.0* | 250.5 | 74.6 | 31.0 | 9.2 | 21.8 | 21.8 | 0.0 |
| 17:05:00 | 32 15.6 | -94 12.2 | 3.7 | 120.6 | 120.7 | 670 | 0.0 | 26.6 | -14.3 | 75.1 | 81.7 | 50.0 | 26.8 | 23.2 | 23.2 | 11.0 |
| 17:04:59 | 32 15.6 | -94 12.2 | 420.4 | 436.8 | 10350* | 672 | 35.7 | -17.0 | -5.2 | 74.8 | 78.7 | 0.0 | 212.1 | 357.9 | 89.2 | 209.9 |
| 17:05:30 | 32 17.7 | -94 12.3 | 2.4 | 123.5 | 123.5 | 543 | 0.7 | 2.3 | -1.3 | 938.2 | 81.0 | 31.0 | 8.9 | -16.9 | -18.9 | 0.2 |
| 17:05:30 | 32 18.1 | -94 12.3 | 2.1 | 123.7 | 123.7 | 558 | 0.5 | 2.1 | -1.4 | 250.5 | 81.0 | 31.3 | 7.9 | 22.0 | 22.0 | 0.0 |
| 17:05:30 | 32 17.6 | -94 12.2 | 2.7 | 123.4 | 123.5 | 659 | 0.0 | 29.0 | -15.4 | 81.4 | 88.6 | 50.0 | 25.1 | 23.0 | 23.0 | 11.9 |
| 17:05:29 | 32 17.6 | -94 12.2 | 418.7 | 435.0 | 10349* | 665 | 30.8 | -18.6 | -5.6 | 81.2 | 85.8 | 0.0 | 220.8 | 357.7 | 94.1 | 217.5 |
| 17:06:00 | 32 19.7 | -94 12.3 | 1.5 | 121.8 | 121.8 | 555 | 0.7 | 2.7 | -1.4 | 937.9 | 73.3 | 30.5 | 10.0 | -16.9 | -18.9 | 0.2 |
| 17:06:00 | 32 20.1 | -94 12.3 | 1.2 | 122.0 | 122.0 | 571 | 0.8 | 2.6 | -1.5 | 250.5 | 73.3 | 30.7 | 9.3 | 21.8 | 21.8 | 0.0 |
| 17:06:00 | 32 19.6 | -94 12.1 | 1.8 | 121.7 | 121.7 | 666 | 0.0 | 30.1 | -12.2 | 73.8 | 80.6 | 50.0 | 27.1 | 22.9 | 22.9 | 11.0 |
| 17:05:59 | 32 19.6 | -94 12.1 | 420.4 | 436.8 | 10349* | 670 | 30.1 | -18.5 | -5.5 | 73.5 | 77.8 | 0.0 | 210.3 | 357.8 | 86.5 | 208.3 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 17:06:30 | 32 21.6 | -94 12.3 | 1.3 | 122.5 | 122.5 | 567 | 0.7 | 1.6 | -1.4 | 937.1 | 78.6 | 30.6 | 9.0 | -16.9 | -18.9 | 0.3 |
| 17:06:30 | 32 22.1 | -94 12.3 | 1.0 | 122.7 | 122.7 | 580 | 0.4 | 1.5 | -1.6 | 250.5 | 78.6 | 30.8 | 8.0 | 22.2 | 22.2 | 0.0 |
| 17:06:30 | 32 21.5 | -94 12.1 | 1.8 | 122.4 | 122.4 | 675 | 0.0 | 25.0 | -16.4 | 80.0 | 86.0 | 50.0 | 25.7 | 23.3 | 23.3 | 11.8 |
| 17:06:29 | 32 21.6 | -94 12.1 | 418.8 | 435.1 | 10349* | 675 | 31.1 | -5.8 | -1.2 | 79.0 | 83.3 | 0.0 | 217.6 | 0.6 | 92.1 | 214.6 |
| 17:07:00 | 32 23.5 | -94 12.8 | -78.7 | 89.4 | 119.1 | 546 | 316.0* | 3.1 | -24.9* | 939.0 | 74.8 | 30.6 | 9.8 | -16.9 | -18.9 | 0.2 |
| 17:07:00 | 32 23.9 | -94 12.8 | -78.9 | 89.6 | 119.4 | 560 | 315.7* | 2.9 | -25.0* | 250.5 | 74.8 | 30.9 | 9.0 | 21.3 | 21.3 | 0.0 |
| 17:07:00 | 32 23.4 | -94 12.6 | -77.1 | 91.1 | 119.3 | 665 | 0.0 | 28.8 | -13.5 | 75.1 | 82.2 | 50.0 | 26.7 | 22.9 | 22.9 | 11.1 |
| 17:06:59 | 32 23.4 | -94 12.6 | 420.1 | 436.5 | 10349* | 666 | 34.1 | -22.0 | -7.4 | 75.0 | 78.8 | 0.0 | 212.4 | 312.4 | 91.4 | 210.2 |
| 17:07:30 | 32 24.1 | -94 14.8 | -112.5 | -11.5 | 113.1 | 556 | 262.9* | 2.9 | -2.9* | 938.1 | 72.4 | 30.4 | 10.2 | -16.9 | -18.9 | 0.3 |
| 17:07:30 | 32 24.5 | -94 14.8 | -112.7 | -11.4 | 113.3 | 573 | 262.6* | 2.7 | -3.0* | 250.6 | 72.4 | 30.7 | 9.5 | 21.8 | 21.8 | 0.0 |
| 17:07:30 | 32 24.0 | -94 14.6 | -112.4 | -11.3 | 112.9 | 663 | 0.0 | 33.5 | -10.5 | 74.0 | 79.8 | 50.0 | 27.4 | 23.1 | 23.1 | 10.8 |
| 17:07:29 | 32 24.0 | -94 14.6 | 420.7 | 437.1 | 10348* | 665 | 39.1 | -5.0 | -0.8 | 72.8 | 77.4 | 0.0 | 209.1 | 261.5 | 94.2 | 207.2 |
| 17:08:00 | 32 23.9 | -94 17.0 | -112.9 | -8.1 | 113.2 | 552 | 264.6* | 2.6 | 4.5* | 937.5 | 72.9 | 30.4 | 10.1 | -16.9 | -18.9 | 0.3 |
| 17:08:00 | 32 24.3 | -94 17.0 | -113.2 | -8.0 | 113.4 | 567 | 264.4* | 2.4 | 4.4* | 250.5 | 72.9 | 30.7 | 9.3 | 21.3 | 21.3 | 0.0 |
| 17:08:00 | 32 23.8 | -94 16.7 | -112.7 | -8.7 | 113.1 | 666 | 0.0 | 32.7 | -11.1 | 74.4 | 80.4 | 50.0 | 27.2 | 23.1 | 23.1 | 10.9 |
| 17:07:59 | 32 23.8 | -94 16.7 | 420.5 | 436.9 | 10349* | 668 | 33.7 | -7.1 | -1.6 | 73.3 | 78.2 | 0.0 | 209.7 | 261.8 | 94.7 | 207.8 |
| 17:08:30 | 32 23.9 | -94 19.1 | -114.6 | -0.6 | 114.6 | 574 | 267.3 | 2.7 | -1.3 | 938.3 | 73.9 | 30.9 | 10.3 | -16.9 | -18.9 | 0.3 |
| 17:08:30 | 32 24.3 | -94 19.2 | -114.8 | -0.4 | 114.8 | 589 | 267.4 | 2.6 | -1.4 | 250.5 | 73.9 | 31.1 | 9.5 | 20.7 | 20.7 | 0.0 |
| 17:08:30 | 32 23.8 | -94 18.9 | -114.4 | -0.7 | 114.4 | 665 | 0.0 | 29.3 | -12.9 | 74.2 | 81.2 | 50.0 | 27.0 | 22.5 | 22.5 | 10.8 |
| 17:08:29 | 32 23.8 | -94 18.9 | 420.8 | 437.2 | 10349* | 666 | 34.0 | -21.0 | -6.6 | 74.1 | 78.1 | 0.0 | 211.1 | 261.3 | 95.2 | 209.2 |
| 17:09:00 | 32 23.9 | -94 21.3 | -114.1 | -0.1 | 114.1 | 569 | 267.9 | 2.7 | -2.9 | 938.1 | 70.1 | 30.6 | 10.9 | -16.9 | -18.9 | 0.3 |
| 17:09:00 | 32 24.3 | -94 21.4 | -114.3 | 0.1 | 114.3 | 586 | 267.7 | 2.6 | -3.0 | 250.5 | 70.1 | 31.0 | 10.3 | 21.6 | 21.6 | 0.0 |
| 17:09:00 | 32 23.8 | -94 21.1 | -113.9 | -0.2 | 113.9 | 660 | 0.0 | 25.8 | -13.0 | 70.5 | 77.0 | 50.0 | 28.0 | 22.5 | 22.5 | 10.3 |
| 17:08:59 | 32 23.8 | -94 21.1 | 421.7 | 438.2 | 10349* | 669 | 40.6 | -19.8 | -6.4 | 70.2 | 74.6 | 0.0 | 205.8 | 262.3 | 90.8 | 204.4 |
| 17:09:30 | 32 23.8 | -94 23.5 | -115.9 | -2.9 | 116.0 | 560 | 266.7 | 2.9 | -1.7 | 938.2 | 74.5 | 30.6 | 9.8 | -16.9 | -18.9 | 0.3 |
| 17:09:30 | 32 24.3 | -94 23.6 | -116.1 | -2.7 | 116.2 | 579 | 266.4 | 2.8 | -1.8 | 250.5 | 74.5 | 30.8 | 9.0 | 22.2 | 22.2 | 0.0 |
| 17:09:30 | 32 23.8 | -94 23.3 | -115.9 | -2.7 | 115.9 | 657 | 0.0 | 29.7 | -12.5 | 75.3 | 81.8 | 50.0 | 26.8 | 23.2 | 23.2 | 11.1 |
| 17:09:29 | 32 23.8 | -94 23.3 | 420.1 | 436.5 | 10349* | 664 | 33.7 | -15.5 | -4.2 | 74.8 | 78.9 | 0.0 | 212.0 | 262.3 | 94.1 | 209.8 |
| 17:10:00 | 32 23.8 | -94 25.7 | -115.5 | 0.5 | 115.5 | 557 | 268.5 | 2.9 | -1.6 | 938.1 | 76.6 | 31.3 | 10.1 | -16.9 | -18.9 | 0.3 |
| 17:10:00 | 32 24.2 | -94 25.8 | -115.7 | 0.7 | 115.7 | 574 | 268.3 | 2.7 | -1.7 | 250.6 | 76.6 | 31.6 | 9.2 | 20.5 | 20.5 | 0.0 |
| 17:10:00 | 32 23.7 | -94 25.5 | -115.5 | 0.5 | 115.5 | 656 | 0.0 | 29.5 | -13.6 | 77.3 | 83.9 | 50.0 | 26.3 | 22.5 | 22.5 | 10.9 |
| 17:09:59 | 32 23.7 | -94 25.5 | 420.5 | 437.0 | 10348* | 664 | 39.8 | -15.7 | -5.1 | 76.9 | 81.3 | 0.0 | 214.9 | 264.3 | 97.3 | 212.5 |
| 17:10:30 | 32 23.8 | -94 27.9 | -115.7 | 1.5 | 115.7 | 569 | 268.5 | 3.0 | -0.8* | 938.2 | 75.6 | 31.3 | 10.3 | -16.9 | -18.9 | 0.3 |
| 17:10:30 | 32 24.3 | -94 28.0 | -115.8 | 1.7 | 115.9 | 584 | 268.6 | 2.8 | -1.0 | 250.5 | 75.6 | 31.5 | 9.4 | 20.9 | 20.9 | 0.0 |
| 17:10:30 | 32 23.7 | -94 27.7 | -115.7 | 1.3 | 115.7 | 655 | 0.0 | 30.6 | -12.7 | 76.1 | 83.0 | 50.0 | 26.5 | 22.5 | 22.5 | 10.8 |
| 17:10:29 | 32 23.7 | -94 27.7 | 420.8 | 437.2 | 10349* | 664 | 31.7 | -19.5 | -6.2 | 75.9 | 80.1 | 0.0 | 213.5 | 262.9 | 96.1 | 211.3 |
| 17:11:00 | 32 23.9 | -94 30.1 | -114.6 | 2.6 | 114.6 | 579 | 269.0 | 2.1 | -1.9* | 938.1 | 71.7 | 31.9 | 11.7 | -16.9 | -18.9 | 0.3 |
| 17:11:00 | 32 24.3 | -94 30.2 | -114.7 | 2.7 | 114.8 | 595 | 268.8 | 2.0 | -2.1* | 250.5 | 71.8 | 32.1 | 10.9 | 20.6 | 20.6 | 0.0 |
| 17:11:00 | 32 23.8 | -94 29.9 | -114.5 | 2.6 | 114.5 | 656 | 0.0 | 23.7 | -15.0 | 72.8 | 78.9 | 50.0 | 27.5 | 22.5 | 22.5 | 9.8 |
| 17:10:59 | 32 23.8 | -94 29.9 | 422.9 | 439.4 | 10349* | 666 | 31.8 | -12.5 | -3.6 | 72.0 | 76.6 | 0.0 | 208.1 | 264.6 | 92.5 | 206.8 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 17:11:30 | 32 23.9 | -94 32.4 | -115.6 | 0.3 | 115.6 | 569 | 268.1 | 2.9 | -3.1* | 938.5 | 77.9 | 31.9 | 10.3 | -16.9 | -18.9 | 0.3 |
| 17:11:30 | 32 24.3 | -94 32.4 | -115.7 | 0.4 | 115.7 | 583 | 267.8 | 2.8 | -3.2* | 250.5 | 77.9 | 32.1 | 9.4 | 20.5 | 20.5 | 0.0 |
| 17:11:30 | 32 23.8 | -94 32.1 | -115.6 | 0.3 | 115.6 | 664 | 0.0 | 31.2 | -13.0 | 78.2 | 85.4 | 50.0 | 25.9 | 22.6 | 22.6 | 10.7 |
| 17:11:29 | 32 23.8 | -94 32.1 | 420.9 | 437.3 | 10349* | 660 | 37.6 | -20.1 | -6.5 | 78.1 | 81.5 | 0.0 | 216.6 | 263.2 | 99.1 | 214.3 |
| 17:12:00 | 32 23.9 | -94 34.6 | -115.7 | -1.9 | 115.7 | 573 | 265.9 | 2.6 | -0.9 | 937.9 | 76.4 | 31.9 | 10.6 | -16.9 | -18.8 | 0.3 |
| 17:12:00 | 32 24.3 | -94 34.6 | -115.8 | -1.7 | 115.8 | 588 | 265.7 | 2.4 | -1.0 | 250.6 | 76.4 | 32.1 | 9.8 | 20.3 | 20.3 | 0.0 |
| 17:12:00 | 32 23.8 | -94 34.3 | -115.7 | -2.0 | 115.7 | 664 | 0.0 | 28.1 | -13.7 | 77.1 | 83.7 | 50.0 | 26.3 | 22.0 | 22.0 | 10.5 |
| 17:11:59 | 32 23.8 | -94 34.3 | 421.3 | 437.8 | 10348* | 665 | 35.0 | -15.8 | -4.5 | 76.7 | 81.0 | 0.0 | 214.6 | 260.1 | 97.4 | 212.4 |
| 17:12:30 | 32 23.8 | -94 36.8 | -114.4 | -3.5 | 114.5 | 557 | 266.3 | 3.1 | -1.9 | 938.5 | 74.2 | 31.5 | 10.8 | -16.9 | -18.9 | 0.3 |
| 17:12:30 | 32 24.3 | -94 36.8 | -114.5 | -3.3 | 114.6 | 574 | 266.4 | 2.9 | -2.1 | 250.5 | 74.2 | 31.7 | 10.0 | 20.7 | 20.7 | 0.0 |
| 17:12:30 | 32 23.8 | -94 36.5 | -114.5 | -3.5 | 114.6 | 658 | 0.0 | 31.5 | -11.5 | 75.0 | 81.5 | 50.0 | 26.9 | 22.5 | 22.5 | 10.4 |
| 17:12:29 | 32 23.8 | -94 36.5 | 421.5 | 438.0 | 10349* | 660 | 35.1 | -15.9 | -4.6 | 74.5 | 78.7 | 0.0 | 211.6 | 261.9 | 95.6 | 209.7 |
| 17:13:00 | 32 23.8 | -94 38.9 | -114.4 | -3.4 | 114.5 | 545 | 266.2 | 2.9 | -1.6* | 938.1 | 75.2 | 31.8 | 10.8 | -16.9 | -18.9 | 0.3 |
| 17:13:00 | 32 24.2 | -94 39.0 | -114.5 | -3.2 | 114.5 | 560 | 266.0 | 2.7 | -1.8* | 250.5 | 75.2 | 32.0 | 10.0 | 20.1 | 20.1 | 0.0 |
| 17:13:00 | 32 23.7 | -94 38.7 | -114.5 | -3.3 | 114.6 | 664 | 0.0 | 31.5 | -11.8 | 76.0 | 82.4 | 50.0 | 26.6 | 22.0 | 22.0 | 10.4 |
| 17:12:59 | 32 23.7 | -94 38.7 | 421.6 | 438.1 | 10349* | 664 | 41.0 | -14.9 | -4.4 | 75.5 | 79.6 | 0.0 | 212.9 | 261.8 | 96.9 | 211.0 |
| 17:13:30 | 32 23.7 | -94 41.1 | -113.5 | -2.8 | 113.6 | 543 | 265.7 | 3.1 | -1.0 | 938.1 | 73.7 | 31.7 | 11.1 | -16.9 | -18.9 | 0.3 |
| 17:13:30 | 32 24.2 | -94 41.2 | -113.6 | -2.6 | 113.6 | 558 | 265.4 | 3.0 | -1.2 | 250.5 | 73.7 | 32.0 | 10.3 | 20.1 | 20.1 | 0.0 |
| 17:13:30 | 32 23.6 | -94 40.9 | -113.6 | -2.9 | 113.6 | 657 | 0.0 | 34.0 | -10.2 | 74.4 | 81.1 | 50.0 | 27.0 | 21.8 | 21.8 | 10.2 |
| 17:13:29 | 32 23.6 | -94 40.9 | 422.1 | 438.5 | 10350* | 661 | 33.9 | -17.3 | -5.1 | 74.0 | 78.4 | 0.0 | 210.8 | 259.7 | 96.2 | 209.2 |
| 17:14:00 | 32 23.7 | -94 43.3 | -114.3 | -3.2 | 114.4 | 533 | 266.3 | 2.4 | -1.9 | 938.3 | 76.4 | 31.7 | 10.5 | -16.9 | -18.9 | 0.2 |
| 17:14:00 | 32 24.1 | -94 43.4 | -114.4 | -3.0 | 114.4 | 549 | 266.1 | 2.3 | -2.0 | 250.5 | 76.4 | 31.9 | 9.6 | 20.2 | 20.2 | 0.0 |
| 17:14:00 | 32 23.6 | -94 43.1 | -114.4 | -3.1 | 114.5 | 658 | 0.0 | 28.1 | -13.7 | 77.2 | 83.6 | 50.0 | 26.3 | 22.3 | 22.3 | 10.6 |
| 17:13:59 | 32 23.6 | -94 43.1 | 421.1 | 437.5 | 10349* | 660 | 39.8 | -14.3 | -4.1 | 76.7 | 81.3 | 0.0 | 214.5 | 262.1 | 98.3 | 212.4 |
| 17:14:30 | 32 23.6 | -94 45.5 | -115.0 | 2.9 | 115.0 | 538 | 268.6* | 2.9 | -0.3 | 937.9 | 74.7 | 32.1 | 11.3 | -16.9 | -18.9 | 0.3 |
| 17:14:30 | 32 24.1 | -94 45.5 | -115.0 | 3.1 | 115.0 | 554 | 268.7* | 2.7 | -0.5 | 250.5 | 74.7 | 32.4 | 10.4 | 19.4 | 19.4 | 0.0 |
| 17:14:30 | 32 23.6 | -94 45.2 | -115.2 | 3.0 | 115.2 | 661 | 0.0 | 33.1 | -10.9 | 76.0 | 82.1 | 50.0 | 26.8 | 21.7 | 21.7 | 10.1 |
| 17:14:29 | 32 23.6 | -94 45.3 | 422.3 | 438.8 | 10349* | 661 | 36.8 | -8.6 | -2.0 | 75.1 | 79.6 | 0.0 | 212.3 | 264.4 | 95.9 | 210.5 |
| 17:15:00 | 32 23.7 | -94 47.7 | -114.9 | 0.4 | 114.9 | 537 | 267.7 | 3.3 | -1.6 | 938.1 | 74.3 | 31.7 | 11.0 | -16.9 | -18.9 | 0.3 |
| 17:15:00 | 32 24.2 | -94 47.7 | -114.9 | 0.7 | 114.9 | 551 | 267.4 | 3.2 | -1.7 | 250.5 | 74.3 | 32.0 | 10.2 | 20.4 | 20.4 | 0.0 |
| 17:15:00 | 32 23.6 | -94 47.4 | -115.1 | 0.4 | 115.1 | 665 | 0.0 | 34.3 | -10.3 | 74.8 | 81.7 | 50.0 | 26.9 | 22.3 | 22.3 | 10.3 |
| 17:14:59 | 32 23.6 | -94 47.5 | 421.8 | 438.3 | 10349* | 661 | 42.2 | -19.5 | -6.0 | 74.5 | 78.7 | 0.0 | 211.6 | 261.7 | 95.5 | 209.9 |
| 17:15:30 | 32 23.7 | -94 49.9 | -113.0 | 1.3 | 113.0 | 547 | 268.7 | 2.5 | -1.3 | 937.5 | 68.1 | 31.4 | 12.1 | -16.9 | -18.9 | 0.3 |
| 17:15:30 | 32 24.2 | -94 49.9 | -112.9 | 1.5 | 112.9 | 564 | 268.5 | 2.4 | -1.5 | 250.5 | 68.1 | 31.7 | 11.5 | 20.9 | 20.9 | 0.0 |
| 17:15:30 | 32 23.6 | -94 49.6 | -113.1 | 1.1 | 113.1 | 673 | 0.0 | 30.4 | -9.9 | 68.7 | 74.9 | 50.0 | 28.5 | 22.7 | 22.7 | 9.5 |
| 17:15:29 | 32 23.6 | -94 49.6 | 423.5 | 440.0 | 10349* | 668 | 35.2 | -18.0 | -5.7 | 68.2 | 72.8 | 0.0 | 202.9 | 263.3 | 89.5 | 202.1 |
| 17:16:00 | 32 23.7 | -94 52.0 | -114.8 | 0.7 | 114.9 | 533 | 267.8 | 2.6 | -1.8* | 938.5 | 71.0 | 31.5 | 11.5 | -16.9 | -18.9 | 0.2 |
| 17:16:00 | 32 24.2 | -94 52.1 | -114.8 | 0.9 | 114.8 | 551 | 267.6 | 2.4 | -1.9* | 250.5 | 71.0 | 31.7 | 10.8 | 20.8 | 20.8 | 0.0 |
| 17:16:00 | 32 23.6 | -94 51.8 | -114.9 | 0.7 | 114.9 | 663 | 0.0 | 27.3 | -12.4 | 71.9 | 78.2 | 50.0 | 27.7 | 22.7 | 22.7 | 9.9 |
| 17:15:59 | 32 23.6 | -94 51.8 | 422.6 | 439.1 | 10349* | 658 | 41.3 | -16.2 | -4.8 | 71.3 | 75.6 | 0.0 | 207.1 | 262.2 | 91.5 | 205.8 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 17:16:30 | 32 23.7 | -94 54.2 | -113.7 | 27.0 | 116.8 | 551 | 283.1* | 3.0 | 25.2 | 937.3 | 76.2 | 31.8 | 10.6 | -16.9 | -18.9 | 0.3 |
| 17:16:30 | 32 24.2 | -94 54.3 | -113.6 | 27.2 | 116.9 | 567 | 283.3* | 2.8 | 25.1 | 250.5 | 76.2 | 32.1 | 9.8 | 20.9 | 20.9 | 0.0 |
| 17:16:30 | 32 23.7 | -94 54.0 | -114.6 | 24.0 | 117.1 | 662 | 0.0 | 41.7 | -7.7 | 76.4 | 84.1 | 50.0 | 26.4 | 23.0 | 23.0 | 10.5 |
| 17:16:29 | 32 23.7 | -94 54.0 | 421.3 | 437.8 | 10349* | 657 | 36.4 | -23.5 | -7.1 | 76.4 | 81.7 | 0.0 | 214.3 | 275.6 | 95.9 | 212.2 |
| 17:17:00 | 32 25.1 | -94 55.7 | -21.0 | 117.9 | 119.7 | 518 | 351.8* | 2.7 | 23.4* | 937.1 | 73.1 | 31.7 | 11.2 | -16.9 | -18.9 | 0.3 |
| 17:17:00 | 32 25.6 | -94 55.8 | -21.0 | 118.2 | 120.0 | 532 | 351.6* | 2.6 | 23.2* | 250.6 | 73.1 | 32.0 | 10.4 | 21.0 | 21.0 | 0.0 |
| 17:17:00 | 32 25.0 | -94 55.5 | -23.6 | 117.5 | 119.9 | 662 | 0.0 | 39.7 | -7.7 | 74.4 | 80.8 | 50.0 | 27.2 | 22.8 | 22.8 | 10.1 |
| 17:16:59 | 32

A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 17:21:30 | 32 29.2 | -94 40.4 | 117.7 | -2.6 | 117.8 | 530 | 94.2 | 3.2 | -0.8 | 938.5 | 75.7 | 31.9 | 10.8 | -16.9 | -18.9 | 0.2 |
| 17:21:30 | 32 29.7 | -94 40.4 | 117.9 | -2.1 | 117.9 | 548 | 94.3 | 3.1 | -1.0 | 250.6 | 75.7 | 32.2 | 10.0 | 20.5 | 20.5 | 0.0 |
| 17:21:30 | 32 29.1 | -94 40.3 | 117.6 | -2.4 | 117.6 | 657 | 0.0 | 26.8 | -14.2 | 76.3 | 83.0 | 50.0 | 26.5 | 22.4 | 22.4 | 10.4 |
| 17:21:29 | 32 29.1 | -94 40.3 | 421.6 | 438.1 | 10348* | 658 | 41.1 | -17.3 | -5.2 | 76.0 | 80.3 | 0.0 | 213.6 | 95.3 | 94.1 | 211.7 |
| 17:22:00 | 32 29.1 | -94 38.2 | 117.8 | -0.9 | 117.8 | 530 | 93.8 | 3.0 | -1.5 | 938.6 | 72.3 | 32.0 | 11.7 | -16.9 | -18.9 | 0.2 |
| 17:22:00 | 32 29.7 | -94 38.2 | 118.1 | -0.4 | 118.1 | 545 | 93.6 | 2.8 | -1.6 | 250.6 | 72.3 | 32.3 | 11.0 | 20.1 | 20.1 | 0.0 |
| 17:22:00 | 32 29.1 | -94 38.0 | 117.7 | -0.8 | 117.7 | 658 | 0.0 | 27.6 | -12.8 | 72.8 | 79.4 | 50.0 | 27.4 | 22.0 | 22.0 | 9.7 |
| 17:21:59 | 32 29.1 | -94 38.0 | 423.0 | 439.5 | 10348* | 659 | 38.0 | -18.0 | -5.5 | 72.5 | 76.8 | 0.0 | 208.8 | 95.5 | 89.9 | 207.5 |
| 17:22:30 | 32 29.1 | -94 35.9 | 117.4 | 0.2 | 117.4 | 546 | 94.0 | 3.0 | -1.5 | 938.0 | 73.5 | 31.7 | 11.1 | -16.9 | -18.9 | 0.3 |
| 17:22:30 | 32 29.7 | -94 35.9 | 117.7 | 0.6 | 117.7 | 561 | 93.7 | 2.9 | -1.6 | 250.6 | 73.5 | 32.0 | 10.4 | 20.3 | 20.3 | 0.0 |
| 17:22:30 | 32 29.1 | -94 35.8 | 117.2 | 0.3 | 117.2 | 663 | 0.0 | 31.4 | -11.5 | 73.8 | 80.8 | 50.0 | 27.1 | 22.2 | 22.2 | 10.1 |
| 17:22:29 | 32 29.1 | -94 35.8 | 422.1 | 438.6 | 10348* | 664 | 37.7 | -21.8 | -7.0 | 73.7 | 77.6 | 0.0 | 210.6 | 95.9 | 91.8 | 209.0 |
| 17:23:00 | 32 29.1 | -94 33.7 | 117.7 | 0.4 | 117.7 | 544 | 93.3 | 2.1 | -0.7 | 937.8 | 73.4 | 31.9 | 11.4 | -16.9 | -18.9 | 0.3 |
| 17:23:00 | 32 29.7 | -94 33.7 | 117.9 | 0.9 | 117.9 | 560 | 93.0 | 2.0 | -0.8 | 250.5 | 73.4 | 32.2 | 10.6 | 20.2 | 20.2 | 0.0 |
| 17:23:00 | 32 29.1 | -94 33.6 | 117.4 | 0.5 | 117.4 | 664 | 0.0 | 24.1 | -14.6 | 74.6 | 80.3 | 50.0 | 27.1 | 22.3 | 22.3 | 10.0 |
| 17:22:59 | 32 29.1 | -94 33.5 | 422.4 | 438.9 | 10349* | 666 | 37.1 | -8.6 | -2.2 | 73.7 | 77.7 | 0.0 | 210.4 | 96.8 | 91.6 | 208.9 |
| 17:23:30 | 32 29.1 | -94 31.4 | 117.2 | 0.2 | 117.2 | 549 | 93.3 | 2.8 | -1.1 | 937.9 | 73.0 | 31.4 | 10.9 | -16.9 | -18.9 | 0.3 |
| 17:23:30 | 32 29.7 | -94 31.4 | 117.5 | 0.6 | 117.5 | 565 | 93.4 | 2.6 | -1.3 | 250.5 | 73.0 | 31.6 | 10.2 | 20.6 | 20.6 | 0.0 |
| 17:23:30 | 32 29.1 | -94 31.3 | 117.0 | 0.1 | 117.0 | 662 | 0.0 | 32.2 | -10.9 | 73.8 | 80.2 | 50.0 | 27.2 | 22.3 | 22.3 | 10.3 |
| 17:23:29 | 32 29.1 | -94 31.3 | 421.8 | 438.2 | 10349* | 664 | 38.2 | -15.5 | -4.7 | 73.3 | 77.5 | 0.0 | 209.8 | 95.4 | 91.1 | 208.2 |
| 17:24:00 | 32 29.1 | -94 29.2 | 119.0 | 0.4 | 119.0 | 527 | 93.7 | 2.5 | -1.6 | 938.3 | 75.5 | 31.8 | 10.8 | -16.9 | -18.9 | 0.3 |
| 17:24:00 | 32 29.7 | -94 29.2 | 119.3 | 0.8 | 119.3 | 545 | 93.4 | 2.3 | -1.7 | 250.5 | 75.5 | 32.0 | 9.9 | 20.7 | 20.7 | 0.0 |
| 17:24:00 | 32 29.1 | -94 29.1 | 118.8 | 0.3 | 118.8 | 660 | 0.0 | 30.1 | -12.7 | 76.0 | 82.8 | 50.0 | 26.6 | 22.7 | 22.7 | 10.4 |
| 17:23:59 | 32 29.1 | -94 29.0 | 421.5 | 438.0 | 10349* | 661 | 32.9 | -17.9 | -5.5 | 75.7 | 80.1 | 0.0 | 213.3 | 96.0 | 92.6 | 211.3 |
| 17:24:30 | 32 29.1 | -94 26.9 | 120.5 | -0.9 | 120.5 | 560 | 94.2 | 2.2 | -2.1 | 938.3 | 78.6 | 31.8 | 10.1 | -16.9 | -18.9 | 0.2 |
| 17:24:30 | 32 29.7 | -94 26.9 | 120.8 | -0.5 | 120.8 | 576 | 93.9 | 2.0 | -2.2 | 250.5 | 78.6 | 32.1 | 9.2 | 20.4 | 20.4 | 0.0 |
| 17:24:30 | 32 29.1 | -94 26.8 | 120.1 | -0.9 | 120.2 | 662 | 0.0 | 30.9 | -13.4 | 78.9 | 86.0 | 50.0 | 25.7 | 22.1 | 22.1 | 10.9 |
| 17:24:29 | 32 29.1 | -94 26.8 | 420.6 | 437.0 | 10349* | 661 | 34.4 | -19.3 | -6.0 | 78.9 | 83.1 | 0.0 | 217.5 | 96.4 | 94.8 | 215.0 |
| 17:25:00 | 32 29.1 | -94 24.6 | 120.3 | -0.9 | 120.3 | 534 | 93.4 | 2.2 | -0.8 | 938.0 | 77.3 | 31.6 | 10.2 | -16.9 | -18.9 | 0.3 |
| 17:25:00 | 32 29.7 | -94 24.6 | 120.5 | -0.5 | 120.5 | 548 | 93.2 | 2.0 | -1.0 | 250.5 | 77.3 | 31.8 | 9.3 | 21.5 | 21.5 | 0.0 |
| 17:25:00 | 32 29.0 | -94 24.5 | 120.0 | -1.2 | 120.0 | 666 | 0.0 | 22.5 | -16.6 | 78.1 | 84.4 | 50.0 | 26.1 | 23.0 | 23.0 | 10.9 |
| 17:24:59 | 32 29.0 | -94 24.5 | 420.6 | 437.0 | 10349* | 665 | 39.8 | -12.8 | -3.9 | 77.5 | 81.4 | 0.0 | 215.8 | 95.6 | 93.3 | 213.4 |
| 17:25:30 | 32 29.1 | -94 22.3 | 120.3 | -0.3 | 120.3 | 525 | 94.1 | 2.3 | -1.9 | 938.2 | 76.0 | 31.4 | 10.3 | -16.9 | -18.9 | 0.2 |
| 17:25:30 | 32 29.7 | -94 22.3 | 120.6 | 0.1 | 120.6 | 543 | 94.2 | 2.2 | -2.0 | 250.5 | 76.1 | 31.6 | 9.4 | 21.0 | 21.0 | 0.0 |
| 17:25:30 | 32 29.0 | -94 22.2 | 120.0 | -0.4 | 120.0 | 662 | 0.0 | 29.5 | -13.1 | 76.6 | 83.3 | 50.0 | 26.4 | 22.5 | 22.5 | 10.8 |
| 17:25:29 | 32 29.0 | -94 22.2 | 420.8 | 437.2 | 10349* | 663 | 35.0 | -17.7 | -5.5 | 76.3 | 80.8 | 0.0 | 214.1 | 96.8 | 91.9 | 211.9 |
| 17:26:00 | 32 29.1 | -94 20.0 | 119.0 | -0.1 | 119.0 | 564 | 93.2 | 2.2 | -1.7* | 937.6 | 78.4 | 31.4 | 9.8 | -16.9 | -18.9 | 0.2 |
| 17:26:00 | 32 29.7 | -94 20.0 | 119.3 | 0.3 | 119.3 | 580 | 92.9 | 2.0 | -1.8* | 250.5 | 78.4 | 31.7 | 8.9 | 21.6 | 21.6 | 0.0 |
| 17:26:00 | 32 29.0 | -94 19.9 | 118.7 | -0.1 | 118.7 | 667 | 0.0 | 28.2 | -14.7 | 78.6 | 85.9 | 50.0 | 25.8 | 23.1 | 23.1 | 11.2 |
| 17:25:59 | 32 29.0 | -94 19.9 | 420.0 | 436.4 | 10349* | 667 | 31.1 | -21.1 | -6.7 | 78.6 | 82.7 | 0.0 | 217.2 | 94.1 | 95.7 | 214.6 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 17:26:30 | 32 29.1 | -94 17.7 | 120.2 | 0.3 | 120.2 | 560 | 92.2 | 1.8 | -1.6 | 937.5 | 79.3 | 31.5 | 9.7 | -16.9 | -18.9 | 0.3 |
| 17:26:30 | 32 29.7 | -94 17.7 | 120.5 | 0.7 | 120.5 | 575 | 91.9 | 1.7 | -1.7 | 250.5 | 79.3 | 31.7 | 8.7 | 21.7 | 21.7 | 0.0 |
| 17:26:30 | 32 29.0 | -94 17.6 | 119.8 | 0.1 | 119.8 | 668 | 0.0 | 29.8 | -14.0 | 80.1 | 86.7 | 50.0 | 25.6 | 23.1 | 23.1 | 11.3 |
| 17:26:29 | 32 29.0 | -94 17.6 | 419.9 | 436.3 | 10349* | 668 | 35.2 | -12.3 | -3.3 | 79.6 | 83.9 | 0.0 | 218.5 | 93.9 | 95.6 | 215.7 |
| 17:27:00 | 32 29.1 | -94 15.4 | 120.0 | 0.9 | 120.0 | 543 | 93.2 | 2.7 | -2.1 | 937.9 | 77.0 | 31.4 | 10.1 | -16.9 | -18.9 | 0.3 |
| 17:27:00 | 32 29.7 | -94 15.4 | 120.3 | 1.3 | 120.3 | 559 | 92.9* | 2.5 | -2.2 | 250.5 | 77.1 | 31.6 | 9.2 | 20.9 | 20.9 | 0.0 |
| 17:27:00 | 32 29.0 | -94 15.3 | 119.6 | 0.5 | 119.6 | 664 | 0.0 | 26.7 | -14.7 | 78.5 | 84.4 | 50.0 | 26.1 | 22.3 | 22.3 | 10.9 |
| 17:26:59 | 32 29.0 | -94 15.3 | 420.5 | 436.9 | 10349* | 664 | 41.4 | -6.3 | -1.6 | 77.5 | 82.0 | 0.0 | 215.5 | 97.5 | 93.6 | 213.1 |
| 17:27:30 | 32 29.1 | -94 13.1 | 119.5 | -0.2 | 119.5 | 537 | 93.1 | 2.7 | -2.0* | 938.4 | 74.0 | 31.1 | 10.4 | -16.9 | -18.9 | 0.3 |
| 17:27:30 | 32 29.7 | -94 13.1 | 119.8 | 0.2 | 119.8 | 554 | 93.3 | 2.6 | -2.1* | 250.5 | 74.0 | 31.3 | 9.7 | 21.3 | 21.3 | 0.0 |
| 17:27:30 | 32 29.0 | -94 13.0 | 119.1 | -0.4 | 119.1 | 662 | 0.0 | 26.1 | -14.0 | 74.5 | 81.1 | 50.0 | 26.9 | 22.7 | 22.7 | 10.7 |
| 17:27:29 | 32 29.0 | -94 13.0 | 421.0 | 437.5 | 10349* | 664 | 41.6 | -17.1 | -5.2 | 74.2 | 78.2 | 0.0 | 211.3 | 94.7 | 90.0 | 209.3 |
| 17:28:00 | 32 29.3 | -94 10.9 | 105.1 | 57.9 | 120.0 | 557 | 62.4* | 2.4 | -24.4* | 938.3 | 74.3 | 31.5 | 10.8 | -16.9 | -18.9 | 0.3 |
| 17:28:00 | 32 30.0 | -94 10.8 | 105.5 | 58.3 | 120.5 | 569 | 62.2* | 2.2 | -24.5* | 250.5 | 74.3 | 31.8 | 10.0 | 21.3 | 21.3 | 0.0 |
| 17:28:00 | 32 29.2 | -94 10.8 | 105.8 | 55.6 | 119.5 | 660 | 0.0 | 24.1 | -15.4 | 75.4 | 81.6 | 50.0 | 26.9 | 22.7 | 22.7 | 10.4 |
| 17:27:59 | 32 29.2 | -94 10.8 | 421.5 | 438.0 | 10349* | 668 | 35.1 | -11.6 | -3.6 | 74.6 | 78.3 | 0.0 | 211.7 | 65.4 | 89.9 | 209.8 |
| 17:28:30 | 32 30.9 | -94 9.7 | 9.8 | 117.8 | 118.2 | 544 | 4.5 | 2.5 | -6.4* | 938.4 | 70.8 | 31.1 | 11.2 | -16.9 | -18.9 | 0.2 |
| 17:28:30 | 32 31.5 | -94 9.7 | 10.1 | 118.2 | 118.6 | 560 | 4.2 | 2.4 | -6.5* | 250.6 | 70.8 | 31.4 | 10.5 | 21.1 | 21.1 | 0.0 |
| 17:28:30 | 32 30.8 | -94 9.6 | 9.6 | 117.9 | 118.3 | 659 | 0.0 | 25.0 | -13.7 | 72.2 | 77.8 | 50.0 | 27.8 | 22.8 | 22.8 | 10.1 |
| 17:28:29 | 32 30.8 | -94 9.6 | 422.1 | 438.6 | 10348* | 665 | 44.9 | -6.9 | -2.0 | 71.1 | 74.6 | 0.0 | 206.8 | 4.3 | 87.2 | 205.4 |
| 17:29:00 | 32 32.8 | -94 9.6 | 7.6 | 118.8 | 119.0 | 540 | 2.7 | 3.3 | -1.0 | 938.4 | 69.5 | 30.9 | 11.3 | -16.9 | -18.9 | 0.2 |
| 17:29:00 | 32 33.5 | -94 9.5 | 7.9 | 119.1 | 119.4 | 557 | 2.4 | 3.1 | -1.1 | 250.5 | 69.5 | 31.2 | 10.7 | 20.8 | 20.8 | 0.0 |
| 17:29:00 | 32 32.7 | -94 9.5 | 7.5 | 118.8 | 119.0 | 654 | 0.0 | 31.6 | -10.3 | 71.2 | 76.6 | 50.0 | 28.2 | 22.2 | 22.2 | 10.0 |
| 17:28:59 | 32 32.7 | -94 9.5 | 422.3 | 438.8 | 10349* | 661 | 34.4 | -4.5 | -0.9 | 69.8 | 74.0 | 0.0 | 204.8 | 1.4 | 84.7 | 203.7 |
| 17:29:30 | 32 34.5 | -94 10.3 | -86.9 | 72.8 | 113.4 | 577 | 307.4* | 3.7 | -24.8 | 938.6 | 68.4 | 30.5 | 11.2 | -16.9 | -18.9 | 0.3 |
| 17:29:30 | 32 35.2 | -94 10.2 | -86.5 | 73.1 | 113.3 | 589 | 307.0* | 3.6 | -24.9 | 250.6 | 68.4 | 30.8 | 10.6 | 20.9 | 20.9 | 0.0 |
| 17:29:30 | 32 34.4 | -94 10.1 | -86.0 | 74.6 | 113.8 | 665 | 0.0 | 32.8 | -9.5 | 68.8 | 75.6 | 50.0 | 28.4 | 22.5 | 22.5 | 10.1 |
| 17:29:29 | 32 34.4 | -94 10.2 | 422.2 | 438.7 | 10348* | 667 | 34.7 | -21.1 | -7.1 | 68.6 | 72.0 | 0.0 | 203.3 | 304.2 | 89.1 | 202.2 |
| 17:30:00 | 32 34.9 | -94 12.2 | -108.6 | -8.6 | 109.0 | 546 | 263.1 | 2.8 | -1.3* | 938.1 | 69.9 | 31.0 | 11.3 | -16.9 | -18.9 | 0.3 |
| 17:30:00 | 32 35.5 | -94 12.2 | -108.2 | -8.3 | 108.5 | 563 | 262.8 | 2.6 | -1.5* | 250.5 | 70.0 | 31.3 | 10.6 | 20.3 | 20.3 | 0.0 |
| 17:30:00 | 32 34.8 | -94 12.1 | -109.1 | -8.5 | 109.5 | 661 | 0.0 | 26.1 | -12.9 | 70.9 | 76.9 | 50.0 | 28.0 | 22.2 | 22.2 | 10.0 |
| 17:29:59 | 32 34.8 | -94 12.2 | 422.3 | 438.8 | 10349* | 668 | 41.5 | -13.5 | -4.0 | 70.2 | 74.0 | 0.0 | 205.5 | 258.6 | 95.7 | 204.3 |
| 17:30:30 | 32 34.8 | -94 14.3 | -110.5 | -8.0 | 110.8 | 562 | 264.2 | 2.9 | -1.0* | 938.0 | 68.7 | 30.7 | 11.3 | -16.9 | -18.9 | 0.3 |
| 17:30:30 | 32 35.4 | -94 14.3 | -110.1 | -7.7 | 110.4 | 579 | 264.3 | 2.7 | -1.2* | 250.5 | 68.7 | 31.0 | 10.6 | 21.5 | 21.5 | 0.0 |
| 17:30:30 | 32 34.7 | -94 14.3 | -111.0 | -8.0 | 111.3 | 665 | 0.0 | 31.3 | -10.1 | 69.4 | 75.7 | 50.0 | 28.4 | 22.8 | 22.8 | 10.1 |
| 17:30:29 | 32 34.7 | -94 14.3 | 422.2 | 438.7 | 10349* | 667 | 41.1 | -17.2 | -5.4 | 69.0 | 73.6 | 0.0 | 203.8 | 259.5 | 92.1 | 202.6 |
| 17:31:00 | 32 34.6 | -94 16.5 | -111.1 | -6.4 | 111.3 | 546 | 264.8 | 3.0 | 0.7* | 938.3 | 70.3 | 30.9 | 11.1 | -16.9 | -18.9 | 0.3 |
| 17:31:00 | 32 35.3 | -94 16.4 | -110.7 | -6.1 | 110.9 | 562 | 264.6 | 2.9 | 0.6* | 250.5 | 70.3 | 31.2 | 10.4 | 21.1 | 21.1 | 0.0 |
| 17:31:00 | 32 34.6 | -94 16.4 | -111.6 | -6.7 | 111.8 | 654 | 0.0 | 32.7 | -9.9 | 71.3 | 77.3 | 50.0 | 27.9 | 22.5 | 22.5 | 10.2 |
| 17:30:59 | 32 34.6 | -94 16.4 | 422.0 | 438.5 | 10349* | 661 | 36.1 | -13.1 | -3.6 | 70.6 | 74.7 | 0.0 | 206.0 | 260.5 | 93.7 | 204.7 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 17:31:30 | 32 34.6 | -94 18.6 | -113.4 | -0.2 | 113.4 | 536 | 268.1 | 2.9 | -2.9* | 938.2 | 73.1 | 31.1 | 10.6 | -16.9 | -18.8 | 0.2 |
| 17:31:30 | 32 35.3 | -94 18.5 | -112.9 | 0.2 | 112.9 | 555 | 267.8 | 2.8 | -3.0* | 250.6 | 73.1 | 31.4 | 9.9 | 20.9 | 20.9 | 0.0 |
| 17:31:30 | 32 34.6 | -94 18.5 | -114.0 | -0.1 | 114.0 | 662 | 0.0 | 33.0 | -10.7 | 73.5 | 80.3 | 50.0 | 27.2 | 22.6 | 22.6 | 10.5 |
| 17:31:29 | 32 34.6 | -94 18.6 | 421.3 | 437.8 | 10348* | 664 | 35.7 | -18.4 | -5.8 | 73.3 | 77.6 | 0.0 | 210.0 | 263.5 | 95.1 | 208.2 |
| 17:32:00 | 32 34.6 | -94 20.8 | -113.0 | -1.9 | 113.1 | 526 | 267.1 | 2.8 | 0.1* | 938.1 | 71.5 | 31.2 | 11.1 | -16.9 | -18.9 | 0.2 |
| 17:32:00 | 32 35.3 | -94 20.7 | -112.6 | -1.5 | 112.6 | 541 | 266.9 | 2.6 | -0.0* | 250.5 | 71.5 | 31.5 | 10.4 | 21.3 | 21.3 | 0.0 |
| 17:32:00 | 32 34.5 | -94 20.7 | -113.6 | -2.0 | 113.6 | 656 | 0.0 | 32.9 | -10.2 | 72.0 | 78.7 | 50.0 | 27.6 | 22.9 | 22.9 | 10.2 |
| 17:31:59 | 32 34.5 | -94 20.7 | 422.0 | 438.5 | 10349* | 661 | 43.6 | -18.9 | -6.1 | 71.7 | 76.6 | 0.0 | 207.8 | 261.7 | 93.7 | 206.4 |
| 17:32:30 | 32 34.6 | -94 23.0 | -114.8 | 1.1 | 114.8 | 539 | 268.7 | 2.9 | -1.2 | 938.1 | 73.3 | 31.1 | 10.7 | -16.9 | -18.9 | 0.2 |
| 17:32:30 | 32 35.3 | -94 22.9 | -114.3 | 1.5 | 114.3 | 555 | 268.8 | 2.8 | -1.4 | 250.5 | 73.3 | 31.4 | 9.9 | 21.4 | 21.4 | 0.0 |
| 17:32:30 | 32 34.5 | -94 22.9 | -115.3 | 1.2 | 115.4 | 658 | 0.0 | 28.6 | -12.6 | 74.1 | 80.5 | 50.0 | 27.1 | 23.0 | 23.0 | 10.5 |
| 17:32:29 | 32 34.5 | -94 22.9 | 421.4 | 437.8 | 10349* | 663 | 40.8 | -15.6 | -4.7 | 73.5 | 77.4 | 0.0 | 210.3 | 264.3 | 94.0 | 208.5 |
| 17:33:00 | 32 34.6 | -94 25.2 | -114.8 | -0.1 | 114.8 | 524 | 267.2 | 3.0 | -1.5* | 938.3 | 74.5 | 31.2 | 10.5 | -16.9 | -18.9 | 0.2 |
| 17:33:00 | 32 35.3 | -94 25.1 | -114.3 | 0.3 | 114.3 | 540 | 266.9 | 2.8 | -1.7* | 250.5 | 74.5 | 31.5 | 9.7 | 21.6 | 21.6 | 0.0 |
| 17:33:00 | 32 34.5 | -94 25.1 | -115.4 | 0.0 | 115.4 | 649 | 0.0 | 28.6 | -13.1 | 75.7 | 81.8 | 50.0 | 26.8 | 22.9 | 22.9 | 10.6 |
| 17:32:59 | 32 34.5 | -94 25.1 | 421.1 | 437.5 | 10349* | 659 | 41.3 | -10.9 | -2.8 | 74.8 | 79.8 | 0.0 | 211.9 | 262.7 | 95.5 | 210.0 |
| 17:33:30 | 32 34.6 | -94 27.4 | -114.6 | -0.5 | 114.6 | 483 | 267.3 | 2.5 | -1.2* | 937.7 | 72.6 | 31.5 | 11.2 | -16.9 | -18.9 | 0.2 |
| 17:33:30 | 32 35.3 | -94 27.2 | -114.1 | -0.2 | 114.1 | 500 | 267.0 | 2.3 | -1.4* | 250.5 | 72.6 | 31.8 | 10.4 | 21.2 | 21.2 | 0.0 |
| 17:33:30 | 32 34.5 | -94 27.3 | -115.1 | -0.4 | 115.1 | 659 | 0.0 | 30.9 | -11.5 | 73.9 | 79.7 | 50.0 | 27.3 | 23.0 | 23.0 | 10.1 |
| 17:33:29 | 32 34.5 | -94 27.3 | 422.1 | 438.6 | 10349* | 665 | 33.0 | -8.4 | -1.9 | 73.0 | 76.9 | 0.0 | 209.3 | 263.5 | 93.5 | 207.8 |
| 17:34:00 | 32 34.6 | -94 29.6 | -114.4 | -1.9 | 114.4 | 542 | 266.8 | 2.8 | -0.9* | 938.2 | 74.5 | 32.1 | 11.3 | -16.9 | -18.9 | 0.2 |
| 17:34:00 | 32 35.3 | -94 29.4 | -113.9 | -1.5 | 113.9 | 557 | 266.6 | 2.6 | -1.1* | 250.5 | 74.5 | 32.4 | 10.5 | 19.9 | 19.9 | 0.0 |
| 17:34:00 | 32 34.5 | -94 29.5 | -114.9 | -1.7 | 114.9 | 647 | 0.0 | 28.0 | -13.5 | 75.3 | 81.9 | 50.0 | 26.8 | 22.3 | 22.3 | 10.0 |
| 17:33:59 | 32 34.5 | -94 29.6 | 422.3 | 438.8 | 10349* | 660 | 37.1 | -16.3 | -5.2 | 74.7 | 78.7 | 0.0 | 211.9 | 261.9 | 96.3 | 210.3 |
| 17:34:30 | 32 34.6 | -94 31.7 | -114.6 | -0.2 | 114.6 | 539 | 268.3 | 2.0 | -2.4* | 937.8 | 75.5 | 32.4 | 11.3 | -16.9 | -18.8 | 0.2 |
| 17:34:30 | 32 35.3 | -94 31.6 | -114.1 | 0.2 | 114.1 | 555 | 268.4 | 1.8 | -2.5* | 250.5 | 75.5 | 32.7 | 10.5 | 20.4 | 20.4 | 0.0 |
| 17:34:30 | 32 34.5 | -94 31.7 | -115.1 | -0.2 | 115.1 | 662 | 0.0 | 22.3 | -16.3 | 75.8 | 82.6 | 50.0 | 26.6 | 22.5 | 22.5 | 10.0 |
| 17:34:29 | 32 34.5 | -94 31.7 | 422.4 | 438.9 | 10349* | 666 | 42.2 | -19.1 | -6.1 | 75.6 | 79.4 | 0.0 | 213.3 | 263.6 | 97.3 | 211.6 |
| 17:35:00 | 32 34.6 | -94 33.9 | -113.0 | 0.2 | 113.0 | 546 | 267.3 | 3.5 | -1.4* | 938.4 | 73.7 | 32.2 | 11.6 | -16.9 | -18.9 | 0.3 |
| 17:35:00 | 32 35.3 | -94 33.8 | -112.5 | 0.6 | 112.5 | 563 | 267.1 | 3.3 | -1.5* | 250.5 | 73.7 | 32.5 | 10.8 | 20.0 | 20.0 | 0.0 |
| 17:35:00 | 32 34.5 | -94 33.9 | -113.6 | 0.2 | 113.6 | 652 | 0.0 | 28.9 | -12.6 | 74.6 | 80.9 | 50.0 | 27.0 | 22.1 | 22.1 | 9.9 |
| 17:34:59 | 32 34.5 | -94 33.9 | 422.7 | 439.2 | 10349* | 657 | 41.5 | -13.8 | -3.9 | 74.0 | 78.0 | 0.0 | 210.8 | 262.3 | 96.8 | 209.3 |
| 17:35:30 | 32 34.6 | -94 36.1 | -113.3 | 0.3 | 113.3 | 534 | 267.6 | 2.9 | -1.8 | 938.2 | 73.7 | 32.2 | 11.5 | -16.9 | -18.9 | 0.2 |
| 17:35:30 | 32 35.3 | -94 35.9 | -112.7 | 0.8 | 112.8 | 552 | 267.3 | 2.7 | -1.9 | 250.5 | 73.8 | 32.5 | 10.7 | 20.4 | 20.4 | 0.0 |
| 17:35:30 | 32 34.5 | -94 36.1 | -113.9 | 0.4 | 113.9 | 648 | 0.0 | 35.7 | -9.5 | 74.9 | 81.1 | 50.0 | 27.0 | 22.3 | 22.3 | 9.9 |
| 17:35:29 | 32 34.5 | -94 36.1 | 422.6 | 439.2 | 10349* | 657 | 44.3 | -10.6 | -2.6 | 74.0 | 78.2 | 0.0 | 210.9 | 263.5 | 96.5 | 209.4 |
| 17:36:00 | 32 34.6 | -94 38.3 | -113.3 | 0.3 | 113.3 | 534 | 267.3 | 2.8 | -1.3* | 937.7 | 74.8 | 32.2 | 11.3 | -16.9 | -18.8 | 0.2 |
| 17:36:00 | 32 35.3 | -94 38.1 | -112.8 | 0.7 | 112.8 | 551 | 267.1 | 2.6 | -1.4* | 250.6 | 74.8 | 32.5 | 10.5 | 20.4 | 20.4 | 0.0 |
| 17:36:00 | 32 34.5 | -94 38.3 | -113.8 | 0.3 | 113.8 | 658 | 0.0 | 31.2 | -11.9 | 75.6 | 82.0 | 50.0 | 26.7 | 21.9 | 21.9 | 10.0 |
| 17:35:59 | 32 34.5 | -94 38.3 | 422.3 | 438.8 | 10348* | 663 | 36.9 | -15.3 | -4.6 | 75.1 | 79.3 | 0.0 | 212.3 | 262.1 | 97.8 | 210.6 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 17:36:30 | 32 34.6 | -94 40.4 | -112.2 | 0.8 | 112.2 | 538 | 268.1 | 3.1 | -1.1 | 938.5 | 71.5 | 32.1 | 12.0 | -16.9 | -18.9 | 0.2 |
| 17:36:30 | 32 35.3 | -94 40.3 | -111.7 | 1.2 | 111.7 | 556 | 268.2 | 2.9 | -1.2 | 250.6 | 71.6 | 32.5 | 11.3 | 20.0 | 20.0 | 0.0 |
| 17:36:30 | 32 34.5 | -94 40.5 | -112.8 | 0.5 | 112.8 | 645 | 0.0 | 27.5 | -12.6 | 71.9 | 78.7 | 50.0 | 27.6 | 22.1 | 22.1 | 9.6 |
| 17:36:29 | 32 34.5 | -94 40.5 | 423.3 | 439.9 | 10348* | 657 | 30.5 | -21.2 | -6.9 | 71.7 | 75.5 | 0.0 | 207.8 | 262.1 | 95.0 | 206.7 |
| 17:37:00 | 32 34.6 | -94 42.6 | -113.2 | -0.2 | 113.2 | 520 | 267.8 | 2.8 | -1.0 | 938.7 | 72.8 | 32.2 | 11.7 | -16.9 | -18.9 | 0.2 |
| 17:37:00 | 32 35.3 | -94 42.4 | -112.7 | 0.2 | 112.7 | 536 | 267.6 | 2.6 | -1.1 | 250.6 | 72.8 | 32.4 | 11.0 | 19.6 | 19.6 | 0.0 |
| 17:37:00 | 32 34.5 | -94 42.6 | -113.8 | -0.2 | 113.8 | 650 | 0.0 | 27.4 | -13.1 | 73.6 | 79.8 | 50.0 | 27.3 | 22.3 | 22.3 | 9.7 |
| 17:36:59 | 32

A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 17:41:30 | 32 31.9 | -94 56.0 | 114.6 | 45.9 | 123.5 | 1032 | 69.6* | 5.7* | -29.2* | 888.0 | 77.0 | 28.6 | 7.5 | -16.9 | -18.9 | 0.3 |
| 17:41:30 | 32 32.7 | -94 55.7 | 115.1 | 46.7 | 124.2 | 1044 | 69.5* | 5.6* | -29.4* | 250.5 | 77.0 | 28.9 | 6.7 | 19.6 | 19.6 | 0.0 |
| 17:41:30 | 32 31.8 | -94 56.2 | 115.3 | 42.8 | 123.0 | 1126 | 0.0 | 30.5 | -13.3 | 78.2 | 84.7 | 50.0 | 26.2 | 22.5 | 22.5 | 13.1 |
| 17:41:29 | 32 31.8 | -94 56.2 | 416.7 | 432.9 | 10349* | 1137 | 33.9 | -11.7 | -3.4 | 77.2 | 81.2 | 0.0 | 215.3 | 73.9 | 88.6 | 212.0 |
| 17:42:00 | 32 33.5 | -94 54.8 | -4.2 | 121.6 | 121.6 | 1251 | 356.3* | 7.3* | -20.7* | 865.1 | 68.5 | 26.2 | 7.2 | -16.9 | -18.9 | 0.3 |
| 17:42:00 | 32 34.3 | -94 54.5 | -3.8 | 122.2 | 122.3 | 1259 | 356.3* | 7.1* | -20.8* | 250.5 | 68.5 | 26.6 | 6.6 | 18.0 | 18.0 | 0.0 |
| 17:42:00 | 32 33.4 | -94 55.0 | -2.7 | 121.8 | 121.8 | 1355 | 0.0 | 30.3 | -10.8 | 69.7 | 75.8 | 50.0 | 28.4 | 21.6 | 21.6 | 13.4 |
| 17:41:59 | 32 33.4 | -94 55.0 | 416.2 | 432.4 | 10349* | 1363 | 43.7 | -15.3 | -4.8 | 68.7 | 72.5 | 0.0 | 203.4 | 354.2 | 78.9 | 200.9 |
| 17:42:30 | 32 35.4 | -94 55.3 | -29.5 | 113.6 | 117.4 | 1463 | 343.3 | 7.6* | -0.7* | 841.1 | 61.0 | 23.8 | 6.6 | -16.9 | -18.9 | 0.3 |
| 17:42:30 | 32 36.2 | -94 55.0 | -29.0 | 114.3 | 117.9 | 1469 | 343.1 | 7.4* | -0.9* | 250.5 | 61.1 | 24.2 | 6.3 | 16.0 | 16.0 | 0.0 |
| 17:42:30 | 32 35.2 | -94 55.5 | -29.8 | 113.9 | 117.7 | 1596 | 0.0 | 34.1 | -6.5 | 62.7 | 68.1 | 50.0 | 30.5 | 20.1 | 20.1 | 14.0 |
| 17:42:29 | 32 35.3 | -94 55.5 | 415.3 | 431.5 | 10349* | 1601 | 32.7 | -12.5 | -3.9 | 61.3 | 65.9 | 0.0 | 192.3 | 337.4 | 73.0 | 190.3 |
| 17:43:00 | 32 36.8 | -94 56.5 | -103.3 | 37.0 | 109.7 | 1649 | 283.7* | 4.5 | -29.2 | 826.3 | 60.9 | 23.3 | 6.2 | -16.9 | -18.9 | 0.3 |
| 17:43:00 | 32 37.6 | -94 56.2 | -102.8 | 37.5 | 109.4 | 1657 | 283.4* | 4.3 | -29.4 | 250.5 | 60.9 | 23.9 | 6.0 | 14.5 | 14.5 | 0.0 |
| 17:43:00 | 32 36.7 | -94 56.7 | -102.9 | 39.7 | 110.3 | 1761 | 0.0 | 36.6 | -5.1 | 61.8 | 67.9 | 50.0 | 30.5 | 17.9 | 17.9 | 14.4 |
| 17:42:59 | 32 36.7 | -94 56.7 | 414.7 | 430.8 | 10349* | 1763 | 34.9 | -19.1 | -6.5 | 61.0 | 64.7 | 0.0 | 192.1 | 277.3 | 81.3 | 190.0 |
| 17:43:30 | 32 36.2 | -94 58.3 | -52.4 | -99.1 | 112.1 | 1662 | 206.8* | 5.3* | -30.0 | 824.1 | 74.6 | 24.9 | 4.6 | -16.9 | -18.9 | 0.3 |
| 17:43:30 | 32 37.1 | -94 58.0 | -51.7 | -98.5 | 111.2 | 1666 | 206.3* | 5.1* | -30.2 | 250.6 | 74.6 | 25.2 | 3.8 | 13.7 | 13.7 | 0.0 |
| 17:43:30 | 32 36.2 | -94 58.5 | -55.9 | -97.5 | 112.4 | 1771 | 0.0 | 39.5 | -8.7 | 74.8 | 82.6 | 50.0 | 26.8 | 17.5 | 17.5 | 16.2 |
| 17:43:29 | 32 36.1 | -94 58.5 | 412.3 | 428.3 | 10348* | 1780 | 32.9 | -24.7 | -8.3 | 74.8 | 79.0 | 0.0 | 212.2 | 206.4 | 95.9 | 208.0 |
| 17:44:00 | 32 34.5 | -94 57.9 | 63.7 | -94.6 | 114.0 | 1776* | 151.3* | 7.7 | -11.2 | 808.9 | 72.9 | 23.8 | 3.9 | -16.9 | -18.9 | 0.3 |
| 17:44:00 | 32 35.4 | -94 57.6 | 64.3 | -93.9 | 113.8 | 1818 | 151.0* | 7.5 | -11.3 | 250.6 | 72.9 | 24.2 | 3.3 | 13.3 | 13.3 | 0.0 |
| 17:44:00 | 32 34.4 | -94 58.2 | 62.6 | -95.5 | 114.1 | 1947 | 0.0 | 28.7 | -12.7 | 73.4 | 80.3 | 50.0 | 27.2 | 16.2 | 16.2 | 16.9 |
| 17:43:59 | 32 34.4 | -94 58.2 | 411.4 | 427.3 | 10348* | 1935 | 17.7 | -21.7 | -7.0 | 73.0 | 77.3 | 0.0 | 209.7 | 155.7 | 91.6 | 205.5 |
| 17:44:30 | 32 33.5 | -94 56.2 | 114.0 | -20.8 | 115.8 | 2002* | 105.1* | 8.5* | -22.4* | 786.0 | 61.3 | 22.1 | 4.9 | -16.9 | -18.9 | 0.3 |
| 17:44:30 | 32 34.3 | -94 55.9 | 114.5 | -20.0 | 116.2 | 2086 | 104.7* | 7.1 | -20.9 | 250.5 | 61.3 | 22.5 | 4.6 | 10.3 | 10.3 | 0.0 |
| 17:44:30 | 32 33.4 | -94 56.5 | 113.0 | -22.8 | 115.3 | 2177 | 0.0 | 34.5 | -6.1 | 62.0 | 68.3 | 50.0 | 30.4 | 14.0 | 14.0 | 15.8 |
| 17:44:29 | 32 33.4 | -94 56.5 | 412.8 | 428.9 | 10349* | 2184 | 31.3 | -19.7 | -6.7 | 61.4 | 65.1 | 0.0 | 192.8 | 112.4 | 74.8 | 190.1 |
| 17:45:00 | 32 33.9 | -94 54.1 | 101.1 | 63.9 | 119.6 | 1742 | 61.1* | 7.2 | -11.1 | 769.6 | 60.1 | 20.8 | 4.0 | -16.9 | -18.9 | 0.3 |
| 17:45:00 | 32 34.8 | -94 53.7 | 101.5 | 64.6 | 120.3 | 2243 | 60.8* | 7.0 | -11.2 | 250.5 | 60.1 | 21.4 | 3.8 | 10.1 | 10.1 | 0.0 |
| 17:45:00 | 32 33.8 | -94 54.4 | 101.2 | 62.9 | 119.1 | 2354 | 0.0 | 32.3 | -6.7 | 60.9 | 66.8 | 50.0 | 30.7 | 12.8 | 12.8 | 16.9 |
| 17:44:59 | 32 33.8 | -94 54.4 | 411.4 | 427.4 | 10349* | 2361 | 33.0 | -18.1 | -5.9 | 60.2 | 63.9 | 0.0 | 190.8 | 64.9 | 68.5 | 188.0 |
| 17:45:30 | 32 35.4 | -94 52.6 | 49.5 | 112.5 | 122.9 | 1559* | 25.2* | 5.8 | -14.7* | 756.7 | 60.4 | 20.7 | 3.8 | -16.9 | -18.9 | 0.3 |
| 17:45:30 | 32 36.3 | -94 52.2 | 49.8 | 113.2 | 123.6 | 2365 | 25.1* | 5.6 | -14.9* | 250.5 | 60.4 | 21.3 | 3.7 | 8.7 | 8.7 | 0.0 |
| 17:45:30 | 32 35.2 | -94 52.9 | 50.1 | 111.8 | 122.5 | 2500 | 0.0 | 29.7 | -7.9 | 61.3 | 66.8 | 50.0 | 30.6 | 11.5 | 11.5 | 17.1 |
| 17:45:29 | 32 35.2 | -94 52.9 | 411.2 | 427.1 | 10349* | 2507 | 33.4 | -16.2 | -5.1 | 60.6 | 64.1 | 0.0 | 191.3 | 26.9 | 65.5 | 188.4 |
| 17:46:00 | 32 37.3 | -94 52.7 | -71.6 | 102.9 | 125.4 | 1609 | 322.8* | 3.4 | -24.8 | 749.7 | 67.3 | 20.9 | 2.4 | -16.9 | -18.9 | 0.3 |
| 17:46:00 | 32 38.2 | -94 52.3 | -71.3 | 103.5 | 125.7 | 2428 | 322.7* | 3.2 | -24.9 | 250.6 | 67.3 | 21.2 | 1.9 | 8.7 | 8.7 | 0.0 |
| 17:46:00 | 32 37.1 | -94 53.0 | -70.2 | 104.2 | 125.6 | 2582 | 0.0 | 33.2 | -8.7 | 67.2 | 74.1 | 50.0 | 28.7 | 11.5 | 11.5 | 18.9 |
| 17:45:59 | 32 37.2 | -94 53.0 | 409.1 | 425.0 | 10348* | 2589 | 37.2 | -22.2 | -7.5 | 67.4 | 71.0 | 0.0 | 201.7 | 318.5 | 72.4 | 197.5 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 17:46:30 | 32 38.8 | -94 54.2 | -72.6 | 98.7 | 122.5 | 2281 | 322.3 | -1.0 | 1.2* | 762.9 | 66.9 | 21.2 | 2.8 | -16.9 | -18.9 | 0.3 |
| 17:46:30 | 32 39.7 | -94 53.9 | -72.2 | 99.3 | 122.8 | 2301 | 322.3 | -1.1 | 1.0* | 250.6 | 66.9 | 21.6 | 2.3 | 9.1 | 9.1 | 0.0 |
| 17:46:30 | 32 38.6 | -94 54.5 | -73.4 | 98.3 | 122.7 | 2430 | 0.0 | 37.3 | -6.2 | 66.3 | 73.0 | 50.0 | 28.8 | 12.1 | 12.1 | 18.4 |
| 17:46:29 | 32 38.6 | -94 54.5 | 409.7 | 425.5 | 10348* | 2435 | 35.6 | -20.8 | -6.6 | 67.1 | 70.9 | 0.0 | 201.1 | 315.3 | 74.3 | 197.2 |
| 17:47:00 | 32 40.3 | -94 55.8 | -84.4 | 93.2 | 125.8 | 1990 | 314.9* | -1.8 | 13.4* | 790.2 | 71.4 | 23.6 | 4.0 | -16.9 | -18.9 | 0.3 |
| 17:47:00 | 32 41.2 | -94 55.4 | -84.0 | 93.8 | 125.9 | 2001 | 314.7* | -1.9 | 13.3* | 250.5 | 71.4 | 23.9 | 3.4 | 10.2 | 10.2 | 0.0 |
| 17:47:00 | 32 40.2 | -94 56.1 | -86.1 | 92.0 | 126.0 | 2130 | 0.0 | 36.5 | -8.3 | 71.6 | 77.6 | 50.0 | 27.6 | 13.5 | 13.5 | 16.8 |
| 17:46:59 | 32 40.2 | -94 56.1 | 411.5 | 427.5 | 10349* | 2132 | 41.9 | -8.6 | -2.2 | 71.7 | 76.1 | 0.0 | 207.6 | 306.6 | 77.8 | 203.6 |
| 17:47:30 | 32 41.5 | -94 57.7 | -120.8 | 36.2 | 126.1 | 1579 | 282.4* | -4.1 | -10.3* | 828.9 | 84.8 | 25.4 | 2.9 | -16.9 | -18.9 | 0.3 |
| 17:47:30 | 32 42.5 | -94 57.3 | -120.4 | 36.7 | 125.9 | 1586 | 282.1* | -4.2 | -10.4* | 250.5 | 84.8 | 25.6 | 1.8 | 15.3 | 15.3 | 0.0 |
| 17:47:30 | 32 41.4 | -94 57.9 | -121.0 | 37.0 | 126.5 | 1728 | 0.0 | 29.8 | -15.2 | 84.4 | 91.3 | 50.0 | 24.2 | 18.8 | 18.8 | 18.3 |
| 17:47:29 | 32 41.4 | -94 57.9 | 409.8 | 425.7 | 10349* | 1732 | 42.5 | -13.4 | -4.2 | 85.2 | 89.0 | 0.0 | 225.8 | 276.2 | 92.8 | 219.7 |
| 17:48:00 | 32 42.8 | -94 59.3 | -16.1 | 123.5 | 124.6 | 1363 | 352.7* | 0.7 | 32.2 | 847.8 | 69.4 | 25.6 | 6.3 | -16.9 | -18.9 | 0.3 |
| 17:48:00 | 32 43.7 | -94 59.0 | -15.6 | 124.1 | 125.1 | 1372 | 353.0* | 0.6 | 32.0 | 250.5 | 69.4 | 26.0 | 5.8 | 16.7 | 16.7 | 0.0 |
| 17:48:00 | 32 42.7 | -94 59.7 | -20.3 | 123.1 | 124.8 | 1512 | 0.0 | 48.6 | -2.7 | 70.3 | 76.5 | 50.0 | 28.2 | 20.4 | 20.4 | 14.2 |
| 17:47:59 | 32 42.7 | -94 59.7 | 414.9 | 431.1 | 10349* | 1516 | 43.9 | -7.9 | -1.4 | 69.6 | 75.8* | 0.0 | 204.8 | 345.1 | 77.3 | 201.8 |
| 17:48:30 | 32 44.3 | -94 58.2 | 107.7 | 45.8 | 117.1 | 1256 | 70.3* | 2.6 | 16.2* | 861.4 | 66.4 | 25.6 | 7.0 | -16.9 | -18.9 | 0.3 |
| 17:48:30 | 32 45.3 | -94 57.7 | 108.2 | 46.5 | 117.7 | 1266 | 70.0* | 2.4 | 16.0* | 250.6 | 66.4 | 26.0 | 6.6 | 18.9 | 18.9 | 0.0 |
| 17:48:30 | 32 44.2 | -94 58.5 | 107.2 | 47.2 | 117.1 | 1380 | 0.0 | 37.8 | -6.5 | 67.8 | 73.2 | 50.0 | 29.0 | 22.2 | 22.2 | 13.6 |
| 17:48:29 | 32 44.2 | -94 58.5 | 415.9 | 432.1 | 10348* | 1388 | 37.5 | -7.3 | -1.5 | 66.7 | 72.1 | 0.0 | 200.4 | 71.3 | 81.0 | 198.0 |
| 17:49:00 | 32 44.3 | -94 56.0 | 106.3 | -34.2 | 111.7 | 1255 | 112.2 | 3.7 | 1.8* | 862.4 | 62.0 | 25.1 | 7.6 | -16.9 | -18.9 | 0.3 |
| 17:49:00 | 32 45.3 | -94 55.6 | 106.8 | -33.6 | 112.0 | 1262 | 112.0 | 3.6 | 1.7* | 250.6 | 62.0 | 25.6 | 7.3 | 18.6 | 18.6 | 0.0 |
| 17:49:00 | 32 44.2 | -94 56.4 | 106.0 | -34.1 | 111.4 | 1373 | 0.0 | 40.7 | -3.4 | 63.2 | 68.8 | 50.0 | 30.2 | 22.3 | 22.3 | 13.0 |
| 17:48:59 | 32 44.2 | -94 56.4 | 416.8 | 433.0 | 10348* | 1380 | 39.9 | -14.2 | -4.2 | 62.2 | 66.6 | 0.0 | 193.8 | 115.1 | 80.7 | 192.1 |
| 17:49:30 | 32 43.5 | -94 54.2 | 62.9 | -84.5 | 105.3 | 1308 | 149.0* | 7.3* | 22.2 | 854.7 | 62.9 | 25.1 | 7.4 | -16.9 | -18.9 | 0.3 |
| 17:49:30 | 32 44.5 | -94 53.8 | 63.5 | -83.9 | 105.2 | 1326 | 149.0* | 7.2* | 22.0 | 250.6 | 62.9 | 25.6 | 7.1 | 17.2 | 17.2 | 0.0 |
| 17:49:30 | 32 43.4 | -94 54.5 | 64.7 | -83.5 | 105.6 | 1446 | 0.0 | 36.8 | -5.8 | 64.5 | 70.2 | 50.0 | 30.0 | 21.2 | 21.2 | 13.2 |
| 17:49:29 | 32 43.4 | -94 54.5 | 416.5 | 432.7 | 10348* | 1451 | 35.1 | -13.0 | -3.5 | 63.1 | 67.8 | 0.0 | 195.1 | 150.3 | 87.8 | 193.2 |
| 17:50:00 | 32 42.1 | -94 53.1 | 92.4 | -64.2 | 112.5 | 1508 | 129.5* | 4.3* | -21.0 | 839.6 | 66.4 | 24.3 | 5.8 | -16.9 | -18.9 | 0.2 |
| 17:50:00 | 32 43.1 | -94 52.6 | 92.9 | -63.7 | 112.6 | 1516 | 129.1* | 4.1* | -21.1 | 250.6 | 66.4 | 24.6 | 5.3 | 16.7 | 16.7 | 0.0 |
| 17:50:00 | 32 42.0 | -94 53.4 | 90.6 | -65.9 | 112.0 | 1617 | 0.0 | 31.8 | -9.2 | 67.2 | 73.4 | 50.0 | 29.0 | 20.5 | 20.5 | 14.8 |
| 17:49:59 | 32 42.0 | -94 53.4 | 414.1 | 430.2 | 10348* | 1620 | 35.6 | -17.2 | -5.7 | 66.6 | 70.1 | 0.0 | 200.3 | 135.7 | 85.8 | 197.5 |
| 17:50:30 | 32 41.3 | -94 51.1 | 109.0 | -39.5 | 115.9 | 1684 | 114.9* | 3.3* | -16.5* | 821.6 | 67.3 | 23.4 | 4.8 | -16.9 | -18.9 | 0.3 |
| 17:50:30 | 32 42.3 | -94 50.6 | 109.5 | -38.9 | 116.2 | 1692 | 114.5* | 3.2* | -16.6* | 250.5 | 67.4 | 23.8 | 4.3 | 15.4 | 15.4 | 0.0 |
| 17:50:30 | 32 41.2 | -94 51.5 | 107.8 | -41.0 | 115.3 | 1806 | 0.0 | 28.6 | -10.9 | 68.2 | 74.1 | 50.0 | 28.7 | 18.6 | 18.6 | 16.0 |
| 17:50:29 | 32 41.2 | -94 51.5 | 412.6 | 428.6 | 10349* | 1805 | 34.4 | -15.7 | -4.8 | 67.6 | 71.0 | 0.0 | 201.8 | 121.3 | 83.5 | 198.5 |
| 17:51:00 | 32 41.5 | -94 48.7 | 122.9 | 53.1 | 133.9 | 1693 | 70.1* | 2.0 | 2.3* | 820.8 | 80.4 | 25.0 | 3.4 | -16.9 | -18.9 | 0.2 |
| 17:51:00 | 32 42.5 | -94 48.3 | 123.3 | 53.7 | 134.5 | 1711 | 69.7* | 1.8 | 2.0* | 250.5 | 80.5 | 25.3 | 2.5 | 13.4 | 13.4 | 0.0 |
| 17:51:00 | 32 41.3 | -94 49.1 | 122.4 | 53.2 | 133.5 | 1807 | 0.0 | 22.0 | -17.2 | 81.4 | 87.5 | 50.0 | 25.3 | 16.9 | 16.9 | 17.6 |
| 17:50:59 | 32 41.3 | -94 49.1 | 410.6 | 426.5 | 10349* | 1810 | 43.0 | -8.7 | -2.8 | 80.8 | 85.0 | 0.0 | 220.0 | 74.5 | 81.3 | 214.7 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 17:51:30 | 32 41.8 | -94 46.2 | 131.9 | -4.3 | 131.9 | 1717 | 97.1 | 2.2 | 0.7* | 820.5 | 81.8 | 25.0 | 3.1 | -16.9 | -18.9 | 0.3 |
| 17:51:30 | 32 42.8 | -94 45.8 | 132.3 | -3.7 | 132.3 | 1725 | 97.2 | 2.0 | 0.6* | 250.5 | 81.9 | 25.3 | 2.1 | 14.3 | 14.3 | 0.0 |
| 17:51:30 | 32 41.7 | -94 46.6 | 131.8 | -4.2 | 131.8 | 1803 | 0.0 | 25.2 | -16.8 | 81.7 | 88.9 | 50.0 | 24.9 | 17.8 | 17.8 | 18.0 |
| 17:51:29 | 32 41.7 | -94 46.6 | 410.1 | 426.0 | 10349* | 1809 | 33.7 | -20.8 | -6.4 | 82.0 | 86.9 | 0.0 | 221.9 | 101.7 | 85.1 | 216.3 |
| 17:52:00 | 32 41.9 | -94 43.7 | 130.0 | -1.9 | 130.0 | 1701 | 95.0* | 2.2 | 5.1* | 820.4 | 81.1 | 25.6 | 3.8 | -16.9 | -18.9 | 0.2 |
| 17:52:00 | 32 42.9 | -94 43.2 | 130.4 | -1.3 | 130.4 | 1708 | 94.7* | 2.1 | 4.9* | 250.5 | 81.1 | 25.8 | 2.8 | 13.0 | 13.0 | 0.0 |
| 17:52:00 | 32 41.8 | -94 44.1 | 129.9 | -1.5 | 129.9 | 1802 | 0.0 | 26.1 | -16.0 | 81.6 | 88.0 | 50.0 | 25.1 | 16.6 | 16.6 | 17.1 |
| 17:51:59 | 32 41.8 | -94 44.1 | 411.2 | 427.2 | 10349* | 1810 | 44.8 | -13.1 | -3.7 | 81.5 | 86.0 | 0.0 | 221.0 | 98.8 | 86.2 | 215.7 |
| 17:52:30 | 32 42.0 | -94 41.2 | 128.8 | 17.5 | 130.0 | 1701 | 86.0 | 1.9 | -0.3 | 820.6 | 79.9 | 24.7 | 3.3 | -16.9 | -18.9 | 0.2 |
| 17:52:30 | 32 43.0 | -94 40.8 | 129.2 | 18.0 | 130.4 | 1708 | 85.7 | 1.8 | -0.4 | 250.5 | 79.9 | 25.0 | 2.3 | 14.5 | 14.5 | 0.0 |
| 17:52:30 | 32 41.8 | -94 41.6 | 128.6 | 17.5 | 129.8 | 1803 | 0.0 | 22.3 | -17.4 | 80.1 | 86.7 | 50.0 | 25.4 | 18.3 | 18.3 | 17.8 |
| 17:52:29 | 32 41.8 | -94 41.6 | 410.4 | 426.3 | 10349* | 1811 | 32.9 | -16.4 | -5.0 | 80.1 | 84.4 | 0.0 | 219.3 | 89.1 | 84.4 | 214.0 |
| 17:53:00 | 32 42.2 | -94 38.8 | 127.7 | 16.8 | 128.8 | 1678 | 86.3 | 2.4 | -1.8 | 820.8 | 77.7 | 25.4 | 4.3 | -16.9 | -18.9 | 0.2 |
| 17:53:00 | 32 43.3 | -94 38.3 | 128.1 | 17.3 | 129.2 | 1686 | 86.0 | 2.2 | -2.0 | 250.5 | 77.7 | 25.6 | 3.4 | 12.7 | 12.7 | 0.0 |
| 17:53:00 | 32 42.1 | -94 39.2 | 127.6 | 16.4 | 128.7 | 1802 | 0.0 | 27.0 | -14.7 | 78.1 | 84.6 | 50.0 | 26.0 | 16.0 | 16.0 | 16.5 |
| 17:52:59 | 32 42.1 | -94 39.2 | 411.9 | 427.9 | 10349* | 1809 | 34.1 | -15.1 | -4.5 | 78.0 | 82.3 | 0.0 | 216.4 | 90.1 | 83.4 | 211.8 |
| 17:53:30 | 32 42.4 | -94 36.3 | 127.8 | 9.4 | 128.1 | 1689 | 89.8 | 2.5 | -1.4 | 821.1 | 77.0 | 25.2 | 4.3 | -16.9 | -18.9 | 0.2 |
| 17:53:30 | 32 43.5 | -94 35.8 | 128.1 | 9.9 | 128.5 | 1697 | 90.0 | 2.3 | -1.6 | 250.5 | 77.0 | 25.4 | 3.5 | 14.5 | 14.5 | 0.0 |
| 17:53:30 | 32 42.3 | -94 36.7 | 127.6 | 9.2 | 128.0 | 1796 | 0.0 | 27.8 | -14.2 | 77.3 | 83.9 | 50.0 | 26.2 | 17.3 | 17.3 | 16.5 |
| 17:53:29 | 32 42.3 | -94 36.7 | 411.9 | 427.9 | 10349* | 1806 | 32.5 | -15.8 | -4.7 | 77.3 | 81.5 | 0.0 | 215.4 | 93.7 | 83.2 | 210.8 |
| 17:54:00 | 32 42.6 | -94 33.9 | 126.2 | 22.4 | 128.1 | 1707 | 84.0 | 2.7 | -2.4* | 821.1 | 77.1 | 24.7 | 3.8 | -16.9 | -18.9 | 0.1 |
| 17:54:00 | 32 43.7 | -94 33.4 | 126.5 | 22.9 | 128.5 | 1717 | 83.8 | 2.6 | -2.5* | 250.6 | 77.2 | 24.9 | 3.0 | 13.9 | 13.9 | 0.0 |
| 17:54:00 | 32 42.5 | -94 34.3 | 126.1 | 22.0 | 128.0 | 1802 | 0.0 | 27.3 | -14.4 | 77.5 | 84.0 | 50.0 | 26.1 | 17.5 | 17.5 | 17.1 |
| 17:53:59 | 32 42.5 | -94 34.3 | 411.1 | 427.1 | 10348* | 1806 | 34.3 | -15.2 | -4.6 | 77.4 | 81.5 | 0.0 | 215.6 | 88.2 | 83.2 | 210.8 |
| 17:54:30 | 32 42.9 | -94 31.5 | 124.8 | -0.4 | 124.8 | 1721 | 95.7* | 2.9 | 12.2* | 820.5 | 75.0 | 24.0 | 3.6 | -16.9 | -18.9 | 0.3 |
| 17:54:30 | 32 44.0 | -94 31.0 | 125.1 | 0.1 | 125.1 | 1729 | 95.5* | 2.8 | 12.1* | 250.6 | 75.0 | 24.2 | 2.8 | 16.2 | 16.2 | 0.0 |
| 17:54:30 | 32 42.8 | -94 31.9 | 124.9 | 1.3 | 124.9 | 1799 | 0.0 | 34.0 | -11.2 | 74.7 | 82.3 | 50.0 | 26.7 | 19.9 | 19.9 | 17.4 |
| 17:54:29 | 32 42.8 | -94 31.9 | 410.9 | 426.8 | 10348* | 1806 | 19.5 | -25.8 | -8.3 | 75.2 | 80.7 | 0.0 | 212.7 | 97.4 | 83.7 | 208.1 |
| 17:55:00 | 32 42.9 | -94 29.1 | 124.2 | 11.1 | 124.7 | 1717 | 89.1 | 2.7 | -1.4* | 820.9 | 72.8 | 23.7 | 3.8 | -16.9 | -18.9 | 0.2 |
| 17:55:00 | 32 44.0 | -94 28.6 | 124.5 | 11.5 | 125.0 | 1726 | 88.8 | 2.5 | -1.6* | 250.5 | 72.8 | 23.9 | 3.1 | 15.4 | 15.4 | 0.0 |
| 17:55:00 | 32 42.8 | -94 29.5 | 124.2 | 10.7 | 124.6 | 1806 | 0.0 | 29.2 | -12.5 | 73.6 | 79.7 | 50.0 | 27.3 | 19.4 | 19.4 | 17.1 |
| 17:54:59 | 32 42.8 | -94 29.5 | 411.2 | 427.1 | 10349* | 1809 | 19.5 | -11.1 | -3.2 | 73.0 | 77.1 | 0.0 | 209.5 | 94.0 | 81.2 | 205.3 |
| 17:55:30 | 32 42.8 | -94 26.7 | 121.6 | -17.5 | 122.9 | 1730 | 103.0 | 2.2 | -1.2 | 820.7 | 71.8 | 24.4 | 4.7 | -16.9 | -18.9 | 0.2 |
| 17:55:30 | 32 43.9 | -94 26.2 | 121.9 | -17.1 | 123.1 | 1742 | 103.1 | 2.0 | -1.4 | 250.5 | 71.8 | 24.7 | 4.0 | 14.3 | 14.3 | 0.0 |
| 17:55:30 | 32 42.7 | -94 27.1 | 121.6 | -17.8 | 122.8 | 1805 | 0.0 | 26.4 | -13.4 | 72.1 | 78.3 | 50.0 | 27.5 | 18.6 | 18.6 | 16.0 |
| 17:55:29 | 32 42.7 | -94 27.1 | 412.5 | 428.5 | 10349* | 1812 | 33.6 | -16.4 | -5.0 | 72.0 | 75.9 | 0.0 | 208.1 | 107.5 | 82.1 | 204.3 |
| 17:56:00 | 32 42.5 | -94 24.4 | 121.6 | -18.8 | 123.0 | 1695 | 103.9 | 2.7 | -1.4 | 821.0 | 72.7 | 24.6 | 4.7 | -16.9 | -18.9 | 0.2 |
| 17:56:00 | 32 43.6 | -94 23.9 | 121.8 | -18.4 | 123.2 | 1711 | 103.6 | 2.5 | -1.6 | 250.5 | 72.8 | 24.9 | 4.0 | 13.8 | 13.8 | 0.0 |
| 17:56:00 | 32 42.4 | -94 24.8 | 121.5 | -19.1 | 123.0 | 1803 | 0.0 | 29.0 | -12.5 | 73.2 | 79.4 | 50.0 | 27.3 | 17.6 | 17.6 | 16.0 |
| 17:55:59 | 32 42.4 | -94 24.8 | 412.5 | 428.5 | 10349* | 1807 | 35.6 | -14.6 | -4.3 | 73.0 | 77.2 | 0.0 | 209.5 | 109.1 | 83.4 | 205.6 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 17:56:30 | 32 42.2 | -94 22.1 | 123.3 | -9.3 | 123.6 | 1730 | 97.1* | 3.5 | -17.5* | 821.5 | 71.7 | 24.5 | 4.9 | -16.9 | -18.9 | 0.3 |
| 17:56:30 | 32 43.3 | -94 21.5 | 123.5 | -8.9 | 123.8 | 1750 | 96.8* | 3.3 | -17.7* | 250.5 | 71.7 | 24.8 | 4.2 | 15.0 | 15.0 | 0.0 |
| 17:56:30 | 32 42.0 | -94 22.5 | 123.0 | -11.7 | 123.5 | 1803 | 0.0 | 33.3 | -10.1 | 72.4 | 78.6 | 50.0 | 27.6 | 18.0 | 18.0 | 15.9 |
| 17:56:29 | 32 42.0 | -94 22.5 | 412.7 | 428.8 | 10349* | 1806 | 23.0 | -10.9 | -3.4 | 71.9 | 75.6 | 0.0 | 208.0 | 102.5 | 81.1 | 204.3 |
| 17:57:00 | 32 42.2 | -94 19.7 | 124.3 | -0.0 | 124.3 | 1726 | 94.4 | 2.5 | -1.5* | 820.8 | 72.9 | 25.2 | 5.2 | -16.9 | -18.9 | 0.2 |
| 17:57:00 | 32 43.3 | -94 19.2 | 124.5 | 0.4 | 124.5 | 1745 | 94.1 | 2.3 | -1.7* | 250.5 | 72.9 | 25.5 | 4.5 | 12.8 | 12.8 |

A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 18:01:30 | 32 44.0 | -94 2.6 | -40.2 | -93.4 | 101.7 | 1206 | 204.7* | 3.2 | 18.0 | 873.1 | 64.5 | 26.9 | 8.7 | -16.9 | -18.9 | 0.3 |
| 18:01:30 | 32 45.1 | -94 2.0 | -39.9 | -93.3 | 101.5 | 1222 | 204.5* | 3.0 | 17.8 | 250.5 | 64.5 | 27.2 | 8.2 | 16.0 | 16.0 | 0.0 |
| 18:01:30 | 32 43.8 | -94 2.9 | -38.2 | -94.6 | 102.0 | 1271 | 0.0 | 35.9 | -6.6 | 65.7 | 71.3 | 50.0 | 29.5 | 19.6 | 19.6 | 12.1 |
| 18:01:29 | 32 43.8 | -94 2.9 | 418.4 | 434.7 | 10349* | 1277 | 32.9 | -12.5 | -3.1 | 64.7 | 69.5 | 0.0 | 197.5 | 201.9 | 94.2 | 195.9 |
| 18:02:00 | 32 43.0 | -94 4.1 | -108.9 | 1.2 | 108.9 | 1186 | 268.9* | 2.9 | 20.5* | 872.6 | 64.1 | 26.4 | 8.3 | -16.9 | -18.9 | 0.3 |
| 18:02:00 | 32 44.2 | -94 3.6 | -108.7 | 1.3 | 108.7 | 1198 | 268.7* | 2.7 | 20.3* | 250.6 | 64.1 | 26.8 | 7.9 | 16.2 | 16.2 | 0.0 |
| 18:02:00 | 32 42.8 | -94 4.4 | -108.6 | -1.3 | 108.6 | 1278 | 0.0 | 36.9 | -6.1 | 65.2 | 71.0 | 50.0 | 29.6 | 20.9 | 20.9 | 12.4 |
| 18:01:59 | 32 42.8 | -94 4.4 | 417.8 | 434.1 | 10348* | 1280 | 42.9 | -14.9 | -4.0 | 64.3 | 69.5 | 0.0 | 196.9 | 260.9 | 87.0 | 195.2 |
| 18:02:30 | 32 43.2 | -94 6.3 | -113.5 | 11.1 | 114.0 | 1188 | 273.3 | 2.1 | -1.3* | 875.2 | 67.7 | 26.6 | 7.7 | -16.9 | -18.9 | 0.3 |
| 18:02:30 | 32 44.4 | -94 5.7 | -113.3 | 11.2 | 113.9 | 1198 | 273.4 | 1.9 | -1.5* | 250.6 | 67.7 | 26.9 | 7.1 | 17.7 | 17.7 | 0.0 |
| 18:02:30 | 32 43.0 | -94 6.6 | -113.1 | 10.8 | 113.6 | 1261 | 0.0 | 31.8 | -9.5 | 68.4 | 74.6 | 50.0 | 28.6 | 20.4 | 20.4 | 13.0 |
| 18:02:29 | 32 43.0 | -94 6.6 | 416.9 | 433.1 | 10348* | 1262 | 33.4 | -16.1 | -4.8 | 68.0 | 71.9 | 0.0 | 202.3 | 267.6 | 86.4 | 200.0 |
| 18:03:00 | 32 43.2 | -94 8.5 | -116.8 | -7.8 | 117.0 | 1156 | 263.5 | 1.8 | 1.3 | 877.4 | 75.1 | 27.2 | 6.6 | -16.9 | -18.9 | 0.3 |
| 18:03:00 | 32 44.3 | -94 7.9 | -116.6 | -7.7 | 116.9 | 1169 | 263.3 | 1.7 | 1.1 | 250.5 | 75.1 | 27.5 | 5.9 | 18.7 | 18.7 | 0.0 |
| 18:03:00 | 32 43.0 | -94 8.8 | -116.5 | -8.4 | 116.8 | 1242 | 0.0 | 26.9 | -14.1 | 75.4 | 82.0 | 50.0 | 26.7 | 21.7 | 21.7 | 14.0 |
| 18:02:59 | 32 43.0 | -94 8.8 | 415.4 | 431.5 | 10349* | 1239 | 33.9 | -17.7 | -5.3 | 75.3 | 79.9 | 0.0 | 212.8 | 257.2 | 92.9 | 209.3 |
| 18:03:30 | 32 43.1 | -94 10.7 | -120.4 | -3.8 | 120.5 | 1149 | 265.6 | 0.3 | -1.7 | 879.1 | 80.1 | 27.8 | 6.1 | -16.9 | -18.9 | 0.2 |
| 18:03:30 | 32 44.3 | -94 10.2 | -120.3 | -3.7 | 120.3 | 1163 | 265.3 | 0.2 | -1.8 | 250.6 | 80.1 | 28.1 | 5.1 | 17.6 | 17.6 | 0.0 |
| 18:03:30 | 32 42.9 | -94 11.0 | -120.0 | -4.0 | 120.0 | 1229 | 0.0 | 25.5 | -16.0 | 80.6 | 87.0 | 50.0 | 25.4 | 21.6 | 21.6 | 14.5 |
| 18:03:29 | 32 42.9 | -94 11.0 | 414.6 | 430.7 | 10348* | 1223 | 35.0 | -13.3 | -3.8 | 80.4 | 84.7 | 0.0 | 219.5 | 260.8 | 95.1 | 215.3 |
| 18:04:00 | 32 43.0 | -94 13.1 | -122.1 | -3.6 | 122.2 | 1120 | 265.8 | 2.2 | -1.1 | 882.1 | 82.5 | 29.1 | 6.7 | -16.9 | -18.9 | 0.2 |
| 18:04:00 | 32 44.2 | -94 12.5 | -122.0 | -3.6 | 122.0 | 1136 | 265.5 | 2.1 | -1.2 | 250.6 | 82.6 | 29.3 | 5.7 | 16.8 | 16.8 | 0.0 |
| 18:04:00 | 32 42.8 | -94 13.4 | -121.9 | -4.0 | 122.0 | 1188 | 0.0 | 24.3 | -17.4 | 83.1 | 89.8 | 50.0 | 24.7 | 20.3 | 20.3 | 13.9 |
| 18:03:59 | 32 42.8 | -94 13.4 | 415.5 | 431.7 | 10348* | 1189 | 37.6 | -14.5 | -4.2 | 82.8 | 87.3 | 0.0 | 222.8 | 260.8 | 96.8 | 218.5 |
| 18:04:30 | 32 43.0 | -94 15.4 | -122.5 | -3.2 | 122.5 | 1111 | 266.6 | 1.7 | 1.1* | 882.0 | 77.7 | 27.5 | 6.3 | -16.9 | -18.9 | 0.2 |
| 18:04:30 | 32 44.1 | -94 14.8 | -122.3 | -3.2 | 122.4 | 1128 | 266.6 | 1.5 | 0.9* | 250.5 | 77.7 | 27.8 | 5.4 | 19.7 | 19.7 | 0.0 |
| 18:04:30 | 32 42.7 | -94 15.7 | -122.2 | -3.7 | 122.2 | 1191 | 0.0 | 27.0 | -14.9 | 78.5 | 84.8 | 50.0 | 26.0 | 22.9 | 22.9 | 14.3 |
| 18:04:29 | 32 42.7 | -94 15.7 | 414.9 | 431.1 | 10349* | 1191 | 34.6 | -11.9 | -3.3 | 78.1 | 82.7 | 0.0 | 216.3 | 262.2 | 90.2 | 212.5 |
| 18:05:00 | 32 43.0 | -94 17.8 | -122.0 | 1.2 | 122.0 | 1087 | 268.8 | 0.8 | -1.7 | 882.9 | 80.4 | 28.2 | 6.4 | -16.9 | -18.9 | 0.2 |
| 18:05:00 | 32 44.1 | -94 17.2 | -121.9 | 1.2 | 121.9 | 1103 | 268.6 | 0.7 | -1.9 | 250.5 | 80.4 | 28.5 | 5.5 | 18.9 | 18.9 | 0.0 |
| 18:05:00 | 32 42.7 | -94 18.0 | -121.6 | 0.8 | 121.6 | 1191 | 0.0 | 20.4 | -18.3 | 80.4 | 87.3 | 50.0 | 25.3 | 21.9 | 21.9 | 14.2 |
| 18:04:59 | 32 42.7 | -94 18.0 | 415.1 | 431.2 | 10349* | 1187 | 38.2 | -19.2 | -5.9 | 80.5 | 85.1 | 0.0 | 219.9 | 263.9 | 94.1 | 215.8 |
| 18:05:30 | 32 43.0 | -94 20.1 | -122.0 | 0.6 | 122.0 | 1074 | 267.6 | 2.3 | -3.0* | 886.1 | 82.0 | 28.5 | 6.3 | -16.9 | -18.9 | 0.2 |
| 18:05:30 | 32 44.2 | -94 19.5 | -121.9 | 0.7 | 121.9 | 1089 | 267.3 | 2.1 | -3.1* | 250.5 | 82.0 | 28.8 | 5.3 | 19.9 | 19.9 | 0.0 |
| 18:05:30 | 32 42.7 | -94 20.4 | -121.8 | 0.6 | 121.8 | 1154 | 0.0 | 26.0 | -16.5 | 82.6 | 89.4 | 50.0 | 24.9 | 22.3 | 22.3 | 14.2 |
| 18:05:29 | 32 42.7 | -94 20.4 | 415.0 | 431.1 | 10349* | 1150 | 33.4 | -14.1 | -4.3 | 82.3 | 86.9 | 0.0 | 222.1 | 262.7 | 96.2 | 217.7 |
| 18:06:00 | 32 43.0 | -94 22.5 | -123.5 | -1.5 | 123.5 | 992 | 268.0 | 2.8 | -1.7* | 892.1 | 84.2 | 29.4 | 6.7 | -16.9 | -18.9 | 0.2 |
| 18:06:00 | 32 44.2 | -94 21.9 | -123.4 | -1.4 | 123.4 | 1008 | 267.7 | 2.6 | -1.8* | 250.6 | 84.2 | 29.6 | 5.6 | 19.7 | 19.7 | 0.0 |
| 18:06:00 | 32 42.7 | -94 22.7 | -123.3 | -1.7 | 123.4 | 1090 | 0.0 | 25.7 | -17.4 | 84.3 | 91.6 | 50.0 | 24.3 | 23.2 | 23.2 | 13.9 |
| 18:05:59 | 32 42.7 | -94 22.7 | 415.5 | 431.6 | 10348* | 1090 | 33.5 | -19.7 | -6.4 | 84.4 | 88.9 | 0.0 | 225.0 | 263.7 | 97.3 | 220.5 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 18:06:30 | 32 43.0 | -94 24.8 | -122.1 | -0.3 | 122.1 | 985 | 267.2 | 2.1 | -1.4 | 892.4 | 82.2 | 29.5 | 7.2 | -16.9 | -18.9 | 0.2 |
| 18:06:30 | 32 44.1 | -94 24.2 | -122.0 | -0.2 | 122.0 | 1002 | 267.3 | 1.9 | -1.5 | 250.5 | 82.2 | 29.7 | 6.1 | 18.1 | 18.1 | 0.0 |
| 18:06:30 | 32 42.7 | -94 25.1 | -121.8 | -0.7 | 121.8 | 1090 | 0.0 | 23.6 | -17.7 | 82.7 | 89.5 | 50.0 | 24.8 | 21.7 | 21.7 | 13.4 |
| 18:06:29 | 32 42.7 | -94 25.1 | 416.2 | 432.3 | 10349* | 1088 | 39.0 | -16.2 | -4.8 | 82.5 | 87.2 | 0.0 | 222.4 | 261.8 | 96.8 | 218.4 |
| 18:07:00 | 32 43.0 | -94 27.1 | -119.5 | -1.1 | 119.5 | 999 | 269.0 | 1.9 | -3.7 | 892.5 | 76.8 | 29.0 | 7.8 | -16.9 | -18.9 | 0.2 |
| 18:07:00 | 32 44.1 | -94 26.6 | -119.5 | -1.0 | 119.5 | 1017 | 268.8 | 1.8 | -3.9 | 250.5 | 76.9 | 29.2 | 7.0 | 20.1 | 20.1 | 0.0 |
| 18:07:00 | 32 42.7 | -94 27.4 | -119.1 | -1.1 | 119.1 | 1090 | 0.0 | 25.5 | -15.5 | 77.3 | 84.0 | 50.0 | 26.2 | 22.8 | 22.8 | 12.8 |
| 18:06:59 | 32 42.7 | -94 27.4 | 417.2 | 433.4 | 10349* | 1089 | 39.2 | -17.3 | -5.5 | 77.2 | 80.9 | 0.0 | 215.2 | 266.2 | 92.5 | 212.0 |
| 18:07:30 | 32 43.0 | -94 29.4 | -120.2 | -0.2 | 120.2 | 975 | 267.1 | 2.1 | -0.9 | 892.7 | 78.1 | 29.1 | 7.7 | -16.9 | -18.9 | 0.2 |
| 18:07:30 | 32 44.1 | -94 28.8 | -120.1 | -0.1 | 120.1 | 993 | 266.8 | 2.0 | -1.0 | 250.6 | 78.1 | 29.4 | 6.8 | 19.2 | 19.2 | 0.0 |
| 18:07:30 | 32 42.7 | -94 29.7 | -119.8 | -0.6 | 119.8 | 1087 | 0.0 | 28.0 | -14.6 | 78.1 | 85.4 | 50.0 | 25.9 | 21.8 | 21.8 | 12.9 |
| 18:07:29 | 32 42.7 | -94 29.7 | 417.0 | 433.2 | 10348* | 1087 | 37.2 | -22.0 | -7.1 | 78.3 | 82.7 | 0.0 | 216.9 | 260.1 | 94.1 | 213.5 |
| 18:08:00 | 32 43.0 | -94 31.7 | -120.7 | -0.6 | 120.7 | 995 | 267.9 | 1.9 | -1.4 | 892.5 | 77.7 | 29.2 | 7.9 | -16.9 | -18.9 | 0.2 |
| 18:08:00 | 32 44.1 | -94 31.2 | -120.7 | -0.5 | 120.7 | 1011 | 267.6 | 1.7 | -1.6 | 250.5 | 77.7 | 29.4 | 7.0 | 19.2 | 19.2 | 0.0 |
| 18:08:00 | 32 42.7 | -94 32.0 | -120.3 | -0.7 | 120.3 | 1085 | 0.0 | 28.2 | -14.2 | 78.5 | 84.9 | 50.0 | 26.0 | 22.3 | 22.3 | 12.8 |
| 18:07:59 | 32 42.7 | -94 32.0 | 417.2 | 433.5 | 10349* | 1086 | 33.6 | -12.3 | -3.5 | 78.0 | 83.0 | 0.0 | 216.4 | 264.0 | 92.6 | 213.1 |
| 18:08:30 | 32 43.0 | -94 34.1 | -120.6 | -0.3 | 120.6 | 976 | 267.3 | 2.5 | -1.1 | 892.6 | 78.5 | 29.6 | 8.1 | -16.9 | -18.9 | 0.2 |
| 18:08:30 | 32 44.1 | -94 33.5 | -120.6 | -0.3 | 120.6 | 992 | 267.4 | 2.3 | -1.2 | 250.6 | 78.5 | 29.9 | 7.2 | 18.4 | 18.4 | 0.0 |
| 18:08:30 | 32 42.7 | -94 34.3 | -120.3 | -0.7 | 120.3 | 1084 | 0.0 | 28.6 | -14.4 | 79.2 | 85.9 | 50.0 | 25.8 | 21.8 | 21.8 | 12.6 |
| 18:08:29 | 32 42.7 | -94 34.3 | 417.5 | 433.8 | 10348* | 1084 | 37.3 | -14.2 | -4.1 | 78.8 | 83.7 | 0.0 | 217.5 | 262.3 | 94.0 | 214.2 |
| 18:09:00 | 32 42.9 | -94 36.4 | -121.4 | -0.6 | 121.4 | 975 | 267.1 | 1.6 | -3.1* | 892.3 | 78.0 | 29.6 | 8.2 | -16.9 | -18.9 | 0.2 |
| 18:09:00 | 32 44.1 | -94 35.8 | -121.4 | -0.6 | 121.4 | 990 | 266.9* | 1.5 | -3.2* | 250.5 | 78.0 | 29.9 | 7.4 | 19.1 | 19.1 | 0.0 |
| 18:09:00 | 32 42.7 | -94 36.6 | -121.0 | -0.8 | 121.0 | 1095 | 0.0 | 19.5 | -18.0 | 78.3 | 84.9 | 50.0 | 25.9 | 22.1 | 22.1 | 12.5 |
| 18:08:59 | 32 42.7 | -94 36.6 | 417.7 | 434.0 | 10349* | 1091 | 35.8 | -17.2 | -5.3 | 78.1 | 82.0 | 0.0 | 216.7 | 261.4 | 92.6 | 213.5 |
| 18:09:30 | 32 42.9 | -94 38.7 | -119.8 | -2.4 | 119.8 | 960 | 267.1 | 1.5 | -2.1 | 891.9 | 74.2 | 29.1 | 8.6 | -16.9 | -18.9 | 0.2 |
| 18:09:30 | 32 44.1 | -94 38.1 | -119.7 | -2.3 | 119.8 | 973 | 266.9 | 1.3 | -2.2 | 250.5 | 74.2 | 29.4 | 7.8 | 19.3 | 19.3 | 0.0 |
| 18:09:30 | 32 42.6 | -94 38.9 | -119.3 | -2.6 | 119.3 | 1098 | 0.0 | 22.1 | -16.2 | 75.1 | 81.1 | 50.0 | 26.9 | 22.5 | 22.5 | 12.2 |
| 18:09:29 | 32 42.6 | -94 38.9 | 418.3 | 434.6 | 10349* | 1094 | 41.0 | -13.1 | -4.1 | 74.4 | 79.0 | 0.0 | 211.6 | 263.1 | 89.3 | 208.9 |
| 18:10:00 | 32 42.9 | -94 41.0 | -119.3 | 0.9 | 119.3 | 970 | 267.4 | 2.4 | -0.6* | 892.5 | 75.6 | 29.3 | 8.5 | -16.9 | -18.9 | 0.1 |
| 18:10:00 | 32 44.1 | -94 40.4 | -119.3 | 0.9 | 119.3 | 986 | 267.1 | 2.3 | -0.7* | 250.6 | 75.6 | 29.6 | 7.7 | 19.0 | 19.0 | 0.0 |
| 18:10:00 | 32 42.6 | -94 41.2 | -118.8 | 0.5 | 118.8 | 1084 | 0.0 | 25.4 | -14.9 | 76.1 | 82.5 | 50.0 | 26.5 | 21.2 | 21.2 | 12.3 |
| 18:09:59 | 32 42.6 | -94 41.2 | 418.1 | 434.4 | 10348* | 1088 | 44.5 | -15.9 | -4.8 | 75.9 | 80.1 | 0.0 | 213.5 | 261.0 | 92.1 | 210.7 |
| 18:10:30 | 32 42.9 | -94 43.3 | -121.7 | 0.3 | 121.7 | 953 | 268.0 | 2.6 | -1.5* | 893.5 | 79.4 | 29.6 | 7.9 | -16.9 | -18.9 | 0.3 |
| 18:10:30 | 32 44.1 | -94 42.7 | -121.7 | 0.3 | 121.7 | 966 | 268.0 | 2.5 | -1.6* | 250.5 | 79.4 | 29.9 | 7.0 | 18.7 | 18.7 | 0.0 |
| 18:10:30 | 32 42.6 | -94 43.5 | -121.4 | -0.1 | 121.4 | 1076 | 0.0 | 25.8 | -15.7 | 79.9 | 86.5 | 50.0 | 25.5 | 22.1 | 22.1 | 12.7 |
| 18:10:29 | 32 42.6 | -94 43.5 | 417.3 | 433.5 | 10349* | 1077 | 41.6 | -15.2 | -4.5 | 79.7 | 84.1 | 0.0 | 218.7 | 263.2 | 93.9 | 215.2 |
| 18:11:00 | 32 42.9 | -94 45.6 | -118.2 | 0.9 | 118.2 | 977 | 268.1 | 2.4 | -1.3 | 892.4 | 75.8 | 29.5 | 8.5 | -16.9 | -18.9 | 0.3 |
| 18:11:00 | 32 44.1 | -94 45.0 | -118.2 | 0.9 | 118.2 | 992 | 267.9 | 2.2 | -1.4 | 250.6 | 75.8 | 29.7 | 7.7 | 18.7 | 18.7 | 0.0 |
| 18:11:00 | 32 42.6 | -94 45.8 | -117.7 | 0.7 | 117.7 | 1083 | 0.0 | 25.3 | -15.0 | 76.5 | 82.7 | 50.0 | 26.5 | 21.9 | 21.9 | 12.2 |
| 18:10:59 | 32 42.6 | -94 45.8 | 418.2 | 434.5 | 10348* | 1088 | 43.2 | -13.3 | -3.9 | 76.1 | 80.8 | 0.0 | 213.8 | 263.5 | 93.1 | 210.9 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 18:11:30 | 32 42.9 | -94 47.8 | -117.1 | 0.8 | 117.1 | 964 | 268.3 | 3.2 | -1.2* | 892.7 | 71.8 | 29.0 | 9.0 | -16.9 | -18.9 | 0.3 |
| 18:11:30 | 32 44.1 | -94 47.3 | -117.1 | 0.8 | 117.1 | 978 | 268.1 | 3.0 | -1.3* | 250.5 | 71.8 | 29.3 | 8.3 | 19.1 | 19.1 | 0.0 |
| 18:11:30 | 32 42.6 | -94 48.0 | -116.6 | 0.6 | 116.6 | 1082 | 0.0 | 32.6 | -10.5 | 72.7 | 78.7 | 50.0 | 27.5 | 22.0 | 22.0 | 11.8 |
| 18:11:29 | 32 42.6 | -94 48.0 | 418.9 | 435.2 | 10349* | 1084 | 40.7 | -11.0 | -3.1 | 72.1 | 75.7 | 0.0 | 208.2 | 264.2 | 89.1 | 205.9 |
| 18:12:00 | 32 43.0 | -94 50.1 | -115.8 | 1.9 | 115.9 | 987 | 268.2 | 2.9 | -1.2 | 892.7 | 72.7 | 29.1 | 8.9 | -16.9 | -18.9 | 0.2 |
| 18:12:00 | 32 44.1 | -94 49.5 | -115.9 | 1.9 | 115.9 | 1003 | 268.0 | 2.7 | -1.3 | 250.6 | 72.7 | 29.4 | 8.1 | 18.8 | 18.8 | 0.0 |
| 18:12:00 | 32 42.7 | -94 50.3 | -115.4 | 1.7 | 115.4 | 1082 | 0.0 | 33.2 | -10.6 | 73.6 | 79.7 | 50.0 | 27.3 | 22.0 | 22.0 | 11.9 |
| 18:11:59 | 32 42.6 | -94 50.3 | 418.7 | 435.0 | 10348* | 1084 | 36.7 | -12.4 | -3.5 | 73.1 | 77.2 | 0.0 | 209.5 | 263.2 | 91.7 | 207.1 |
| 18:12:30 | 32 43.0 | -94 52.3 | -115.0 | 0.9 | 115.0 | 970 | 268.4 | 2.3 | -1.1 | 892.9 | 72.8 | 29.2 | 9.0 | -16.9 | -18.9 | 0.2 |
| 18:12:30 | 32 44.1 | -94 51.7 | -115.1 | 0.9 | 115.1 | 985 | 268.5 | 2.2 | -1.3 | 250.5 | 72.8 | 29.6 | 8.3 | 19.0 | 19.0 | 0.0 |
| 18:12:30 | 32 42.7 | -94 52.5 | -114.4 | 0.5 | 114.4 | 1080 | 0.0 | 24.7 | -14.4 | 72.9 | 79.7 | 50.0 | 27.3 | 22.4 | 22.4 | 11.8 |
| 18:12:29 | 32 42.7 | -94 52.5 | 418.9 | 435.2 | 10349* | 1085 | 40.9 | -21.3 | -6.9 | 72.9 | 77.4 | 0.0 | 209.6 | 262.4 | 92.7 | 207.3 |
| 18:13:00 | 32 43.0 | -94 54.5 | -114.3 | 1.5 | 114.3 | 938 | 267.7 | 2.9 | -0.8 | 892.5 | 71.2 | 29.1 | 9.2 | -16.9 | -18.9 | 0.3 |
| 18:13:00 | 32 44.2 | -94 53.9 | -114.4 | 1.5 | 114.4 | 953 | 267.5 | 2.7 | -0.9 | 250.5 | 71.2 | 29.4 | 8.5 | 18.8 | 18.8 | 0.0 |
| 18:13:00 | 32 42.7 | -94 54.6 | -113.7 | 1.5 | 113.7 | 1078 | 0.0 | 29.7 | -11.8 | 72.5 | 78.3 | 50.0 | 27.7 | 22.1 | 22.1 | 11.6 |
| 18:12:59 | 32 42.7 | -94 54.7 | 419.2 | 435.6 | 10349* | 1085 | 42.9 | -8.4 | -2.2 | 71.5 | 76.3 | 0.0 | 207.3 | 263.0 | 91.3 | 205.2 |
| 18:13:30 | 32 43.1 | -94 56.7 | -112.5 | 27.4 | 115.8 | 947 | 282.5* | 3.1 | 25.3 | 891.3 | 71.0 | 29.2 | 9.4 | -16.9 | -18.9 | 0.3 |
| 18:13:30 | 32 44.2 | -94 56.1 | -112.6 | 27.4 | 115.9 | 963 | 282.3* | 3.0 | 25.2 | 250.5 | 71.0 | 29.5 | 8.7 | 18.7 | 18.7 | 0.0 |
| 18:13:30 | 32 42.7 | -94 56.8 | -112.6 | 24.6 | 115.2 | 1083 | 0.0 | 36.5 | -8.7 | 71.9 | 78.2 | 50.0 | 27.8 | 22.0 | 22.0 | 11.5 |
| 18:13:29 | 32 42.7 | -94 56.8 | 419.5 | 435.9 | 10349* | 1087 | 41.4 | -14.3 | -3.7 | 71.2 | 76.9 | 0.0 | 207.0 | 275.1 | 89.7 | 205.0 |
| 18:14:00 | 32 44.4 | -94 58.1 | -22.4 | 119.9 | 121.9 | 937 | 350.8* | 1.4 | 23.0 | 895.4 | 70.8 | 29.2 | 9.4 | -16.9 | -18.9 | 0.3 |
| 18:14:00 | 32 45.6 | -94 57.6 | -22.6 | 119.9 | 122.0 | 949 | 351.0* | 1.2 | 22.8 | 250.6 | 70.9 | 29.6 | 8.8 | 19.1 | 19.1 | 0.0 |
| 18:14:00 | 32 44.0 | -94 58.3 | -23.7 | 119.2 | 121.6 | 1045 | 0.0 | 25.9 | -13.3 | 71.8 | 77.5 | 50.0 | 27.8 | 22.1 | 22.1 | 11.4 |
| 18:13:59 | 32 44.1 | -94 58.3 | 419.5 | 435.9 | 10348* | 1054 | 40.5 | -11.8 | -3.2 | 71.2 | 75.7 | 0.0 | 206.8 | 348.3 | 82.9 | 204.8 |
| 18:14:30 | 32 46.3 | -94 58.7 | -80.8 | 95.9 | 125.4 | 840 | 316.6* | 1.1 | -24.2* | 907.1 | 75.6 | 30.8 | 9.8 | -16.9 | -18.9 | 0.3 |
| 18:14:30 | 32 47.5 | -94 58.2 | -80.9 | 95.8 | 125.4 | 853 | 316.5* | 0.9 | -24.3* | 250.5 | 75.6 | 31.0 | 9.0 | 19.4 | 19.4 | 0.0 |
| 18:14:30 | 32 45.9 | -94 58.9 | -78.5 | 97.0 | 124.8 | 943 | 0.0 | 28.9 | -13.6 | 76.0 | 82.7 | 50.0 | 26.5 | 22.1 | 22.1 | 11.1 |
| 18:14:29 | 32 45.9 | -94 58.9 | 420.1 | 436.5 | 10349* | 951 | 43.1 | -16.6 | -5.3 | 75.9 | 79.3 | 0.0 | 213.5 | 312.6 | 86.0 | 211.2 |
| 18:15:00 | 32 47.0 | -95 0.9 | -122.5 | -17.8 | 123.8 | 745 | 258.2* | 0.7* | -25.7* | 916.4 | 81.4 | 32.2 | 9.8 | -16.9 | -18.9 | 0.3 |
| 18:15:00 | 32 48.2 | -95 0.3 | -122.4 | -17.9 | 123.7 | 755 | 258.0* | -0.6 | -24.7 | 250.6 | 81.4 | 32.4 | 8.8 | 20.0 | 20.0 | 0.0 |
| 18:15:00 | 32 46.7 | -95 1.0 | -122.0 | -15.5 | 123.0 | 855 | 0.0 | 30.2 | -14.7 | 81.3 | 88.8 | 50.0 | 25.0 | 22.7 | 22.7 | 11.1 |
| 18:14:59 | 32 46.7 | -95 1.0 | 420.1 | 436.5 | 10348* | 860 | 44.2 | -19.8 | -6.5 | 81.7 | 85.3 | 0.0 | 221.3 | 254.2 | 94.8 | 218.3 |
| 18:15:30 | 32 45.8 | -95 2.7 | -42.0 | -113.7 | 121.2 | 575 | 198.6* | 0.6 | -32.1 | 931.6 | 87.0 | 33.4 | 9.8 | -16.9 | -18.9 | 0.3 |
| 18:15:30 | 32 47.0 | -95 2.1 | -42.0 | -113.7 | 121.2 | 585 | 198.3* | 0.5 | -32.2 | 250.6 | 87.0 | 33.6 | 8.6 | 20.3 | 20.3 | 0.0 |
| 18:15:30 | 32 45.5 | -95 2.8 | -45.6 | -113.0 | 121.9 | 692 | 0.0 | 31.2 | -16.0 | 87.2 | 94.7 | 50.0 | 23.6 | 22.5 | 22.5 | 11.2 |
| 18:15:29 | 32 45.5 | -95 2.8 | 420.1 | 436.4 | 10348* | 714 | 40.3 | -17.6 | -5.7 | 87.4 | 91.3 | 0.0 | 228.6 | 198.3 | 103.6 | 225.0 |
| 18:16:00 | 32 44.2 | -95 2.0 | 89.4 | -74.5 | 116.4 | 547 | 132.3 | 2.6* | -4.4* | 936.4 | 79.9 | 33.7 | 11.6 | -16.9 | -18.8 | 0.3 |
| 18:16:00 | 32 45.3 | -95 1.4 | 89.5 | -74.4 | 116.4 | 561 | 132.0 | 2.4* | -4.5* | 250.6 | 79.9 | 33.9 | 10.6 | 20.1 | 20.1 | 0.0 |
| 18:16:00 | 32 43.8 | -95 2.2 | 90.2 | -75.1 | 117.4 | 651 | 0.0 | 36.5 | -11.0 | 79.8 | 87.6 | 50.0 | 25.4 | 22.7 | 22.7 | 9.8 |
| 18:15:59 | 32 43.8 | -95 2.1 | 422.7 | 439.2 | 10348* | 664 | 40.1 | -23.4 | -7.6 | 80.2 | 84.4 | 0.0 | 219.3 | 132.5 | 100.8 | 217.2 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 18:16:30 | 32 43.1 | -95 0.2 | 97.6 | -57.7 | 113.4 | 535 | 124.1* | 2.1 | -4.3* | 934.8 | 75.8 | 33.4 | 12.2 | -16.9 | -18.9 | 0.2 |
| 18:16:30 | 32 44.3 | -94 59.6 | 97.6 | -57.6 | 113.4 | 551 | 123.7* | 1.9 | -4.4* | 250.5 | 75.9 | 33.7 | 11.4 | 20.2 | 20.2 | 0.0 |
| 18:16:30 | 32 42.8 | -95 0.3 | 98.1 | -58.4 | 114.2 | 674 | 0.0 | 22.4 | -16.5 | 76.8 | 83.2 | 50.0 | 26.5 | 22.4 | 22.4 | 9.4 |
| 18:16:29 | 32 42.8 | -95 0.3 | 423.7 | 440.3 | 10349* | 681 | 34.6 | -14.9 | -4.4 | 76.1 | 81.6 | 0.0 | 213.8 | 126.5 | 99.2 | 212.4 |
| 18:17:00 | 32 42.7 | -94 58.1 | 117.0 | -2.2 | 117.1 | 525 | 94.9 | 2.4 | 0.6* | 934.5 | 75.1 | 33.2 | 12.2 | -16.9 | -18.9 | 0.3 |
| 18:17:00 | 32 43.8 | -94 57.5 | 117.0 | -2.1 | 117.0 | 540 | 94.6 | 2.2 | 0.5* | 250.6 | 75.1 | 33.6 | 11.4 | 20.2 | 20.2 | 0.0 |
| 18:17:00 | 32 42.3 | -94 58.2 | 117.9 | -2.3 | 117.9 | 

A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 18:21:30 | 32 43.0 | -94 38.3 | 115.6 | 0.2 | 115.6 | 510 | 94.4 | 2.6 | -4.3* | 938.0 | 71.9 | 33.2 | 12.9 | -16.9 | -18.9 | 0.2 |
| 18:21:30 | 32 44.1 | -94 37.7 | 115.4 | 0.3 | 115.4 | 525 | 94.5 | 2.5 | -4.4* | 250.5 | 72.0 | 33.5 | 12.2 | 19.1 | 19.1 | 0.0 |
| 18:21:30 | 32 42.5 | -94 38.3 | 116.3 | -0.8 | 116.3 | 648 | 0.0 | 29.4 | -12.1 | 73.0 | 79.0 | 50.0 | 27.5 | 21.7 | 21.7 | 9.0 |
| 18:21:29 | 32 42.5 | -94 38.2 | 424.7 | 441.3 | 10349* | 655 | 43.5 | -10.3 | -2.8 | 72.2 | 75.7 | 0.0 | 208.4 | 99.3 | 92.6 | 207.5 |
| 18:22:00 | 32 43.0 | -94 36.0 | 117.2 | 2.7 | 117.2 | 534 | 92.8 | 1.8 | -1.5 | 937.3 | 79.9 | 33.5 | 11.4 | -16.9 | -18.9 | 0.3 |
| 18:22:00 | 32 44.2 | -94 35.5 | 117.0 | 2.8 | 117.0 | 551 | 92.6 | 1.6 | -1.7 | 250.5 | 80.0 | 33.8 | 10.5 | 20.0 | 20.0 | 0.0 |
| 18:22:00 | 32 42.6 | -94 36.0 | 118.0 | 2.3 | 118.0 | 650 | 0.0 | 23.0 | -17.4 | 80.2 | 87.2 | 50.0 | 25.4 | 22.2 | 22.2 | 10.0 |
| 18:21:59 | 32 42.6 | -94 36.0 | 422.5 | 439.0 | 10349* | 662 | 39.3 | -19.6 | -6.0 | 80.1 | 83.3 | 0.0 | 219.4 | 94.9 | 100.3 | 217.2 |
| 18:22:30 | 32 43.0 | -94 33.8 | 117.1 | 1.7 | 117.1 | 551 | 93.4 | 3.0 | -1.2 | 937.7 | 76.2 | 33.2 | 11.9 | -16.9 | -18.9 | 0.3 |
| 18:22:30 | 32 44.2 | -94 33.2 | 116.9 | 1.8 | 116.9 | 566 | 93.1 | 2.8 | -1.4 | 250.6 | 76.2 | 33.5 | 11.1 | 19.8 | 19.8 | 0.0 |
| 18:22:30 | 32 42.6 | -94 33.7 | 117.9 | 1.2 | 117.9 | 649 | 0.0 | 29.2 | -13.4 | 77.1 | 83.5 | 50.0 | 26.4 | 22.2 | 22.2 | 9.6 |
| 18:22:29 | 32 42.6 | -94 33.7 | 423.3 | 439.8 | 10348* | 656 | 40.1 | -13.0 | -3.6 | 76.6 | 81.0 | 0.0 | 214.3 | 97.0 | 96.1 | 212.7 |
| 18:23:00 | 32 43.1 | -94 31.5 | 117.3 | 2.1 | 117.3 | 553 | 93.3 | 2.8 | -1.6* | 937.5 | 74.4 | 33.1 | 12.3 | -16.9 | -18.9 | 0.3 |
| 18:23:00 | 32 44.2 | -94 31.0 | 117.1 | 2.2 | 117.1 | 569 | 93.0 | 2.6 | -1.7* | 250.5 | 74.4 | 33.4 | 11.5 | 19.7 | 19.7 | 0.0 |
| 18:23:00 | 32 42.6 | -94 31.5 | 118.0 | 1.4 | 118.0 | 647 | 0.0 | 35.8 | -9.5 | 75.5 | 81.6 | 50.0 | 26.8 | 21.9 | 21.9 | 9.4 |
| 18:22:59 | 32 42.6 | -94 31.5 | 423.8 | 440.3 | 10349* | 656 | 39.1 | -9.6 | -2.4 | 74.7 | 79.3 | 0.0 | 211.8 | 97.7 | 93.8 | 210.5 |
| 18:23:30 | 32 43.1 | -94 29.3 | 116.7 | 1.7 | 116.7 | 556 | 92.5 | 2.7 | -1.2* | 937.9 | 73.2 | 33.0 | 12.4 | -16.9 | -18.9 | 0.2 |
| 18:23:30 | 32 44.3 | -94 28.7 | 116.5 | 1.8 | 116.6 | 573 | 92.6 | 2.5 | -1.3* | 250.6 | 73.2 | 33.3 | 11.6 | 19.9 | 19.9 | 0.0 |
| 18:23:30 | 32 42.6 | -94 29.2 | 117.5 | 1.6 | 117.5 | 645 | 0.0 | 31.3 | -11.6 | 73.5 | 80.4 | 50.0 | 27.1 | 22.3 | 22.3 | 9.3 |
| 18:23:29 | 32 42.6 | -94 29.2 | 424.0 | 440.5 | 10348* | 657 | 42.8 | -20.6 | -6.5 | 73.4 | 77.4 | 0.0 | 210.2 | 93.4 | 92.4 | 209.1 |
| 18:24:00 | 32 43.1 | -94 27.0 | 119.3 | 2.8 | 119.3 | 560 | 92.4 | 1.8 | -0.9 | 937.9 | 77.5 | 33.4 | 11.8 | -16.9 | -18.9 | 0.2 |
| 18:24:00 | 32 44.3 | -94 26.5 | 119.1 | 2.9 | 119.1 | 576 | 92.2 | 1.7 | -1.0 | 250.6 | 77.5 | 33.7 | 10.9 | 18.9 | 18.9 | 0.0 |
| 18:24:00 | 32 42.7 | -94 26.9 | 119.9 | 2.6 | 120.0 | 644 | 0.0 | 31.5 | -12.7 | 77.4 | 84.9 | 50.0 | 26.0 | 22.1 | 22.1 | 9.7 |
| 18:23:59 | 32 42.7 | -94 26.9 | 423.1 | 439.6 | 10348* | 657 | 44.6 | -24.9 | -8.3 | 77.6 | 82.5 | 0.0 | 216.1 | 93.3 | 95.1 | 214.3 |
| 18:24:30 | 32 43.2 | -94 24.7 | 118.5 | -1.0 | 118.6 | 551 | 94.4 | 2.7 | -1.6 | 937.5 | 79.5 | 33.2 | 11.2 | -16.9 | -18.9 | 0.2 |
| 18:24:30 | 32 44.3 | -94 24.2 | 118.4 | -0.9 | 118.4 | 568 | 94.1 | 2.5 | -1.8 | 250.6 | 79.5 | 33.5 | 10.3 | 20.7 | 20.7 | 0.0 |
| 18:24:30 | 32 42.7 | -94 24.7 | 119.3 | -1.6 | 119.4 | 649 | 0.0 | 29.9 | -14.1 | 79.9 | 86.9 | 50.0 | 25.5 | 22.8 | 22.8 | 10.1 |
| 18:24:29 | 32 42.7 | -94 24.6 | 422.2 | 438.7 | 10348* | 659 | 39.3 | -17.6 | -5.4 | 79.7 | 84.2 | 0.0 | 218.8 | 96.9 | 98.3 | 216.6 |
| 18:25:00 | 32 43.1 | -94 22.5 | 118.4 | -1.2 | 118.4 | 583 | 94.1 | 2.5 | -1.6 | 937.6 | 74.5 | 33.0 | 12.1 | -16.9 | -18.9 | 0.3 |
| 18:25:00 | 32 44.3 | -94 21.9 | 118.2 | -1.0 | 118.2 | 598 | 93.8 | 2.3 | -1.7 | 250.6 | 74.5 | 33.2 | 11.3 | 20.7 | 20.7 | 0.0 |
| 18:25:00 | 32 42.6 | -94 22.4 | 119.1 | -1.6 | 119.1 | 647 | 0.0 | 28.5 | -13.3 | 75.2 | 81.8 | 50.0 | 26.8 | 22.8 | 22.8 | 9.5 |
| 18:24:59 | 32 42.6 | -94 22.3 | 423.5 | 440.0 | 10348* | 659 | 39.0 | -16.4 | -5.0 | 74.8 | 79.1 | 0.0 | 212.0 | 96.2 | 92.4 | 210.6 |
| 18:25:30 | 32 43.1 | -94 20.2 | 117.4 | -0.7 | 117.4 | 579 | 94.2 | 2.9 | -1.4 | 937.5 | 77.5 | 32.8 | 11.3 | -16.9 | -18.9 | 0.2 |
| 18:25:30 | 32 44.3 | -94 19.7 | 117.2 | -0.6 | 117.2 | 593 | 94.3 | 2.7 | -1.6 | 250.5 | 77.5 | 33.1 | 10.4 | 20.4 | 20.4 | 0.0 |
| 18:25:30 | 32 42.6 | -94 20.1 | 118.1 | -1.2 | 118.2 | 645 | 0.0 | 25.3 | -15.4 | 78.7 | 84.7 | 50.0 | 26.0 | 22.3 | 22.3 | 10.0 |
| 18:25:29 | 32 42.6 | -94 20.1 | 422.3 | 438.8 | 10349* | 659 | 37.3 | -9.3 | -2.4 | 77.8 | 82.2 | 0.0 | 216.1 | 98.0 | 97.2 | 214.1 |
| 18:26:00 | 32 43.1 | -94 18.0 | 117.3 | -0.5 | 117.3 | 563 | 93.6 | 2.1 | -0.7* | 936.9 | 72.7 | 32.5 | 12.1 | -16.9 | -18.9 | 0.3 |
| 18:26:00 | 32 44.3 | -94 17.4 | 117.1 | -0.3 | 117.1 | 582 | 93.3 | 1.9 | -0.8* | 250.6 | 72.7 | 32.9 | 11.4 | 20.9 | 20.9 | 0.0 |
| 18:26:00 | 32 42.6 | -94 17.8 | 117.9 | -0.7 | 117.9 | 652 | 0.0 | 21.1 | -16.0 | 73.7 | 79.6 | 50.0 | 27.3 | 22.9 | 22.9 | 9.5 |
| 18:25:59 | 32 42.6 | -94 17.8 | 423.5 | 440.0 | 10348* | 667 | 41.7 | -12.8 | -3.7 | 72.9 | 77.4 | 0.0 | 209.4 | 96.1 | 91.2 | 208.2 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 18:26:30 | 32 43.1 | -94 15.7 | 117.8 | -0.4 | 117.8 | 560 | 93.9 | 2.8 | -1.8* | 937.9 | 73.7 | 32.7 | 12.0 | -16.9 | -18.9 | 0.2 |
| 18:26:30 | 32 44.3 | -94 15.2 | 117.6 | -0.3 | 117.6 | 577 | 93.6 | 2.6 | -2.0* | 250.6 | 73.7 | 33.0 | 11.2 | 20.2 | 20.2 | 0.0 |
| 18:26:30 | 32 42.6 | -94 15.6 | 118.4 | -1.1 | 118.4 | 642 | 0.0 | 28.0 | -13.3 | 74.9 | 80.9 | 50.0 | 27.0 | 22.4 | 22.4 | 9.5 |
| 18:26:29 | 32 42.6 | -94 15.5 | 423.4 | 439.9 | 10348* | 658 | 36.4 | -11.1 | -3.0 | 74.1 | 78.9 | 0.0 | 210.9 | 97.3 | 92.2 | 209.6 |
| 18:27:00 | 32 43.1 | -94 13.5 | 117.1 | -0.9 | 117.1 | 598 | 93.9 | 2.0 | -2.3 | 936.8 | 76.2 | 32.7 | 11.5 | -16.9 | -18.9 | 0.3 |
| 18:27:00 | 32 44.3 | -94 12.9 | 116.9 | -0.7 | 116.9 | 615 | 93.6 | 1.8 | -2.4 | 250.6 | 76.3 | 33.0 | 10.6 | 20.3 | 20.3 | 0.0 |
| 18:27:00 | 32 42.6 | -94 13.3 | 117.7 | -1.8 | 117.7 | 653 | 0.0 | 22.4 | -16.4 | 77.8 | 83.3 | 50.0 | 26.4 | 22.3 | 22.3 | 9.9 |
| 18:26:59 | 32 42.6 | -94 13.3 | 422.5 | 439.1 | 10348* | 668 | 38.9 | -4.3 | -0.7 | 76.6 | 80.3 | 0.0 | 214.4 | 98.2 | 96.0 | 212.6 |
| 18:27:30 | 32 43.1 | -94 11.2 | 116.9 | -1.4 | 117.0 | 594 | 93.3 | 1.9 | -1.4* | 937.0 | 75.8 | 32.6 | 11.5 | -16.9 | -18.9 | 0.2 |
| 18:27:30 | 32 44.3 | -94 10.7 | 116.7 | -1.2 | 116.8 | 610 | 93.3 | 1.7 | -1.5* | 250.5 | 75.8 | 32.9 | 10.7 | 20.8 | 20.8 | 0.0 |
| 18:27:30 | 32 42.5 | -94 11.0 | 117.5 | -1.9 | 117.5 | 650 | 0.0 | 25.2 | -15.1 | 77.0 | 82.9 | 50.0 | 26.5 | 22.7 | 22.7 | 9.9 |
| 18:27:29 | 32 42.5 | -94 11.0 | 422.6 | 439.1 | 10349* | 665 | 37.2 | -7.0 | -1.8 | 76.1 | 79.9 | 0.0 | 213.7 | 96.0 | 95.2 | 212.0 |
| 18:28:00 | 32 43.1 | -94 9.0 | 117.0 | -1.0 | 117.1 | 582 | 93.5 | 2.0 | -1.2 | 937.2 | 80.4 | 33.3 | 11.1 | -16.9 | -18.9 | 0.2 |
| 18:28:00 | 32 44.3 | -94 8.4 | 116.8 | -0.8 | 116.8 | 596 | 93.3 | 1.9 | -1.4 | 250.5 | 80.4 | 33.6 | 10.2 | 20.3 | 20.3 | 0.0 |
| 18:28:00 | 32 42.5 | -94 8.8 | 117.7 | -1.3 | 117.7 | 652 | 0.0 | 27.1 | -15.8 | 80.8 | 87.8 | 50.0 | 25.3 | 22.7 | 22.7 | 10.2 |
| 18:27:59 | 32 42.5 | -94 8.8 | 422.0 | 438.5 | 10349* | 663 | 35.6 | -18.1 | -5.7 | 80.7 | 85.2 | 0.0 | 219.9 | 94.7 | 100.7 | 217.6 |
| 18:28:30 | 32 43.6 | -94 6.9 | 81.6 | 90.1 | 121.6 | 595 | 42.8* | 2.7* | -24.1* | 937.4 | 75.3 | 32.8 | 11.8 | -16.9 | -18.9 | 0.2 |
| 18:28:30 | 32 44.9 | -94 6.4 | 81.3 | 90.3 | 121.5 | 612 | 42.4* | 2.6* | -24.3* | 250.6 | 75.3 | 33.1 | 11.0 | 20.0 | 20.0 | 0.0 |
| 18:28:30 | 32 43.1 | -94 6.7 | 84.1 | 87.9 | 121.7 | 651 | 0.0 | 34.9 | -10.7 | 75.2 | 83.0 | 50.0 | 26.6 | 22.2 | 22.2 | 9.7 |
| 18:28:29 | 32 43.1 | -94 6.7 | 423.0 | 439.5 | 10348* | 668 | 35.6 | -26.2 | -9.0 | 75.4 | 79.7 | 0.0 | 213.1 | 43.1 | 89.9 | 211.5 |
| 18:29:00 | 32 45.5 | -94 6.0 | 56.2 | 108.9 | 122.5 | 584 | 30.3* | 3.2 | 25.5 | 937.0 | 75.3 | 32.9 | 11.8 | -16.9 | -18.9 | 0.2 |
| 18:29:00 | 32 46.7 | -94 5.5 | 55.9 | 109.1 | 122.5 | 602 | 30.1* | 3.0 | 25.3 | 250.6 | 75.3 | 33.1 | 11.0 | 19.8 | 19.8 | 0.0 |
| 18:29:00 | 32 44.9 | -94 5.8 | 53.9 | 110.2 | 122.7 | 645 | 0.0 | 34.7 | -11.0 | 75.5 | 83.0 | 50.0 | 26.6 | 22.2 | 22.2 | 9.7 |
| 18:28:59 | 32 44.9 | -94 5.8 | 423.1 | 439.6 | 10348* | 658 | 37.1 | -23.8 | -7.5 | 75.5 | 80.7 | 0.0 | 213.1 | 27.1 | 89.0 | 211.5 |
| 18:29:30 | 32 46.4 | -94 4.2 | 116.0 | -7.1 | 116.2 | 546 | 97.7* | -1.0 | 22.9 | 939.9 | 73.6 | 32.8 | 12.2 | -16.9 | -18.9 | 0.2 |
| 18:29:30 | 32 47.6 | -94 3.7 | 115.8 | -6.9 | 116.0 | 562 | 97.9* | -1.1 | 22.7 | 250.6 | 73.6 | 33.1 | 11.4 | 20.1 | 20.1 | 0.0 |
| 18:29:30 | 32 45.9 | -94 4.0 | 116.5 | -4.8 | 116.6 | 618 | 0.0 | 33.6 | -10.9 | 75.2 | 80.8 | 50.0 | 27.0 | 22.3 | 22.3 | 9.4 |
| 18:29:29 | 32 45.9 | -94 3.9 | 423.6 | 440.1 | 10348* | 630 | 41.5 | -2.7 | 0.1 | 74.0 | 79.1 | 0.0 | 210.7 | 100.1 | 93.0 | 209.5 |
| 18:30:00 | 32 45.3 | -94 2.5 | 35.7 | -110.0 | 115.7 | 449 | 164.9* | 1.5 | 23.4* | 951.8 | 82.2 | 34.5 | 11.8 | -16.9 | -18.9 | 0.2 |
| 18:30:00 | 32 46.5 | -94 2.0 | 35.6 | -109.9 | 115.5 | 464 | 164.7* | 1.4 | 23.2* | 250.5 | 82.2 | 34.7 | 10.8 | 20.4 | 20.4 | 0.0 |
| 18:30:00 | 32 44.8 | -94 2.3 | 38.8 | -109.6 | 116.2 | 514 | 0.0 | 30.8 | -14.6 | 83.1 | 89.7 | 50.0 | 24.8 | 22.2 | 22.2 | 9.7 |
| 18:29:59 | 32 44.8 | -94 2.3 | 423.0 | 439.6 | 10349* | 519 | 29.7 | -11.6 | -2.9 | 82.5 | 87.8 | 0.0 | 222.3 | 164.3 | 104.4 | 220.1 |
| 18:30:30 | 32 43.7 | -94 3.1 | -87.8 | -70.1 | 112.4 | 443 | 232.2* | 2.7 | 23.9* | 952.2 | 75.5 | 33.9 | 12.7 | -16.9 | -18.9 | 0.3 |
| 18:30:30 | 32 44.9 | -94 2.6 | -87.9 | -70.1 | 112.5 | 455 | 232.2* | 2.5 | 23.7* | 250.5 | 75.5 | 34.1 | 11.9 | 20.3 | 20.3 | 0.0 |
| 18:30:30 | 32 43.1 | -94 2.8 | -86.0 | -72.4 | 112.4 | 510 | 0.0 | 33.6 | -11.4 | 76.5 | 82.8 | 50.0 | 26.6 | 22.2 | 22.2 | 9.1 |
| 18:30:29 | 32 43.1 | -94 2.8 | 424.5 | 441.1 | 10349* | 515 | 38.7 | -13.0 | -3.4 | 75.8 | 80.7 | 0.0 | 213.3 | 228.5 | 99.8 | 212.1 |
| 18:31:00 | 32 43.4 | -94 5.2 | -112.7 | 4.9 | 112.9 | 408 | 270.1 | 2.5 | -0.3 | 953.3 | 69.9 | 33.7 | 13.9 | -16.9 | -18.8 | 0.3 |
| 18:31:00 | 32 44.6 | -94 4.7 | -113.0 | 4.9 | 113.1 | 423 | 269.9 | 2.4 | -0.4 | 250.6 | 69.9 | 34.0 | 13.2 | 20.3 | 20.3 | 0.0 |
| 18:31:00 | 32 42.8 | -94 4.8 | -112.5 | 4.6 | 112.6 | 512 | 0.0 | 30.5 | -10.9 | 71.0 | 76.8 | 50.0 | 28.0 | 22.2 | 22.2 | 8.4 |
| 18:30:59 | 32 42.8 | -94 4.9 | 426.1 | 442.8 | 10348* | 514 | 40.5 | -10.4 | -2.6 | 70.2 | 74.4 | 0.0 | 205.4 | 265.9 | 92.6 | 205.1 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 18:31:30 | 32 43.5 | -94 7.3 | -114.0 | 6.3 | 114.1 | 429 | 270.3 | 2.9* | -3.6* | 954.4 | 74.3 | 34.4 | 13.5 | -16.9 | -18.9 | 0.2 |
| 18:31:30 | 32 44.7 | -94 6.8 | -114.2 | 6.3 | 114.4 | 446 | 270.0 | 1.7 | -2.0* | 250.5 | 74.3 | 34.8 | 12.8 | 20.5 | 20.5 | 0.0 |
| 18:31:30 | 32 42.9 | -94 7.0 | -113.7 | 6.4 | 113.8 | 497 | 0.0 | 32.6 | -11.1 | 75.8 | 81.6 | 50.0 | 26.9 | 22.2 | 22.2 | 8.6 |
| 18:31:29 | 32 42.9 | -94 7.0 | 425.6 | 442.3 | 10349* | 501 | 35.9 | -4.7 | -0.7 | 74.5 | 79.6 | 0.0 | 211.6 | 267.2 | 97.0 | 210.8 |
| 18:32:00 | 32 43.4 | -94 9.5 | -110.5 | -10.2 | 111.0 | 429 | 262.5 | 3.3 | -1.8 | 954.8 | 69.1 | 33.8 | 14.1 | -16.9 | -18.9 | 0.3 |
| 18:32:00 | 32 44.6 | -94 9.0 | -110.7 | -10.1 | 111.2 | 444 | 262.2 | 3.1 | -1.9 | 250.5 | 69.1 | 34.1 | 13.5 | 20.6 | 20.6 | 0.0 |
| 18:32:00 | 32 42.8 | -94 9.2 | -110.3 | -10.4 | 110.8 | 499 | 0.0 | 28.8 | -11.3 | 69.6 | 76.0 | 50.0 | 28.2 | 22.3 | 22.3 | 8.3 |
| 18:31:59 | 32 42.8 | -94 9.2 | 426.4 | 443.1 | 10349* | 501 | 39.5 | -18.0 | -5.4 | 69.3 | 73.1 | 0.0 | 204.3 | 257.2 | 93.6 | 204.2 |
| 18:32:30 | 32 43.2 | -94 11.6 | -108.7 | -10.4 | 109.2 | 434 | 263.0* | 3.0 | -0.9* | 954.0 | 67.1 | 33.5 | 14.2 | -16.9 | -18.9 | 0.2 |
| 18:32:30 | 32 44.4 | -94 11.1 | -108.9 | -10.3 | 109.4 | 451 | 263.1* | 2.9 | -1.1* | 250.5 | 67.1 | 33.8 | 13.7 | 20.7 | 20.7 | 0.0 |
| 18:32:30 | 32 42.6 | -94 11.3 | -108.4 | -10.3 | 108.9 | 499 | 0.0 | 31.8 | -9.3 | 68.7 | 73.9 | 50.0 | 28.8 | 22.2 | 22.2 | 8.2 |
| 18:32:29 | 32 42.6 | -94 11.3 | 426.7 | 443.4 | 10349* | 505 | 41.5 | -5.2 | -1.0 | 67.4 | 71.5 | 0.0 | 201.4 | 260.9 | 92.4 | 201.4 |
| 18:33:00 | 32 43.0 | -94 13.7 | -107.9 | -8.4 | 108.2 | 429 | 263.5 | 4.0 | -0.9 | 955.1 | 66.0 | 33.3 | 14.4 | -16.9 | -18.9 | 0.2 |
| 18:33:00 | 32 44.3 | -94 13.2 | -108.1 | -8.4 | 108.4 | 444 | 263.3 | 3.8 | -1.1 | 250.6 | 66.0 | 33.6 | 13.8 | 20.7 | 20.7 | 0.0 |
| 18:33:00 | 32 42.5 | -94 13.3 | -107.8 | -8.7 | 108.1 | 490 | 0.0 | 32.4 | -8.6 | 66.7 | 72.8 | 50.0 | 29.1 | 22.3 | 22.3 | 8.1 |
| 18:32:59 | 32 42.5 | -94 13.3 | 426.9 | 443.6 | 10348* | 498 | 35.9 | -17.8 | -5.6 | 66.2 | 70.3 | 0.0 | 199.7 | 258.2 | 92.1 | 199.9 |
| 18:33:30 | 32 42.9 | -94 15.7 | -109.3 | 3.4 | 109.3 | 406 | 269.3* | 2.8 | 1.8 | 954.3 | 65.1 | 33.9 | 15.1 | -16.9 | -18.8 | 0.2 |
| 18:33:30 | 32 44.2 | -94 15.3 | -109.5 | 3.5 | 109.6 | 420 | 269.0* | 2.7 | 1.6 | 250.6 | 65.1 | 34.2 | 14.6 | 20.6 | 20.6 | 0.0 |
| 18:33:30 | 32 42.4 | -94 15.4 | -109.0 | 3.2 | 109.0 | 495 | 0.0 | 34.6 | -7.6 | 66.5 | 72.0 | 50.0 | 29.3 | 22.3 | 22.3 | 7.7 |
| 18:33:29 | 32 42.4 | -94 15.4 | 427.9 | 444.7 | 10348* | 502 | 37.6 | -8.2 | -2.2 | 65.4 | 69.8 | 0.0 | 198.4 | 264.9 | 89.9 | 198.9 |
| 18:34:00 | 32 43.0 | -94 17.9 | -112.6 | 8.7 | 113.0 | 393 | 271.8 | 2.5 | 0.3 | 954.8 | 70.0 | 34.1 | 14.1 | -16.9 | -18.9 | 0.1 |
| 18:34:00 | 32 44.3 | -94 17.4 | -112.8 | 8.8 | 113.2 | 408 | 271.5 | 2.4 | 0.1 | 250.6 | 70.0 | 34.4 | 13.5 | 20.9 | 20.9 | 0.0 |
| 18:34:00 | 32 42.5 | -94 17.5 | -112.5 | 8.5 | 112.8 | 491 | 0.0 | 28.3 | -11.9 | 70.6 | 76.9 | 50.0 | 28.0 | 22.4 | 22.4 | 8.2 |
| 18:33:59 | 32 42.5 | -94 17.5 | 426.5 | 443.2 | 10348* | 500 | 39.7 | -16.9 | -5.2 | 70.2 | 74.8 | 0.0 | 205.6 | 265.7 | 93.0 | 205.4 |
| 18:34:30 | 32 43.2 | -94 20.0 | -114.7 | 0.7 | 114.7 | 411 | 268.2 | 2.2* | -2.1 | 954.4 | 71.5 | 33.9 | 13.7 | -16.9 | -18.9 | 0.2 |
| 18:34:30 | 32 44.4 | -94 19.6 | -114.9 | 0.8 | 114.9 | 426 | 268.2 | 2.0* | -2.2 | 250.6 | 71.5 | 34.3 | 13.0 | 20.8 | 20.8 | 0.0 |
| 18:34:30 | 32 42.6 | -94 19.7 | -114.6 | 0.6 | 114.6 | 502 | 0.0 | 21.6 | -15.2 | 72.4 | 78.2 | 50.0 | 27.6 | 22.4 | 22.4 | 8.5 |
| 18:34:29 | 32 42.6 | -94 19.7 | 425.8 | 442.5 | 10348* | 506 | 38.3 | -13.1 | -3.9 | 71.7 | 75.4 | 0.0 | 207.7 | 263.8 | 92.8 | 207.2 |
| 18:35:00 | 32 43.1 | -94 22.3 | -116.4 | -0.6 | 116.4 | 426 | 268.0 | 2.7 | -0.8* | 954.5 | 76.2 | 34.3 | 13.0 | -16.9 | -18.9 | 0.2 |
| 18:35:00 | 32 44.4 | -94 21.8 | -116.6 | -0.4 | 116.6 | 441 | 267.8 | 2.5 | -1.0* | 250.5 | 76.2 | 34.6 | 12.2 | 20.8 | 20.8 | 0.0 |
| 18:35:00 | 32 42.6 | -94 21.9 | -116.3 | -0.8 | 116.3 | 495 | 0.0 | 28.1 | -14.0 | 76.9 | 83.5 | 50.0 | 26.4 | 22.4 | 22.4 | 8.9 |
| 18:34:59 | 32 42.6 | -94 21.9 | 424.8 | 441.5 | 10349* | 502 | 35.7 | -15.9 | -4.6 | 76.5 | 80.1 | 0.0 | 214.3 | 263.8 | 96.9 | 213.1 |
| 18:35:30 | 32 43.1 | -94 24.5 | -117.6 | -0.7 | 117.6 | 388 | 267.1 | 2.4 | -0.7 | 953.9 | 79.1 | 34.6 | 12.6 | -16.9 | -18.9 | 0.2 |
| 18:35:30 | 32 44.4 | -94 24.1 | -117.8 | -0.5 | 117.8 | 409 | 266.8 | 2.2 | -0.8 | 250.5 | 79.1 | 34.8 | 11.6 | 20.7 | 20.7 | 0.0 |
| 18:35:30 | 32 42.5 | -94 24.2 | -117.6 | -0.7 | 117.6 | 495 | 0.0 | 25.3 | -16.0 | 80.4 | 86.4 | 50.0 | 25.6 | 22.6 | 22.6 | 9.2 |
| 18:35:29 | 32 42.5 | -94 24.2 | 424.2 | 440.8 | 10349* | 504 | 39.9 | -7.2 | -1.8 | 79.5 | 84.1 | 0.0 | 218.2 | 263.6 | 99.3 | 216.6 |
| 18:36:00 | 32 43.1 | -94 26.8 | -121.3 | -0.8 | 121.3 | 400 | 266.9 | 1.0* | -2.0* | 953.9 | 82.3 | 35.2 | 12.5 | -16.9 | -18.9 | 0.3 |
| 18:36:00 | 32 44.4 | -94 26.3 | -121.5 | -0.7 | 121.5 | 419 | 266.6 | 0.9* | -2.1* | 250.6 | 82.4 | 35.5 | 11.5 | 20.5 | 20.5 | 0.0 |
| 18:36:00 | 32 42.5 | -94 26.4 | -121.3 | -0.6 | 121.3 | 503 | 0.0 | 7.2 | -25.1 | 83.9 | 89.5 | 50.0 | 24.8 | 22.2 | 22.2 | 9.3 |
| 18:35:59 | 32 42.5 | -94 26.5 | 424.0 | 440.6 | 10348* | 509 | 35.1 | -9.2 | -3.0 | 82.3 | 87.4 | 0.0 | 222.6 | 262.9 | 99.6 | 220.5 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 18:36:30 | 32 43.1 | -94 29.1 | -118.5 | -0.1 | 118.5 | 410 | 267.7* | 2.3 | -1.9* | 953.9 | 77.0 | 35.3 | 13.7 | -16.9 | -18.9 | 0.3 |
| 18:36:30 | 32 44.4 | -94 28.7 | -118.6 | 0.1 | 118.6 | 425 | 267.8* | 2.1 | -2.1* | 250.6 | 77.0 | 35.6 | 12.8 | 20.1 | 20.1 | 0.0 |
| 18:36:30 | 32 42.5 | -94 28.8 | -118.5 | 0.3 | 118.5 | 489 | 0.0 | 27.1 | -14.9 | 78.9 | 84.5 | 50.0 | 26.2 | 22.3 | 22.3 | 8.5 |
| 18:36:29 | 32 42.5 | -94 28.8 | 425.9 | 442.6 | 10348* | 502 | 43.1 | 1.2 | 0.9 | 77.4 | 82.0 | 0.0 | 215.4 | 266.2 | 96.0 | 214.3 |
| 18:37:00 | 32 43.1 | -94 31.4 | -115.9 | 3.5 | 115.9 | 376 | 270.1 | 3.0 | -1.4* | 954.7 | 75.7 | 35.0 | 13.7 | -16.9 | -18.9 | 0.2 |
| 18:37:00 | 32 44.4 | -94 30.9 | -116.0 | 3.7 | 116.1 | 390 | 269.9 | 2.8 | -1.5* | 250.5 | 75.7 | 35.2 | 12.9 | 19.9 | 19.9 | 0.0 |
| 18:37:00 | 32 42.6 | -94 31.0 | -116.0 | 3.3 | 116.0 | 486 | 0.0 | 31.0 | -12.5 | 76.4 | 83.0 | 50.0 | 26.5 | 21.9 | 21.9 | 8.5 |
| 18:36:59 | 32

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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 18:41:30 | 32 43.1 | -94 50.9 | -111.5 | -1.9 | 111.5 | 384 | 266.5* | 2.9* | -0.5* | 955.2 | 70.5 | 34.9 | 14.8 | -16.9 | -18.9 | 0.2 |
| 18:41:30 | 32 44.4 | -94 50.5 | -111.5 | -1.6 | 111.5 | 399 | 266.2* | 2.8* | -0.6* | 250.5 | 70.5 | 35.3 | 14.2 | 20.1 | 20.1 | 0.0 |
| 18:41:30 | 32 42.5 | -94 50.6 | -111.8 | -2.2 | 111.8 | 494 | 0.0 | 20.4 | -15.7 | 70.6 | 77.3 | 50.0 | 27.9 | 22.1 | 22.1 | 7.8 |
| 18:41:29 | 32 42.5 | -94 50.6 | 427.6 | 444.3 | 10349* | 495 | 26.8 | -22.4 | -7.3 | 70.5 | 74.2 | 0.0 | 206.3 | 259.7 | 95.5 | 206.3 |
| 18:42:00 | 32 43.1 | -94 53.0 | -113.2 | 4.5 | 113.3 | 366 | 270.8 | 3.0 | -1.3 | 955.2 | 69.8 | 34.5 | 14.6 | -16.9 | -18.9 | 0.3 |
| 18:42:00 | 32 44.4 | -94 52.6 | -113.2 | 4.8 | 113.3 | 381 | 270.5 | 2.8 | -1.5 | 250.5 | 69.9 | 34.9 | 14.0 | 20.4 | 20.4 | 0.0 |
| 18:42:00 | 32 42.5 | -94 52.7 | -113.6 | 4.5 | 113.7 | 490 | 0.0 | 34.3 | -8.9 | 70.5 | 76.7 | 50.0 | 28.0 | 22.3 | 22.3 | 8.0 |
| 18:41:59 | 32 42.5 | -94 52.7 | 427.2 | 444.0 | 10349* | 491 | 42.5 | -16.4 | -4.9 | 70.1 | 73.6 | 0.0 | 205.4 | 266.5 | 92.3 | 205.4 |
| 18:42:30 | 32 43.2 | -94 55.2 | -111.8 | 5.1 | 111.9 | 340 | 270.6 | 3.1 | -1.8 | 955.1 | 69.5 | 34.6 | 14.7 | -16.9 | -18.9 | 0.2 |
| 18:42:30 | 32 44.5 | -94 54.8 | -111.7 | 5.5 | 111.8 | 356 | 270.7 | 2.9 | -2.0 | 250.5 | 69.5 | 34.9 | 14.1 | 20.2 | 20.2 | 0.0 |
| 18:42:30 | 32 42.6 | -94 54.9 | -112.1 | 5.4 | 112.2 | 488 | 0.0 | 26.6 | -12.6 | 70.8 | 76.4 | 50.0 | 28.1 | 22.0 | 22.0 | 7.9 |
| 18:42:29 | 32 42.6 | -94 54.9 | 427.4 | 444.1 | 10349* | 492 | 42.7 | -9.6 | -2.5 | 69.9 | 73.3 | 0.0 | 204.9 | 267.2 | 93.3 | 204.9 |
| 18:43:00 | 32 43.3 | -94 57.3 | -110.2 | 5.0 | 110.3 | 347 | 271.5 | 3.3 | -2.0* | 954.9 | 64.6 | 34.5 | 15.8 | -16.9 | -18.9 | 0.2 |
| 18:43:00 | 32 44.6 | -94 56.9 | -110.1 | 5.3 | 110.3 | 361 | 271.3 | 3.1 | -2.1* | 250.5 | 64.6 | 34.8 | 15.3 | 20.1 | 20.1 | 0.0 |
| 18:43:00 | 32 42.7 | -94 57.0 | -110.5 | 5.2 | 110.6 | 486 | 0.0 | 34.9 | -7.3 | 65.6 | 71.7 | 50.0 | 29.5 | 22.3 | 22.3 | 7.4 |
| 18:42:59 | 32 42.7 | -94 57.0 | 429.0 | 445.8 | 10349* | 491 | 33.7 | -14.7 | -4.5 | 64.9 | 69.2 | 0.0 | 197.8 | 268.0 | 88.4 | 198.6 |
| 18:43:30 | 32 44.1 | -94 59.1 | -54.5 | 101.8 | 115.4 | 356 | 332.4* | 2.6 | 23.6* | 954.0 | 67.5 | 34.8 | 15.4 | -16.9 | -18.9 | 0.2 |
| 18:43:30 | 32 45.4 | -94 58.7 | -54.5 | 102.2 | 115.8 | 371 | 332.2* | 2.5 | 23.4* | 250.5 | 67.5 | 35.1 | 14.8 | 20.3 | 20.3 | 0.0 |
| 18:43:30 | 32 43.5 | -94 58.8 | -57.3 | 100.5 | 115.7 | 490 | 0.0 | 36.2 | -7.6 | 68.8 | 74.7 | 50.0 | 28.7 | 22.2 | 22.2 | 7.6 |
| 18:43:29 | 32 43.5 | -94 58.8 | 428.3 | 445.1 | 10349* | 493 | 36.4 | -13.3 | -3.3 | 67.8 | 72.5 | 0.0 | 202.1 | 327.5 | 87.2 | 202.5 |
| 18:44:00 | 32 45.9 | -94 59.4 | -23.0 | 112.7 | 115.1 | 373 | 347.3* | 3.9 | -26.1 | 954.8 | 64.5 | 34.7 | 16.0 | -16.9 | -18.9 | 0.3 |
| 18:44:00 | 32 47.2 | -94 58.9 | -22.9 | 113.2 | 115.5 | 385 | 347.3* | 3.7 | -26.2 | 250.5 | 64.5 | 35.0 | 15.5 | 20.3 | 20.3 | 0.0 |
| 18:44:00 | 32 45.3 | -94 59.1 | -20.3 | 113.3 | 115.1 | 488 | 0.0 | 39.4 | -5.3 | 66.2 | 71.7 | 50.0 | 29.5 | 22.4 | 22.4 | 7.2 |
| 18:43:59 | 32 45.3 | -94 59.1 | 429.3 | 446.1 | 10349* | 494 | 29.2 | -5.8 | -1.6 | 64.8 | 68.9 | 0.0 | 197.6 | 349.9 | 83.4 | 198.5 |
| 18:44:30 | 32 47.2 | -95 0.8 | -109.5 | 29.3 | 113.3 | 378 | 282.0* | 3.5 | -24.5* | 955.7 | 71.1 | 35.2 | 14.9 | -16.9 | -18.9 | 0.3 |
| 18:44:30 | 32 48.5 | -95 0.4 | -109.4 | 29.6 | 113.3 | 393 | 282.0* | 3.3 | -24.6* | 250.6 | 71.1 | 35.5 | 14.2 | 20.2 | 20.2 | 0.0 |
| 18:44:30 | 32 46.6 | -95 0.5 | -109.3 | 31.7 | 113.8 | 489 | 0.0 | 36.8 | -8.6 | 71.4 | 78.5 | 50.0 | 27.7 | 22.3 | 22.3 | 7.8 |
| 18:44:29 | 32 46.6 | -95 0.5 | 427.7 | 444.4 | 10348* | 490 | 36.9 | -21.0 | -7.3 | 71.3 | 74.5 | 0.0 | 207.2 | 278.9 | 94.1 | 207.2 |
| 18:45:00 | 32 46.7 | -95 2.7 | -68.2 | -82.4 | 107.0 | 355 | 218.1* | 3.1 | -23.9* | 955.0 | 68.6 | 35.1 | 15.4 | -16.9 | -18.9 | 0.2 |
| 18:45:00 | 32 48.0 | -95 2.3 | -68.0 | -82.0 | 106.5 | 371 | 218.0* | 2.9 | -24.0* | 250.5 | 68.6 | 35.4 | 14.8 | 20.2 | 20.2 | 0.0 |
| 18:45:00 | 32 46.2 | -95 2.4 | -70.7 | -80.6 | 107.2 | 491 | 0.0 | 34.6 | -8.9 | 69.3 | 75.9 | 50.0 | 28.4 | 22.6 | 22.6 | 7.5 |
| 18:44:59 | 32 46.2 | -95 2.5 | 428.5 | 445.3 | 10349* | 494 | 38.3 | -18.4 | -5.8 | 68.8 | 72.5 | 0.0 | 203.6 | 216.9 | 97.0 | 204.0 |
| 18:45:30 | 32 45.1 | -95 2.9 | 51.0 | -97.5 | 110.0 | 314 | 152.8* | 2.1 | -24.4 | 957.9 | 75.4 | 35.4 | 14.2 | -16.9 | -18.9 | 0.2 |
| 18:45:30 | 32 46.4 | -95 2.5 | 51.3 | -96.9 | 109.7 | 330 | 152.6* | 2.0 | -24.5 | 250.6 | 75.4 | 35.7 | 13.4 | 20.3 | 20.3 | 0.0 |
| 18:45:30 | 32 44.5 | -95 2.7 | 48.5 | -98.6 | 109.9 | 468 | 0.0 | 34.3 | -11.1 | 75.5 | 82.7 | 50.0 | 26.6 | 22.2 | 22.2 | 8.2 |
| 18:45:29 | 32 44.5 | -95 2.7 | 426.6 | 443.3 | 10348* | 468 | 42.5 | -21.3 | -7.0 | 75.5 | 78.7 | 0.0 | 213.2 | 153.5 | 102.4 | 212.5 |
| 18:46:00 | 32 44.2 | -95 1.1 | 117.5 | -7.7 | 117.7 | 270 | 97.2 | 1.2 | -2.5* | 963.6 | 77.4 | 36.4 | 14.6 | -16.9 | -18.9 | 0.2 |
| 18:46:00 | 32 45.5 | -95 0.7 | 117.7 | -7.1 | 117.9 | 287 | 96.9* | 1.1 | -2.6* | 250.6 | 77.5 | 36.6 | 13.7 | 20.3 | 20.3 | 0.0 |
| 18:46:00 | 32 43.6 | -95 0.9 | 117.2 | -7.8 | 117.4 | 403 | 0.0 | 16.7 | -19.1 | 79.0 | 84.5 | 50.0 | 26.0 | 22.2 | 22.2 | 8.0 |
| 18:45:59 | 32 43.6 | -95 0.9 | 427.2 | 443.9 | 10348* | 414 | 38.3 | -4.3 | -1.2 | 77.7 | 81.7 | 0.0 | 216.0 | 101.4 | 98.0 | 215.3 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 18:46:30 | 32 44.0 | -94 58.8 | 118.5 | -20.0 | 120.1 | 204 | 103.4* | 1.7 | 4.1 | 969.6 | 82.8 | 37.3 | 14.3 | -16.9 | -18.9 | 0.3 |
| 18:46:30 | 32 45.3 | -94 58.4 | 118.7 | -19.4 | 120.3 | 221 | 103.1* | 1.5 | 3.9 | 250.6 | 82.8 | 37.6 | 13.2 | 20.4 | 20.4 | 0.0 |
| 18:46:30 | 32 43.4 | -94 58.7 | 118.4 | -19.6 | 120.0 | 343 | 0.0 | 23.7 | -17.8 | 83.6 | 90.3 | 50.0 | 24.7 | 22.4 | 22.4 | 8.2 |
| 18:46:29 | 32 43.4 | -94 58.6 | 426.7 | 443.5 | 10348* | 354 | 42.4 | -14.7 | -4.2 | 83.1 | 87.7 | 0.0 | 223.2 | 105.6 | 102.0 | 221.8 |
| 18:47:00 | 32 43.5 | -94 56.6 | 117.8 | -28.9 | 121.3 | 159 | 106.9* | 1.7 | -7.2 | 974.5 | 85.9 | 38.0 | 14.3 | -16.9 | -18.9 | 0.2 |
| 18:47:00 | 32 44.8 | -94 56.1 | 118.1 | -28.3 | 121.4 | 176 | 106.6* | 1.5 | -7.3 | 250.6 | 85.9 | 38.3 | 13.1 | 20.5 | 20.5 | 0.0 |
| 18:47:00 | 32 42.9 | -94 56.4 | 117.5 | -29.5 | 121.1 | 296 | 0.0 | 21.7 | -20.0 | 86.2 | 93.5 | 50.0 | 23.9 | 23.0 | 23.0 | 8.1 |
| 18:46:59 | 32 42.9 | -94 56.4 | 426.7 | 443.5 | 10348* | 311 | 40.2 | -19.4 | -6.1 | 86.0 | 90.0 | 0.0 | 227.1 | 108.6 | 104.4 | 225.5 |
| 18:47:30 | 32 43.2 | -94 54.3 | 119.8 | 0.7 | 119.8 | 168 | 92.5 | 1.8 | 0.1 | 973.8 | 82.9 | 38.0 | 14.9 | -16.9 | -18.9 | 0.2 |
| 18:47:30 | 32 44.6 | -94 53.8 | 120.0 | 1.4 | 120.1 | 185 | 92.6 | 1.7 | -0.1 | 250.5 | 82.9 | 38.2 | 13.8 | 20.7 | 20.7 | 0.0 |
| 18:47:30 | 32 42.6 | -94 54.1 | 119.6 | 1.0 | 119.6 | 317 | 0.0 | 25.9 | -17.2 | 83.8 | 90.7 | 50.0 | 24.6 | 23.2 | 23.2 | 7.8 |
| 18:47:29 | 32 42.6 | -94 54.1 | 427.7 | 444.4 | 10349* | 315 | 43.0 | -15.1 | -4.6 | 83.3 | 87.6 | 0.0 | 223.3 | 94.0 | 102.6 | 222.2 |
| 18:48:00 | 32 43.1 | -94 52.0 | 114.6 | -8.8 | 115.0 | 187 | 97.6 | 2.5 | -5.0* | 974.5 | 76.7 | 37.0 | 15.4 | -16.9 | -18.9 | 0.2 |
| 18:48:00 | 32 44.5 | -94 51.6 | 114.9 | -8.1 | 115.2 | 203 | 97.4 | 2.4 | -5.1* | 250.6 | 76.7 | 37.3 | 14.5 | 20.3 | 20.3 | 0.0 |
| 18:48:00 | 32 42.5 | -94 51.9 | 114.5 | -9.1 | 114.8 | 306 | 0.0 | 29.7 | -13.5 | 77.2 | 84.0 | 50.0 | 26.2 | 22.5 | 22.5 | 7.5 |
| 18:47:59 | 32 42.5 | -94 51.9 | 428.4 | 445.2 | 10348* | 310 | 41.8 | -17.3 | -5.0 | 77.0 | 81.0 | 0.0 | 215.0 | 99.4 | 99.8 | 214.6 |
| 18:48:30 | 32 43.1 | -94 49.9 | 110.7 | 4.8 | 110.8 | 216 | 90.6 | 2.5* | -1.9 | 974.8 | 68.5 | 36.8 | 17.1 | -16.9 | -18.9 | 0.2 |
| 18:48:30 | 32 44.5 | -94 49.4 | 111.0 | 5.5 | 111.1 | 231 | 90.3 | 2.3* | -2.0 | 250.5 | 68.5 | 37.2 | 16.5 | 20.2 | 20.2 | 0.0 |
| 18:48:30 | 32 42.5 | -94 49.7 | 110.4 | 4.7 | 110.5 | 319 | 0.0 | 22.8 | -14.1 | 69.4 | 75.0 | 50.0 | 28.4 | 22.8 | 22.8 | 6.7 |
| 18:48:29 | 32 42.5 | -94 49.7 | 430.9 | 447.8 | 10349* | 312 | 42.2 | -12.2 | -3.7 | 68.7 | 71.5 | 0.0 | 203.5 | 92.6 | 93.8 | 204.4 |
| 18:49:00 | 32 43.2 | -94 47.8 | 108.4 | -1.7 | 108.4 | 196 | 94.8 | 3.6 | -0.6* | 974.4 | 64.3 | 36.2 | 17.5 | -16.9 | -18.9 | 0.2 |
| 18:49:00 | 32 44.6 | -94 47.3 | 108.8 | -1.0 | 108.8 | 213 | 94.5 | 3.4 | -0.7* | 250.6 | 64.3 | 36.5 | 17.0 | 20.2 | 20.2 | 0.0 |
| 18:49:00 | 32 42.6 | -94 47.6 | 108.1 | -1.8 | 108.1 | 321 | 0.0 | 35.5 | -6.7 | 65.4 | 71.2 | 50.0 | 29.5 | 22.3 | 22.3 | 6.5 |
| 18:48:59 | 32 42.6 | -94 47.6 | 431.5 | 448.4 | 10348* | 313 | 41.2 | -11.6 | -3.3 | 64.6 | 68.3 | 0.0 | 197.3 | 97.7 | 90.6 | 198.7 |
| 18:49:30 | 32 43.1 | -94 45.7 | 109.0 | -1.3 | 109.0 | 194 | 93.9 | 2.9 | -1.4* | 973.9 | 66.3 | 36.4 | 17.2 | -16.9 | -18.9 | 0.2 |
| 18:49:30 | 32 44.6 | -94 45.2 | 109.3 | -0.7 | 109.3 | 212 | 94.0 | 2.7 | -1.5* | 250.5 | 66.3 | 36.7 | 16.6 | 20.1 | 20.1 | 0.0 |
| 18:49:30 | 32 42.5 | -94 45.6 | 108.6 | -1.9 | 108.6 | 318 | 0.0 | 34.5 | -8.0 | 68.0 | 73.3 | 50.0 | 29.0 | 22.4 | 22.4 | 6.7 |
| 18:49:29 | 32 42.5 | -94 45.6 | 431.0 | 448.0 | 10349* | 316 | 33.0 | -5.5 | -1.5 | 66.7 | 70.2 | 0.0 | 200.3 | 97.5 | 92.8 | 201.4 |
| 18:50:00 | 32 43.1 | -94 43.6 | 109.1 | -3.3 | 109.2 | 197 | 94.2 | 3.2 | 0.7 | 974.0 | 67.3 | 36.4 | 16.9 | -16.9 | -18.9 | 0.2 |
| 18:50:00 | 32 44.5 | -94 43.1 | 109.5 | -2.6 | 109.5 | 213 | 94.0 | 3.0 | 0.5 | 250.5 | 67.3 | 36.7 | 16.4 | 20.1 | 20.1 | 0.0 |
| 18:50:00 | 32 42.5 | -94 43.5 | 108.8 | -3.1 | 108.9 | 328 | 0.0 | 27.9 | -11.2 | 68.1 | 74.1 | 50.0 | 28.7 | 22.2 | 22.2 | 6.8 |
| 18:49:59 | 32 42.5 | -94 43.5 | 430.7 | 447.6 | 10349* | 319 | 42.1 | -15.9 | -4.8 | 67.5 | 71.7 | 0.0 | 201.7 | 94.5 | 93.5 | 202.7 |
| 18:50:30 | 32 43.1 | -94 41.5 | 110.4 | 3.2 | 110.5 | 194 | 91.9* | 2.7* | -1.8 | 973.4 | 71.0 | 37.1 | 16.7 | -16.9 | -18.9 | 0.2 |
| 18:50:30 | 32 44.5 | -94 41.0 | 110.8 | 3.9 | 110.9 | 207 | 91.6* | 2.6* | -1.9 | 250.5 | 71.0 | 37.4 | 16.1 | 20.2 | 20.2 | 0.0 |
| 18:50:30 | 32 42.5 | -94 41.4 | 110.1 | 2.5 | 110.1 | 327 | 0.0 | 33.0 | -10.4 | 73.2 | 78.2 | 50.0 | 27.7 | 22.5 | 22.5 | 6.9 |
| 18:50:29 | 32 42.5 | -94 41.4 | 430.4 | 447.3 | 10349* | 319 | 42.1 | 3.3 | 1.6 | 71.4 | 75.9 | 0.0 | 207.1 | 97.6 | 97.9 | 207.7 |
| 18:51:00 | 32 43.2 | -94 39.4 | 113.7 | 3.4 | 113.8 | 173 | 92.4 | 2.8 | -3.0 | 974.7 | 71.0 | 37.0 | 16.7 | -16.9 | -18.9 | 0.2 |
| 18:51:00 | 32 44.6 | -94 38.8 | 114.1 | 4.1 | 114.2 | 189 | 92.1 | 2.6 | -3.1 | 250.5 | 71.0 | 37.4 | 16.0 | 19.8 | 19.8 | 0.0 |
| 18:51:00 | 32 42.5 | -94 39.2 | 113.3 | 3.2 | 113.4 | 316 | 0.0 | 33.7 | -9.9 | 72.0 | 78.2 | 50.0 | 27.7 | 22.1 | 22.1 | 6.9 |
| 18:50:59 | 32 42.5 | -94 39.2 | 430.3 | 447.2 | 10349* | 312 | 27.0 | -12.9 | -3.8 | 71.3 | 75.3 | 0.0 | 207.1 | 95.9 | 94.3 | 207.7 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 18:51:30 | 32 43.2 | -94 37.2 | 113.3 | 4.4 | 113.4 | 185 | 91.4 | 2.3 | -2.1* | 974.4 | 74.3 | 37.2 | 16.1 | -16.9 | -18.9 | 0.2 |
| 18:51:30 | 32 44.7 | -94 36.7 | 113.7 | 5.1 | 113.8 | 203 | 91.5 | 2.1 | -2.3* | 250.6 | 74.4 | 37.6 | 15.3 | 19.7 | 19.7 | 0.0 |
| 18:51:30 | 32 42.6 | -94 37.1 | 112.9 | 4.1 | 113.0 | 319 | 0.0 | 23.1 | -15.6 | 75.4 | 81.5 | 50.0 | 26.9 | 22.3 | 22.3 | 7.2 |
| 18:51:29 | 32 42.6 | -94 37.1 | 429.4 | 446.3 | 10348* | 315 | 33.3 | -12.6 | -3.7 | 74.6 | 78.2 | 0.0 | 211.8 | 94.2 | 98.8 | 211.9 |
| 18:52:00 | 32 43.3 | -94 35.0 | 113.2 | 3.0 | 113.3 | 205 | 91.6 | 2.9 | -0.5 | 975.0 | 68.1 | 36.3 | 16.7 | -16.9 | -18.9 | 0.2 |
| 18:52:00 | 32 44.7 | -94 34.5 | 113.7 | 3.7 | 113.7 | 218 | 91.4 | 2.7 | -0.7 | 250.5 | 68.1 | 36.6 | 16.1 | 20.3 | 20.3 | 0.0 |
| 18:52:00 | 32 42.7 | -94 34.9 | 112.7 | 2.9 | 112.8 | 315 | 0.0 | 29.7 | -10.7 | 69.0 | 75.0 | 50.0 | 28.5 | 22.6 | 22.6 | 6.9 |
| 18:51:59 | 32 42.7 | -94 34.9 | 430.4 | 447.3 | 10349* | 312 | 39.1 | -13.8 | -3.9 | 68.4 | 71.9 | 0.0 | 202.8 | 93.4 | 90.6 | 203.7 |
| 18:52:30 | 32 43.3 | -94 32.8 | 113.2 | 0.3 | 113.2 | 209 | 93.3* | 2.1 | 1.7* | 973.5 | 72.6 | 36.7 | 16.0 | -16.9 | -18.9 | 0.3 |
| 18:52:30 | 32 44.8 | -94 32.3 | 113.7 | 1.0 | 113.7 | 223 | 93.0* | 1.9 | 1.5* | 250.6 | 72.6 | 37.0 | 15.3 | 20.5 | 20.5 | 0.0 |
| 18:52:30 | 32 42.7 | -94 32.7 | 112.9 | 0.3 | 112.9 | 330 | 0.0 | 25.9 | -13.9 | 73.9 | 79.6 | 50.0 | 27.3 | 22.7 | 22.7 | 7.2 |
| 18:52:29 | 32 42.7 | -94 32.7 | 429.3 | 446.2 | 10348* | 323 | 37.0 | -8.8 | -2.2 | 72.9 | 76.5 | 0.0 | 209.3 | 96.2 | 96.5 | 209.5 |
| 18:53:00 | 32 43.3 | -94 30.7 | 112.9 | -4.2 | 113.0 | 208 | 95.2 | 2.8 | -0.9 | 974.1 | 68.7 | 36.5 | 16.7 | -16.9 | -18.9 | 0.2 |
| 18:53:00 | 32 44.8 | -94 30.1 | 113.4 | -3.4 | 113.4 | 221 | 94.9 | 2.6 | -1.1 | 250.5 | 68.7 | 36.8 | 16.1 | 20.1 | 20.1 | 0.0 |
| 18:53:00 | 32 42.7 | -94 30.6 | 112.5 | -4.1 | 112.6 | 327 | 0.0 | 27.2 | -11.9 | 70.0 | 75.7 | 50.0 | 28.4 | 22.5 | 22.5 | 6.9 |
| 18:52:59 | 32 42.7 | -94 30.6 | 430.3 | 447.2 | 10349* | 320 | 39.7 | -11.1 | -2.9 | 69.0 | 73.1 | 0.0 | 203.8 | 97.4 | 91.8 | 204.6 |
| 18:53:30 | 32 43.2 | -94 28.5 | 113.0 | -4.3 | 113.1 | 219 | 95.8 | 3.4 | -1.4 | 974.7 | 68.3 | 36.3 | 16.6 | -16.9 | -18.9 | 0.2 |
| 18:53:30 | 32 44.7 | -94 27.9 | 113.5 | -3.5 | 113.6 | 238 | 95.9 | 3.3 | -1.6 | 250.6 | 68.3 | 36.6 | 16.0 | 20.4 | 20.4 | 0.0 |
| 18:53:30 | 32 42.6 | -94 28.4 | 112.6 | -4.4 | 112.7 | 331 | 0.0 | 34.2 | -8.7 | 69.3 | 75.5 | 50.0 | 28.5 | 22.6 | 22.6 | 6.9 |
| 18:53:29 | 32 42.6 | -94 28.4 | 430.2 | 447.1 | 10348* | 312 | 40.2 | -14.6 | -4.3 | 68.6 | 72.7 | 0.0 | 203.2 | 98.2 | 91.2 | 204.0 |
| 18:54:00 | 32 43.2 | -94 26.3 | 113.8 | 0.1 | 113.8 | 213 | 92.7 | 2.7 | -1.5 | 974.4 | 71.5 | 36.3 | 15.8 | -16.9 | -18.9 | 0.2 |
| 18:54:00 | 32 44.7 | -94 25.8 | 114.3 | 0.9 | 114.3 | 222 | 92.5 | 2.6 | -1.7 | 250.6 | 71.5 | 36.6 | 15.1 | 20.9 | 20.9 | 0.0 |
| 18:54:00 | 32 42.6 | -94 26.3 | 113.3 | -0.1 | 113.3 | 330 | 0.0 | 29.0 | -12.3 | 72.9 | 78.7 | 50.0 | 27.6 | 22.9 | 22.9 | 7.3 |
| 18:53:59 | 32 42.6 | -94 26.2 | 429.0 | 445.9 | 10348* | 315 | 37.2 | -9.6 | -2.5 | 71.9 | 76.2 | 0.0 | 207.8 | 95.0 | 94.5 | 208.1 |
| 18:54:30 | 32 43.2 | -94 24.1 | 113.7 | 1.5 | 113.7 | 188 | 93.2* | 3.2* | -2.0* | 974.7 | 69.9 | 36.3 | 16.2 | -16.9 | -18.9 | 0.2 |
| 18:54:30 | 32 44.7 | -94 23.6 | 114.2 | 2.2 | 114.2 | 202 | 93.0* | 3.0* | -2.1* | 250.5 | 69.9 | 36.6 | 15.6 | 20.7 | 20.7 | 0.0 |
| 18:54:30 | 32 42.6 | -94 24.1 | 113.2 | 1.5 | 113.2 | 326 | 0.0 | 38.0 | -7.4 | 69.9 | 77.5 | 50.0 | 28.0 | 23.0 | 23.0 | 7.1 |
| 18:54:29 | 32 42.6 | -94 24.1 | 429.6 | 446.5 | 10349* | 314 | 40.0 | -27.1 | -9.4 | 69.9 | 74.2 | 0.0 | 205.5 | 93.6 | 92.4 | 206.0 |
| 18:55:00 | 32 43.2 | -94 22.0 | 113.0 | 0.4 | 113.0 | 246 | 93.6 | 2.3 | -1.9 | 973.7 | 71.9 | 36.2 | 15.7 | -16.9 | -18.9 | 0.2 |
| 18:55:00 | 32 44.8 | -94 21.4 | 113.5 | 1.2 | 113.5 | 264 | 93.3 | 2.1 | -2.0 | 250.5 | 71.9 | 36.5 | 15.0 | 21.1 | 21.1 | 0.0 |
| 18:55:00 | 32 42.6 | -94 21.9 | 112.4 | 0.3 | 112.4 | 338 | 0.0 | 30.0 | -11.8 | 72.6 | 78.9 | 50.0 | 27.5 | 23.2 | 23.2 | 7.4 |
| 18:54:59 | 32 42.6 | -94 21.9 | 428.8 | 445.6 | 10349* | 324 | 38.1 | -16.1 | -4.7 | 72.1 | 76.2 | 0.0 | 208.3 | 95.8 | 95.7 | 208.4 |
| 18:55:30 | 32 43.2 | -94 19.8 | 115.5 | -0.4 | 115.5 | 202 | 93.1 | 2.4 | -1.8* | 976.3 | 73.5 | 36.4 | 15.5 | -16.9 | -18.9 | 0.2 |
| 18:55:30 | 32 44.8 | -94 19.2 | 116.0 | 0.4 | 116.0 | 215 | 93.2 | 2.3 | -1.9* | 250.5 | 73.5 | 36.7 | 14.8 | 20.7 | 20.7 | 0.0 |
| 18:55:30 | 32 42.6 | -94 19.7 | 115.0 | -0.5 | 115.0 | 312 | 0.0 | 27.7 | -13.4 | 73.9 | 80.6 | 50.0 | 27.1 | 23.0 | 23.0 | 7.5 |
| 18:55:29 | 32 42.6 | -94 19.7 | 428.6 | 445.4 | 10349* | 302 | 38.3 | -19.3 | -6.4 | 73.7 | 79.1 | 0.0 | 210.5 | 93.8 | 95.1 | 210.5 |
| 18:56:00 | 32 43.2 | -94 17.6 | 115.3 | -0.8 | 115.3 | 197 | 93.7 | 2.5 | -1.5* | 975.9 | 73.0 | 36.3 | 15.6 | -16.9 | -18.9 | 0.1 |
| 18:56:00 | 32 44.8 | -94 17.0 | 115.9 | 0.0 | 115.9 | 211 | 93.5 | 2.3 | -1.6* | 250.5 | 73.0 | 36.6 | 14.8 | 20.6 | 20.6 | 0.0 |
| 18:56:00 | 32 42.6 | -94 17.5 | 114.8 | -0.7 | 114.8 | 317 | 0.0 | 30.5 | -11.8 | 73.3 | 80.1 | 50.0 | 27.2 | 22.9 | 22.9 | 7.5 |
| 18:55:59 | 32 42.6 | -94 17.5 | 428.6 | 445.4 | 10349* | 306 | 38.4 | -19.2 | -6.0 | 73.2 | 75.9 | 0.0 | 209.8 | 94.9 | 94.7 | 209.9 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 18:56:30 | 32 43.2 | -94 15.3 | 115.8 | -1.5 | 115.8 | 213 | 93.1 | 1.9 | -1.2 | 975.3 | 75.8 | 36.7 | 15.3 | -16.9 | -18.9 | 0.1 |
| 18:56:30 | 32 44.8 | -94 14.7 | 116.4 | -0.6 | 116.4 | 227 | 92.8 | 1.8 | -1.4 | 250.6 | 75.8 | 37.0 | 14.5 | 21.0 | 21.0 | 0.0 |
| 18:56:30 | 32 42.6 | -94 15.3 | 115.3 | -1.9 | 115.3 | 315 | 0.0 | 20.4 | -17.2 | 77.4 | 83.0 | 50.0 | 26.5 | 22.9 | 22.9 | 7.6 |
| 18:56:29 | 32 42.6 | -94 15.3 | 428.2 | 445.0 | 10348* | 311 | 38.3 | -4.7 | -0.9 | 76.1 | 80.0 | 0.0 | 213.8 | 96.0 | 97.9 | 213.5 |
| 18:57:00 | 32 43.2 | -94 13.1 | 116.0 | -2.2 | 116.0 | 229 | 93.5 | 2.4 | -1.0* | 975.9 | 75.8 | 36.4 | 15.0 | -16.9 | -18.9 | 0.3 |
| 18:57:00 | 32 44.8 | -94 12.5 | 116.5 | -1.4 | 116.6 | 247 | 93.2 | 2.3 | -1.2* | 250.6 | 75.8 | 36.7 | 14.2 | 21.1 | 21.1 | 0.0 |
| 18:57:00 | 32 42.5 | -94 13.1 | 115.5 | -2.3 | 115.5 | 309 | 0.0 | 28.6 | -13.6 | 76.6 | 83.0 | 50.0 | 26.5 | 23.0 | 23.0 | 7.8 |
| 18:56:59 | 32

A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 19:01:30 | 32 51.3 | -94 12.8 | -111.2 | -6.9 | 111.4 | 578 | 265.7* | 2.4 | 4.7* | 936.7 | 68.7 | 32.8 | 13.2 | -16.9 | -18.9 | 0.2 |
| 19:01:30 | 32 53.1 | -94 12.1 | -110.5 | -6.3 | 110.7 | 591 | 265.4* | 2.2 | 4.5* | 250.5 | 68.7 | 33.1 | 12.6 | 20.2 | 20.2 | 0.0 |
| 19:01:30 | 32 50.7 | -94 12.8 | -111.9 | -7.5 | 112.1 | 670 | 0.0 | 27.9 | -11.6 | 69.5 | 75.5 | 50.0 | 28.4 | 22.4 | 22.4 | 8.8 |
| 19:01:29 | 32 50.7 | -94 12.8 | 425.2 | 441.8 | 10349* | 668 | 38.0 | -14.2 | -4.5 | 69.0 | 72.8 | 0.0 | 203.7 | 261.9 | 92.0 | 203.3 |
| 19:02:00 | 32 51.4 | -94 15.0 | -111.7 | -0.7 | 111.7 | 544 | 268.1 | 3.4 | -2.8 | 937.7 | 68.9 | 32.8 | 13.2 | -16.9 | -18.9 | 0.1 |
| 19:02:00 | 32 53.1 | -94 14.2 | -111.0 | -0.1 | 111.0 | 562 | 267.8 | 3.2 | -3.0 | 250.5 | 68.9 | 33.1 | 12.6 | 20.2 | 20.2 | 0.0 |
| 19:02:00 | 32 50.7 | -94 15.0 | -112.5 | -0.5 | 112.5 | 658 | 0.0 | 25.4 | -12.8 | 69.7 | 75.6 | 50.0 | 28.3 | 22.4 | 22.4 | 8.8 |
| 19:01:59 | 32 50.7 | -94 15.0 | 425.1 | 441.8 | 10349* | 661 | 35.6 | -14.2 | -4.3 | 69.1 | 72.8 | 0.0 | 204.0 | 264.3 | 92.1 | 203.5 |
| 19:02:30 | 32 51.3 | -94 17.1 | -113.7 | -1.9 | 113.7 | 557 | 266.8 | 2.0 | -1.1 | 936.8 | 70.1 | 32.8 | 13.0 | -16.9 | -18.9 | 0.2 |
| 19:02:30 | 32 53.1 | -94 16.4 | -112.9 | -1.2 | 112.9 | 575 | 266.8 | 1.8 | -1.3 | 250.5 | 70.1 | 33.1 | 12.3 | 19.6 | 19.6 | 0.0 |
| 19:02:30 | 32 50.7 | -94 17.2 | -114.4 | -1.8 | 114.4 | 663 | 0.0 | 32.8 | -9.8 | 71.3 | 77.0 | 50.0 | 28.0 | 22.4 | 22.4 | 8.9 |
| 19:02:29 | 32 50.7 | -94 17.2 | 424.8 | 441.4 | 10349* | 665 | 35.7 | -9.6 | -2.3 | 70.4 | 74.5 | 0.0 | 205.7 | 262.9 | 91.6 | 205.1 |
| 19:03:00 | 32 51.3 | -94 19.3 | -114.8 | 2.2 | 114.8 | 555 | 269.0 | 2.4 | 0.1* | 937.3 | 73.8 | 33.4 | 12.6 | -16.9 | -18.9 | 0.2 |
| 19:03:00 | 32 53.1 | -94 18.6 | -114.1 | 2.9 | 114.1 | 571 | 268.9 | 2.2 | -0.1* | 250.5 | 73.8 | 33.7 | 11.9 | 20.4 | 20.4 | 0.0 |
| 19:03:00 | 32 50.7 | -94 19.4 | -115.3 | 2.0 | 115.4 | 655 | 0.0 | 29.8 | -12.4 | 74.5 | 81.0 | 50.0 | 27.0 | 22.5 | 22.5 | 9.1 |
| 19:02:59 | 32 50.7 | -94 19.4 | 424.3 | 440.9 | 10350* | 660 | 36.4 | -17.9 | -5.5 | 74.1 | 78.5 | 0.0 | 211.0 | 263.8 | 95.5 | 209.9 |
| 19:03:30 | 32 51.4 | -94 21.5 | -115.5 | 2.9 | 115.5 | 542 | 270.3 | 3.1 | -1.6 | 937.1 | 73.0 | 32.9 | 12.3 | -16.9 | -18.9 | 0.3 |
| 19:03:30 | 32 53.1 | -94 20.8 | -114.7 | 3.6 | 114.8 | 558 | 270.0 | 2.9 | -1.7 | 250.5 | 73.0 | 33.2 | 11.6 | 20.5 | 20.5 | 0.0 |
| 19:03:30 | 32 50.8 | -94 21.6 | -116.2 | 3.0 | 116.3 | 654 | 0.0 | 36.0 | -9.3 | 74.1 | 80.1 | 50.0 | 27.2 | 22.7 | 22.7 | 9.3 |
| 19:03:29 | 32 50.8 | -94 21.6 | 423.8 | 440.4 | 10349* | 659 | 39.1 | -11.3 | -2.9 | 73.3 | 77.7 | 0.0 | 209.8 | 267.6 | 93.3 | 208.7 |
| 19:04:00 | 32 51.4 | -94 23.8 | -114.8 | 4.8 | 114.9 | 554 | 270.4 | 2.2 | -0.3* | 936.9 | 69.0 | 33.1 | 13.5 | -16.9 | -18.9 | 0.2 |
| 19:04:00 | 32 53.2 | -94 23.0 | -114.0 | 5.4 | 114.2 | 572 | 270.1 | 2.0 | -0.4* | 250.5 | 69.0 | 33.4 | 12.8 | 20.6 | 20.6 | 0.0 |
| 19:04:00 | 32 50.8 | -94 23.8 | -115.5 | 4.6 | 115.6 | 670 | 0.0 | 25.6 | -12.9 | 69.8 | 75.8 | 50.0 | 28.3 | 22.5 | 22.5 | 8.6 |
| 19:03:59 | 32 50.8 | -94 23.9 | 425.5 | 442.2 | 10349* | 667 | 36.6 | -14.2 | -4.1 | 69.2 | 73.4 | 0.0 | 204.2 | 265.5 | 89.2 | 203.8 |
| 19:04:30 | 32 51.5 | -94 26.0 | -115.6 | 4.9 | 115.7 | 572 | 269.9 | 2.5 | -0.8 | 937.2 | 74.4 | 33.2 | 12.4 | -16.9 | -18.9 | 0.2 |
| 19:04:30 | 32 53.3 | -94 25.2 | -114.8 | 5.6 | 115.0 | 589 | 270.0 | 2.3 | -0.9 | 250.5 | 74.4 | 33.6 | 11.6 | 20.5 | 20.5 | 0.0 |
| 19:04:30 | 32 50.9 | -94 26.1 | -116.3 | 4.7 | 116.4 | 662 | 0.0 | 24.6 | -15.1 | 74.9 | 81.3 | 50.0 | 26.8 | 22.6 | 22.6 | 9.3 |
| 19:04:29 | 32 50.9 | -94 26.1 | 423.9 | 440.5 | 10349* | 662 | 38.7 | -16.3 | -4.8 | 74.6 | 78.4 | 0.0 | 211.8 | 264.5 | 95.3 | 210.5 |
| 19:05:00 | 32 51.6 | -94 28.2 | -115.2 | 4.3 | 115.3 | 551 | 271.0 | 2.4 | -1.9 | 937.2 | 72.9 | 33.3 | 12.8 | -16.9 | -18.9 | 0.2 |
| 19:05:00 | 32 53.4 | -94 27.4 | -114.5 | 5.0 | 114.6 | 569 | 270.8 | 2.2 | -2.0 | 250.5 | 72.9 | 33.6 | 12.1 | 20.1 | 20.1 | 0.0 |
| 19:05:00 | 32 51.0 | -94 28.3 | -116.0 | 4.2 | 116.0 | 658 | 0.0 | 29.7 | -12.4 | 73.3 | 80.0 | 50.0 | 27.2 | 22.3 | 22.3 | 9.0 |
| 19:04:59 | 32 51.0 | -94 28.3 | 424.5 | 441.1 | 10349* | 662 | 37.8 | -18.8 | -5.8 | 73.1 | 76.8 | 0.0 | 209.8 | 266.8 | 93.7 | 208.8 |
| 19:05:30 | 32 51.7 | -94 30.4 | -114.4 | 5.5 | 114.6 | 549 | 270.2 | 3.0 | -1.3 | 937.2 | 70.0 | 33.4 | 13.5 | -16.9 | -18.9 | 0.2 |
| 19:05:30 | 32 53.5 | -94 29.6 | -113.7 | 6.3 | 113.8 | 567 | 270.0 | 2.8 | -1.4 | 250.5 | 70.0 | 33.7 | 12.9 | 19.5 | 19.5 | 0.0 |
| 19:05:30 | 32 51.0 | -94 30.5 | -115.1 | 5.5 | 115.2 | 660 | 0.0 | 31.6 | -10.4 | 70.7 | 77.0 | 50.0 | 28.0 | 22.2 | 22.2 | 8.6 |
| 19:05:29 | 32 51.0 | -94 30.5 | 425.6 | 442.3 | 10349* | 662 | 42.2 | -15.6 | -4.6 | 70.2 | 73.8 | 0.0 | 205.6 | 264.7 | 91.1 | 205.2 |
| 19:06:00 | 32 51.8 | -94 32.6 | -115.7 | 5.3 | 115.8 | 549 | 270.4 | 2.8 | -0.9 | 937.1 | 72.9 | 33.7 | 13.1 | -16.9 | -18.9 | 0.2 |
| 19:06:00 | 32 53.6 | -94 31.8 | -114.9 | 6.1 | 115.0 | 568 | 270.1 | 2.6 | -1.1 | 250.5 | 73.0 | 34.0 | 12.4 | 19.3 | 19.3 | 0.0 |
| 19:06:00 | 32 51.1 | -94 32.7 | -116.4 | 5.3 | 116.5 | 659 | 0.0 | 28.6 | -12.7 | 73.8 | 79.9 | 50.0 | 27.2 | 21.6 | 21.6 | 8.8 |
| 19:05:59 | 32 51.1 | -94 32.8 | 425.0 | 441.7 | 10349* | 663 | 37.6 | -13.2 | -3.7 | 73.2 | 77.2 | 0.0 | 209.8 | 266.0 | 93.5 | 208.9 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 19:06:30 | 32 51.9 | -94 34.8 | -114.8 | 6.3 | 114.9 | 541 | 270.2 | 2.4 | -1.0 | 936.5 | 73.9 | 33.7 | 12.9 | -16.9 | -18.9 | 0.1 |
| 19:06:30 | 32 53.7 | -94 34.0 | -114.0 | 7.0 | 114.2 | 555 | 270.3 | 2.2 | -1.2 | 250.6 | 73.9 | 34.0 | 12.1 | 19.2 | 19.2 | 0.0 |
| 19:06:30 | 32 51.2 | -94 35.0 | -115.5 | 6.4 | 115.7 | 660 | 0.0 | 25.2 | -14.6 | 75.0 | 80.8 | 50.0 | 27.0 | 22.0 | 22.0 | 9.0 |
| 19:06:29 | 32 51.2 | -94 35.0 | 424.6 | 441.3 | 10348* | 668 | 37.0 | -9.1 | -2.4 | 74.2 | 78.1 | 0.0 | 211.1 | 265.9 | 95.5 | 210.0 |
| 19:07:00 | 32 51.9 | -94 37.0 | -112.7 | -9.4 | 113.1 | 537 | 263.4 | 2.8 | -3.4* | 937.0 | 69.5 | 33.1 | 13.4 | -16.9 | -18.9 | 0.1 |
| 19:07:00 | 32 53.7 | -94 36.1 | -111.9 | -8.6 | 112.2 | 555 | 263.2 | 2.6 | -3.5* | 250.6 | 69.5 | 33.4 | 12.7 | 19.8 | 19.8 | 0.0 |
| 19:07:00 | 32 51.3 | -94 37.2 | -113.4 | -9.2 | 113.8 | 653 | 0.0 | 29.9 | -11.1 | 70.4 | 76.3 | 50.0 | 28.1 | 22.1 | 22.1 | 8.7 |
| 19:06:59 | 32 51.3 | -94 37.2 | 425.3 | 442.0 | 10348* | 663 | 36.0 | -12.3 | -3.6 | 69.9 | 73.8 | 0.0 | 205.0 | 259.7 | 91.6 | 204.5 |
| 19:07:30 | 32 51.8 | -94 39.2 | -114.9 | -6.7 | 115.1 | 538 | 264.9 | 2.5 | -1.8 | 937.3 | 70.8 | 33.6 | 13.5 | -16.9 | -18.9 | 0.1 |
| 19:07:30 | 32 53.6 | -94 38.3 | -114.0 | -5.9 | 114.2 | 555 | 264.7 | 2.3 | -2.0 | 250.5 | 70.8 | 33.9 | 12.8 | 19.4 | 19.4 | 0.0 |
| 19:07:30 | 32 51.1 | -94 39.4 | -115.5 | -6.5 | 115.7 | 653 | 0.0 | 22.5 | -14.9 | 71.9 | 77.6 | 50.0 | 27.8 | 22.0 | 22.0 | 8.6 |
| 19:07:29 | 32 51.1 | -94 39.4 | 425.6 | 442.3 | 10349* | 661 | 38.1 | -9.7 | -2.8 | 71.1 | 75.2 | 0.0 | 206.7 | 261.7 | 91.3 | 206.2 |
| 19:08:00 | 32 51.7 | -94 41.4 | -116.8 | -6.4 | 117.0 | 572 | 265.4* | 1.9 | -4.3* | 936.5 | 77.0 | 34.2 | 12.7 | -16.9 | -18.9 | 0.2 |
| 19:08:00 | 32 53.5 | -94 40.5 | -116.0 | -5.7 | 116.1 | 591 | 265.1* | 1.7 | -4.5* | 250.5 | 77.0 | 34.6 | 11.9 | 19.5 | 19.5 | 0.0 |
| 19:08:00 | 32 51.0 | -94 41.6 | -117.3 | -6.5 | 117.5 | 664 | 0.0 | 25.7 | -15.4 | 77.1 | 84.3 | 50.0 | 26.1 | 22.0 | 22.0 | 9.1 |
| 19:07:59 | 32 51.0 | -94 41.6 | 424.3 | 440.9 | 10349* | 668 | 35.3 | -23.3 | -7.6 | 77.1 | 81.2 | 0.0 | 215.5 | 260.5 | 97.3 | 214.0 |
| 19:08:30 | 32 51.5 | -94 43.7 | -115.8 | -7.4 | 116.0 | 544 | 264.5 | 2.9 | -0.8* | 937.1 | 74.5 | 34.1 | 13.1 | -16.9 | -18.9 | 0.2 |
| 19:08:30 | 32 53.4 | -94 42.7 | -114.9 | -6.7 | 115.1 | 561 | 264.6 | 2.7 | -0.9* | 250.5 | 74.6 | 34.4 | 12.3 | 19.1 | 19.1 | 0.0 |
| 19:08:30 | 32 50.9 | -94 43.9 | -116.4 | -7.4 | 116.7 | 656 | 0.0 | 22.5 | -16.2 | 75.8 | 81.5 | 50.0 | 26.8 | 21.7 | 21.7 | 8.8 |
| 19:08:29 | 32 50.9 | -94 43.9 | 425.0 | 441.6 | 10349* | 660 | 35.0 | -6.7 | -1.8 | 74.9 | 78.3 | 0.0 | 212.0 | 261.9 | 95.2 | 211.0 |
| 19:09:00 | 32 51.4 | -94 45.9 | -116.4 | -7.0 | 116.6 | 514 | 265.5 | 1.8 | -1.8* | 936.3 | 70.8 | 33.7 | 13.7 | -16.9 | -18.9 | 0.1 |
| 19:09:00 | 32 53.3 | -94 44.9 | -115.5 | -6.2 | 115.7 | 533 | 265.3 | 1.7 | -1.9* | 250.6 | 70.8 | 34.1 | 13.0 | 19.3 | 19.3 | 0.0 |
| 19:09:00 | 32 50.8 | -94 46.1 | -116.9 | -6.9 | 117.1 | 662 | 0.0 | 28.7 | -12.1 | 71.8 | 77.7 | 50.0 | 27.8 | 22.0 | 22.0 | 8.5 |
| 19:08:59 | 32 50.8 | -94 46.1 | 425.8 | 442.5 | 10348* | 666 | 36.1 | -11.8 | -3.5 | 71.1 | 75.3 | 0.0 | 206.8 | 262.6 | 89.8 | 206.3 |
| 19:09:30 | 32 51.3 | -94 48.1 | -117.4 | -6.1 | 117.6 | 511 | 265.4 | 2.6 | 0.1 | 937.5 | 74.3 | 34.4 | 13.5 | -16.9 | -18.9 | 0.2 |
| 19:09:30 | 32 53.2 | -94 47.2 | -116.6 | -5.3 | 116.7 | 529 | 265.1 | 2.4 | -0.1 | 250.5 | 74.3 | 34.8 | 12.8 | 19.3 | 19.3 | 0.0 |
| 19:09:30 | 32 50.7 | -94 48.4 | -118.1 | -6.5 | 118.2 | 654 | 0.0 | 23.5 | -15.4 | 74.6 | 81.5 | 50.0 | 26.9 | 21.9 | 21.9 | 8.6 |
| 19:09:29 | 32 50.7 | -94 48.4 | 425.6 | 442.2 | 10349* | 657 | 40.3 | -20.3 | -6.2 | 74.4 | 79.1 | 0.0 | 211.7 | 260.0 | 93.6 | 210.8 |
| 19:10:00 | 32 51.2 | -94 50.4 | -117.1 | -1.3 | 117.1 | 497 | 267.3 | 2.2 | 2.4 | 936.7 | 75.6 | 34.4 | 13.2 | -16.9 | -18.9 | 0.2 |
| 19:10:00 | 32 53.1 | -94 49.4 | -116.2 | -0.6 | 116.2 | 515 | 267.0 | 2.0 | 2.2 | 250.5 | 75.6 | 34.7 | 12.3 | 19.7 | 19.7 | 0.0 |
| 19:10:00 | 32 50.6 | -94 50.6 | -117.6 | -2.0 | 117.6 | 656 | 0.0 | 28.7 | -13.7 | 76.3 | 82.7 | 50.0 | 26.5 | 22.3 | 22.3 | 8.8 |
| 19:09:59 | 32 50.6 | -94 50.6 | 425.1 | 441.7 | 10349* | 659 | 37.5 | -14.4 | -4.0 | 75.9 | 79.2 | 0.0 | 213.5 | 262.5 | 95.7 | 212.4 |
| 19:10:30 | 32 51.3 | -94 52.6 | -116.9 | 4.8 | 117.0 | 509 | 270.0 | 3.4 | -1.8 | 937.3 | 73.8 | 34.1 | 13.3 | -16.9 | -18.9 | 0.1 |
| 19:10:30 | 32 53.2 | -94 51.7 | -116.1 | 5.6 | 116.2 | 524 | 270.1 | 3.2 | -1.9 | 250.5 | 73.8 | 34.4 | 12.6 | 19.7 | 19.7 | 0.0 |
| 19:10:30 | 32 50.6 | -94 52.9 | -117.6 | 4.9 | 117.7 | 654 | 0.0 | 27.3 | -13.7 | 75.0 | 81.0 | 50.0 | 27.0 | 22.3 | 22.3 | 8.7 |
| 19:10:29 | 32 50.6 | -94 52.9 | 425.3 | 441.9 | 10349* | 656 | 37.8 | -10.4 | -2.8 | 74.1 | 78.0 | 0.0 | 211.0 | 266.0 | 93.4 | 210.1 |
| 19:11:00 | 32 51.3 | -94 54.9 | -118.0 | 1.3 | 118.0 | 512 | 267.9* | 1.3* | -2.0 | 935.6 | 74.3 | 34.5 | 13.6 | -16.9 | -18.9 | 0.2 |
| 19:11:00 | 32 53.3 | -94 53.9 | -117.1 | 2.1 | 117.1 | 529 | 267.7* | 1.1* | -2.1 | 250.5 | 74.3 | 34.8 | 12.8 | 19.6 | 19.6 | 0.0 |
| 19:11:00 | 32 50.7 | -94 55.2 | -118.4 | 1.7 | 118.4 | 658 | 0.0 | 34.4 | -10.9 | 76.7 | 81.8 | 50.0 | 26.9 | 22.3 | 22.3 | 8.6 |
| 19:10:59 | 32 50.7 | -94 55.2 | 425.7 | 442.4 | 10349* | 664 | 32.5 | 8.4 | 3.7 | 74.6 | 79.8 | 0.0 | 211.7 | 267.2 | 92.8 | 210.9 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 19:11:30 | 32 51.3 | -94 57.2 | -119.2 | 0.2 | 119.2 | 539 | 268.1 | 2.3 | -1.0* | 936.2 | 76.6 | 34.4 | 13.0 | -16.9 | -18.9 | 0.1 |
| 19:11:30 | 32 53.3 | -94 56.2 | -118.3 | 0.9 | 118.3 | 556 | 267.8 | 2.1 | -1.1* | 250.5 | 76.6 | 34.8 | 12.2 | 19.9 | 19.9 | 0.0 |
| 19:11:30 | 32 50.7 | -94 57.5 | -119.7 | 0.1 | 119.7 | 661 | 0.0 | 24.5 | -15.8 | 77.5 | 83.6 | 50.0 | 26.3 | 22.4 | 22.4 | 8.9 |
| 19:11:29 | 32 50.7 | -94 57.5 | 424.8 | 441.4 | 10349* | 665 | 39.6 | -12.4 | -3.6 | 76.8 | 81.9 | 0.0 | 214.8 | 264.1 | 94.7 | 213.6 |
| 19:12:00 | 32 51.4 | -94 59.5 | -116.7 | 24.4 | 119.2 | 533 | 281.6* | 1.9 | 25.4* | 935.9 | 77.4 | 34.8 | 13.1 | -16.9 | -18.9 | 0.3 |
| 19:12:00 | 32 53.3 | -94 58.4 | -115.9 | 25.2 | 118.6 | 550 | 281.4* | 1.8 | 25.2* | 250.6 | 77.4 | 35.1 | 12.3 | 19.8 | 19.8 | 0.0 |
| 19:12:00 | 32 50.7 | -94 59.8 | -117.8 | 22.4 | 119.9 | 660 | 0.0 | 25.9 | -15.6 | 77.8 | 84.7 | 50.0 | 26.0 | 22.5 | 22.5 | 8.8 |
| 19:11:59 | 32 50.7 | -94 59.8 | 425.0 | 441.7 | 10348* | 661 | 40.2 | -19.6 | -5.9 | 77.5 | 81.8 | 0.0 | 216.0 | 275.8 | 95.8 | 214.7 |
| 19:12:30 | 32 52.6 | -95 1.2 | -80.3 | 91.8 | 122.0 | 530 | 316.7 | 2.0 | -2.4* | 936.8 | 77.0 | 34.7 | 13.2 | -16.9 | -18.9 | 0.1 |
| 19:12:30 | 32 54.5 | -95 0.2 | -79.5 | 92.6 | 122.1 | 544 | 316.7 | 1.8 | -2.6* | 250.6 | 77.0 | 35.1 | 12.4 | 19.7 | 19.7 | 0.0 |
| 19:12:30 | 32 51.9 | -95 1.5 | -80.6 | 91.8 | 122.2 | 654 | 0.0 | 19.2 | -18.1 | 77.7 | 83.9 | 50.0 | 26.2 | 22.3 | 22.3 | 8.8 |
| 19:12:29 | 32 51.9 | -95 1.6 | 425.1 | 441.8 | 10348* | 663 | 40.4 | -13.7 | -4.0 | 77.2 | 80.9 | 0.0 | 215.4 | 312.2 | 92.5 | 214.2 |
| 19:13:00 | 32 54.0 | -95 2.8 | -86.0 | 85.0 | 121.0 | 519 | 312.4 | 3.4* | -4.2* | 936.5 | 74.8 | 34.2 | 13.1 | -16.9 | -18.9 | 0.1 |
| 19:13:00 | 32 56.0 | -95 1.8 | -85.3 | 85.8 | 121.0 | 536 | 312.1 | 2.4 | -3.1 | 250.6 | 74.8 | 34.5 | 12.4 | 19.9 | 19.9 | 0.0 |
| 19:13:00 | 32 53.3 | -95 3.2 | -86.1 | 85.3 | 121.3 | 660 | 0.0 | 30.1 | -12.8 | 76.3 | 82.1 | 50.0 | 26.7 | 22.4 | 22.4 | 8.8 |
| 19:12:59 | 32 53.3 | -95 3.2 | 425.0 | 441.7 | 10348* | 661 | 25.8 | -4.5 | -1.0 | 75.2 | 79.4 | 0.0 | 212.4 | 309.8 | 90.6 | 211.4 |
| 19:13:30 | 32 55.3 | -95 4.5 | -89.0 | 81.6 | 120.7 | 507 | 311.5 | 2.7 | -1.6 | 937.2 | 73.7 | 34.1 | 13.4 | -16.9 | -18.9 | 0.1 |
| 19:13:30 | 32 57.3 | -95 3.5 | -88.3 | 82.4 | 120.7 | 523 | 311.1 | 2.5 | -1.7 | 250.5 | 73.7 | 34.5 | 12.7 | 20.1 | 20.1 | 0.0 |
| 19:13:30 | 32 54.7 | -95 4.9 | -89.4 | 81.4 | 120.9 | 654 | 0.0 | 27.5 | -13.3 | 73.9 | 80.9 | 50.0 | 27.0 | 22.5 | 22.5 | 8.7 |
| 19:13:29 | 32 54.7 | -95 4.9 | 425.4 | 442.0 | 10349* | 657 | 40.7 | -21.8 | -7.1 | 73.8 | 77.8 | 0.0 | 210.9 | 306.5 | 89.6 | 210.0 |
| 19:14:00 | 32 56.7 | -95 6.2 | -90.5 | 81.9 | 122.1 | 520 | 311.3 | 1.8 | -2.6 | 936.5 | 77.2 | 34.5 | 12.9 | -16.9 | -18.9 | 0.2 |
| 19:14:00 | 32 58.7 | -95 5.2 | -89.8 | 82.7 | 122.1 | 538 | 311.1 | 1.6 | -2.7 | 250.5 | 77.2 | 34.8 | 12.1 | 19.9 | 19.9 | 0.0 |
| 19:14:00 | 32 56.0 | -95 6.6 | -90.7 | 81.9 | 122.3 | 661 | 0.0 | 23.4 | -16.5 | 77.7 | 84.3 | 50.0 | 26.1 | 22.6 | 22.6 | 9.0 |
| 19:13:59 | 32 56.0 | -95 6.6 | 424.7 | 441.3 | 10349* | 663 | 37.2 | -17.5 | -5.5 | 77.4 | 81.8 | 0.0 | 215.7 | 307.7 | 92.4 | 214.4 |
| 19:14:30 | 32 58.0 | -95 8.0 | -90.4 | 80.5 | 121.0 | 497 | 310.2 | 2.8 | -1.5 | 937.0 | 74.6 | 34.4 | 13.4 | -16.9 | -18.9 | 0.2 |
| 19:14:30 | 33 0.0 | -95 6.9 | -89.6 | 81.2 | 120.9 | 514 | 310.2 | 2.7 | -1.7 | 250.5 | 74.7 | 34.7 | 12.7 | 19.6 | 19.6 | 0.0 |
| 19:14:30 | 32 57.3 | -95 8.3 | -90.8 | 80.3 | 121.2 | 656 | 0.0 | 25.3 | -14.9 | 75.0 | 81.8 | 50.0 | 26.8 | 22.0 | 22.0 | 8.7 |
| 19:14:29 | 32 57.3 | -95 8.3 | 425.4 | 442.0 | 10349* | 659 | 38.7 | -20.1 | -6.5 | 74.8 | 78.5 | 0.0 | 212.2 | 305.0 | 90.6 | 211.2 |
| 19:15:00 | 32 59.3 | -95 9.7 | -91.1 | 80.0 | 121.2 | 523 | 311.5 | 1.6* | -2.2 | 936.5 | 72.5 | 34.4 | 13.8 | -16.9 | -18.9 | 0.2 |
| 19:15:00 | 33 1.3 | -95 8.6 | -90.4 | 80.7 | 121.2 | 542 | 311.2 | 1.4* | -2.3 | 250.5 | 72.5 | 34.8 | 13.2 | 19.8 | 19.8 | 0.0 |
| 19:15:00 | 32 58.6 | -95 10.1 | -91.4 | 79.8 | 121.3 | 664 | 0.0 | 18.5 | -17.1 | 72.9 | 79.2 | 50.0 | 27.3 | 22.4 | 22.4 | 8.4 |
| 19:14:59 | 32 58.6 | -95 10.1 | 426.1 | 442.8 | 10349* | 665 | 42.3 | -18.6 | -6.1 | 72.6 | 76.7 | 0.0 | 209.2 | 308.7 | 87.4 | 208.6 |
| 19:15:30 | 33 0.6 | -95 11.5 | -90.0 | 81.9 | 121.7 | 496 | 309.7 | 2.3 | -1.4 | 936.7 | 74.9 | 34.6 | 13.5 | -16.9 | -18.9 | 0.2 |
| 19:15:30 | 33 2.7 | -95 10.3 | -89.3 | 82.7 | 121.7 | 511 | 309.4 | 2.1 | -1.5 | 250.5 | 75.0 | 35.0 | 12.8 | 19.5 | 19.5 | 0.0 |
| 19:15:30 | 32 59.9 | -95 11.8 | -90.2 | 81.9 | 121.8 | 666 | 0.0 | 23.1 | -16.0 | 76.2 | 82.0 | 50.0 | 26.7 | 22.1 | 22.1 | 8.6 |
| 19:15:29 | 32 60.0 | -95 11.8 | 425.6 | 442.3 | 10349* | 659 | 42.4 | -7.4 | -1.9 | 75.3 | 79.2 | 0.0 | 212.6 | 305.6 | 90.4 | 211.7 |
| 19:16:00 | 33 1.9 | -95 13.2 | -91.1 | 81.7 | 122.4 | 484 | 309.8 | 2.1 | -1.7 | 936.7 | 78.1 | 34.9 | 13.1 | -16.9 | -18.9 | 0.3 |
| 19:16:00 | 33 4.0 | -95 12.1 | -90.4 | 82.4 | 122.4 | 500 | 309.6 | 2.0 | -1.9 | 250.6 | 78.1 | 35.3 | 12.3 | 19.4 | 19.4 | 0.0 |
| 19:16:00 | 33 1.3 | -95 13.6 | -91.5 | 81.5 | 122.5 | 657 | 0.0 | 23.3 | -16.8 | 78.5 | 85.3 | 50.0 | 25.9 | 22.2 | 22.2 | 8.9 |
| 19:15:59 | 33 1.3 | -95 13.6 | 424.9 | 441.6 | 10348* | 659 | 41.3 | -17.3 | -5.2 | 78.3 | 82.3 | 0.0 | 216.9 | 304.7 | 93.6 | 215.6 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 19:16:30 | 33 3.3 | -95 15.0 | -91.9 | 81.2 | 122.6 | 508 | 309.9 | 2.1 | -1.6* | 936.9 | 79.5 | 34.9 | 12.8 | -16.9 | -18.9 | 0.3 |
| 19:16:30 | 33 5.3 | -95 13.8 | -91.2 | 81.9 | 122.6 | 524 | 309.9 | 1.9 | -1.8* | 250.5 | 79.5 | 35.2 | 11.9 | 19.3 | 19.3 | 0.0 |
| 19:16:30 | 33 2.6 | -95 15.3 | -92.2 | 81.0 | 122.7 | 660 | 0.0 | 27.6 | -15.3 | 79.8 | 86.8 | 50.0 | 25.5 | 22.2 | 22.2 | 9.0 |
| 19:16:29 | 33 2.6 | -95 15.3 | 424.5 | 441.1 | 10349* | 657 | 41.2 | -18.2 | -5.8 | 79.8 | 83.9 | 0.0 | 218.8 | 305.3 | 94.9 | 217.2 |
| 19:17:00 | 33 4.5 | -95 16.8 | -107.6 | 48.4 | 117.9 | 496 | 290.7* | 2.9 | -25.9* | 937.1 | 74.0 | 34.6 | 13.7 | -16.9 | -18.9 | 0.3 |
| 19:17:00 | 33 6.6 | -95 15.6 | -106.9 | 49.0 | 117.6 | 514 | 290.4* | 2.7 | -26.1* | 250.5 | 74.0 | 34.8 | 12.9 | 19.8 | 19.8 | 0.0 |
| 19:17:00 | 33 3.8 | -95 17.1 | -106.9 | 50.7 | 118.3 | 655 | 0.0 | 28.1 | -13.8 | 75.7 | 81.4 | 50.0 | 26.9 | 22.5 | 22.5 | 8.5 |
| 19:16:59 | 33

A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 19:21:30 | 33 1.9 | -95 4.2 | 120.7 | -8.8 | 121.0 | 510 | 98.8 | 1.5 | -1.8 | 936.7 | 80.2 | 35.1 | 12.9 | -16.9 | -18.9 | 0.2 |
| 19:21:30 | 33 4.1 | -95 2.9 | 121.2 | -7.9 | 121.4 | 526 | 98.9 | 1.3 | -1.9 | 250.6 | 80.2 | 35.5 | 12.0 | 19.8 | 19.8 | 0.0 |
| 19:21:30 | 33 1.2 | -95 4.7 | 120.6 | -9.4 | 121.0 | 658 | 0.0 | 17.8 | -19.8 | 81.2 | 87.3 | 50.0 | 25.3 | 22.4 | 22.4 | 9.0 |
| 19:21:29 | 33 1.2 | -95 4.7 | 424.6 | 441.2 | 10348* | 659 | 40.5 | -10.9 | -3.3 | 80.4 | 84.6 | 0.0 | 219.7 | 103.4 | 97.7 | 218.0 |
| 19:22:00 | 33 1.8 | -95 1.9 | 121.0 | 3.4 | 121.1 | 512 | 92.1 | 1.5 | -1.6 | 936.5 | 78.8 | 34.9 | 12.9 | -16.9 | -18.9 | 0.1 |
| 19:22:00 | 33 4.0 | -95 0.6 | 121.5 | 4.3 | 121.6 | 532 | 91.9 | 1.3 | -1.8 | 250.6 | 78.8 | 35.2 | 12.1 | 19.5 | 19.5 | 0.0 |
| 19:22:00 | 33 1.1 | -95 2.4 | 121.0 | 2.7 | 121.0 | 657 | 0.0 | 22.7 | -17.5 | 79.8 | 86.0 | 50.0 | 25.7 | 22.3 | 22.3 | 9.0 |
| 19:21:59 | 33 1.1 | -95 2.3 | 424.7 | 441.3 | 10348* | 659 | 43.7 | -10.2 | -2.7 | 79.1 | 83.7 | 0.0 | 217.8 | 95.8 | 95.6 | 216.3 |
| 19:22:30 | 33 1.9 | -94 59.6 | 120.8 | 7.0 | 121.0 | 531 | 90.5 | 1.6 | -2.8 | 936.5 | 81.2 | 34.9 | 12.5 | -16.9 | -18.9 | 0.2 |
| 19:22:30 | 33 4.1 | -94 58.3 | 121.3 | 7.8 | 121.5 | 546 | 90.2 | 1.4 | -2.9 | 250.5 | 81.2 | 35.3 | 11.5 | 19.2 | 19.2 | 0.0 |
| 19:22:30 | 33 1.1 | -95 0.0 | 120.9 | 6.4 | 121.0 | 659 | 0.0 | 22.8 | -17.9 | 81.8 | 88.3 | 50.0 | 25.1 | 22.2 | 22.2 | 9.2 |
| 19:22:29 | 33 1.1 | -95 0.0 | 424.0 | 440.6 | 10349* | 659 | 43.3 | -12.3 | -3.5 | 81.5 | 85.3 | 0.0 | 221.0 | 94.1 | 98.5 | 219.1 |
| 19:23:00 | 33 2.0 | -94 57.2 | 121.3 | 8.1 | 121.5 | 518 | 89.4 | 1.8* | -1.0 | 936.5 | 80.8 | 35.4 | 13.0 | -16.9 | -18.9 | 0.2 |
| 19:23:00 | 33 4.2 | -94 55.9 | 121.7 | 9.0 | 122.0 | 534 | 89.1 | 1.7* | -1.1 | 250.5 | 80.8 | 35.7 | 12.0 | 19.5 | 19.5 | 0.0 |
| 19:23:00 | 33 1.3 | -94 57.7 | 121.3 | 7.4 | 121.5 | 656 | 0.0 | 29.3 | -15.3 | 81.6 | 88.4 | 50.0 | 25.2 | 22.2 | 22.2 | 8.9 |
| 19:22:59 | 33 1.3 | -94 57.7 | 424.8 | 441.4 | 10349* | 657 | 30.5 | -12.3 | -3.6 | 81.1 | 85.0 | 0.0 | 220.5 | 92.1 | 97.5 | 218.8 |
| 19:23:30 | 33 2.1 | -94 54.9 | 121.1 | 8.8 | 121.4 | 532 | 90.1 | 2.1 | -2.0 | 936.5 | 80.2 | 35.0 | 12.7 | -16.9 | -18.9 | 0.2 |
| 19:23:30 | 33 4.4 | -94 53.6 | 121.4 | 9.6 | 121.8 | 548 | 90.2 | 1.9 | -2.1 | 250.5 | 80.2 | 35.3 | 11.8 | 19.3 | 19.3 | 0.0 |
| 19:23:30 | 33 1.4 | -94 55.3 | 121.2 | 8.2 | 121.4 | 659 | 0.0 | 22.6 | -18.0 | 81.2 | 87.5 | 50.0 | 25.3 | 22.3 | 22.3 | 9.1 |
| 19:23:29 | 33 1.4 | -94 55.3 | 424.4 | 441.0 | 10349* | 660 | 40.7 | -9.9 | -2.8 | 80.5 | 84.7 | 0.0 | 219.7 | 94.6 | 97.3 | 218.0 |
| 19:24:00 | 33 2.2 | -94 52.6 | 120.8 | -0.2 | 120.8 | 557 | 94.3 | 1.9 | -1.5 | 936.9 | 80.2 | 34.7 | 12.5 | -16.9 | -18.9 | 0.2 |
| 19:24:00 | 33 4.5 | -94 51.2 | 121.1 | 0.7 | 121.1 | 575 | 94.2 | 1.8 | -1.7 | 250.5 | 80.2 | 35.1 | 11.6 | 19.2 | 19.2 | 0.0 |
| 19:24:00 | 33 1.4 | -94 53.0 | 120.9 | -0.9 | 120.9 | 655 | 0.0 | 21.8 | -18.2 | 81.3 | 87.4 | 50.0 | 25.3 | 22.0 | 22.0 | 9.2 |
| 19:23:59 | 33 1.4 | -94 53.0 | 424.1 | 440.7 | 10349* | 657 | 44.6 | -9.4 | -2.7 | 80.5 | 84.6 | 0.0 | 219.7 | 98.8 | 97.8 | 217.9 |
| 19:24:30 | 33 2.2 | -94 50.3 | 118.7 | -1.5 | 118.7 | 548 | 94.2 | 1.7 | -1.6 | 936.2 | 78.4 | 34.6 | 12.7 | -16.9 | -18.9 | 0.2 |
| 19:24:30 | 33 4.5 | -94 48.9 | 119.0 | -0.7 | 119.0 | 565 | 93.9 | 1.6 | -1.7 | 250.6 | 78.4 | 34.9 | 11.9 | 19.5 | 19.5 | 0.0 |
| 19:24:30 | 33 1.4 | -94 50.7 | 118.8 | -2.1 | 118.8 | 663 | 0.0 | 24.2 | -16.7 | 79.2 | 85.5 | 50.0 | 25.8 | 22.4 | 22.4 | 9.1 |
| 19:24:29 | 33 1.4 | -94 50.7 | 424.4 | 441.0 | 10348* | 664 | 42.9 | -13.0 | -3.8 | 78.7 | 82.8 | 0.0 | 217.3 | 97.0 | 97.3 | 215.7 |
| 19:25:00 | 33 2.2 | -94 48.0 | 118.2 | 2.0 | 118.2 | 557 | 93.1 | 1.5 | -1.5 | 935.9 | 77.9 | 34.7 | 12.9 | -16.9 | -18.8 | 0.3 |
| 19:25:00 | 33 4.5 | -94 46.7 | 118.5 | 2.7 | 118.5 | 573 | 92.8 | 1.3 | -1.7 | 250.6 | 77.9 | 35.0 | 12.1 | 19.4 | 19.4 | 0.0 |
| 19:25:00 | 33 1.4 | -94 48.4 | 118.3 | 1.5 | 118.3 | 667 | 0.0 | 21.4 | -17.7 | 79.1 | 85.0 | 50.0 | 25.9 | 22.0 | 22.0 | 9.0 |
| 19:24:59 | 33 1.4 | -94 48.4 | 424.7 | 441.3 | 10348* | 667 | 36.0 | -8.0 | -2.0 | 78.3 | 81.7 | 0.0 | 216.7 | 97.4 | 97.6 | 215.3 |
| 19:25:30 | 33 2.2 | -94 45.7 | 117.8 | 0.9 | 117.8 | 540 | 93.2 | 2.7 | -1.3 | 937.2 | 74.7 | 34.2 | 13.2 | -16.9 | -18.9 | 0.2 |
| 19:25:30 | 33 4.5 | -94 44.4 | 118.0 | 1.7 | 118.1 | 554 | 93.3 | 2.6 | -1.5 | 250.5 | 74.7 | 34.6 | 12.5 | 19.3 | 19.3 | 0.0 |
| 19:25:30 | 33 1.4 | -94 46.2 | 118.0 | 0.3 | 118.0 | 655 | 0.0 | 24.2 | -15.5 | 75.6 | 81.7 | 50.0 | 26.8 | 22.1 | 22.1 | 8.8 |
| 19:25:29 | 33 1.4 | -94 46.1 | 425.2 | 441.8 | 10349* | 655 | 44.4 | -13.1 | -3.7 | 75.0 | 79.5 | 0.0 | 212.3 | 96.1 | 93.8 | 211.3 |
| 19:26:00 | 33 2.2 | -94 43.5 | 115.1 | 0.7 | 115.1 | 521 | 93.2 | 3.1 | -1.5 | 937.1 | 73.5 | 34.1 | 13.4 | -16.9 | -18.8 | 0.3 |
| 19:26:00 | 33 4.5 | -94 42.1 | 115.4 | 1.4 | 115.4 | 537 | 93.1 | 2.9 | -1.7 | 250.6 | 73.5 | 34.5 | 12.7 | 19.0 | 19.0 | 0.0 |
| 19:26:00 | 33 1.4 | -94 43.9 | 115.4 | 0.1 | 115.4 | 657 | 0.0 | 27.5 | -13.5 | 74.1 | 80.5 | 50.0 | 27.1 | 21.6 | 21.6 | 8.7 |
| 19:25:59 | 33 1.4 | -94 43.9 | 425.4 | 442.0 | 10348* | 659 | 42.0 | -17.0 | -5.4 | 73.7 | 77.0 | 0.0 | 210.6 | 95.1 | 94.8 | 209.7 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 19:26:30 | 33 2.2 | -94 41.2 | 115.7 | 1.8 | 115.7 | 509 | 93.4 | 2.3 | -2.6 | 937.1 | 74.9 | 34.4 | 13.4 | -16.9 | -18.9 | 0.2 |
| 19:26:30 | 33 4.6 | -94 39.9 | 115.9 | 2.5 | 115.9 | 525 | 93.1 | 2.2 | -2.8 | 250.5 | 74.9 | 34.8 | 12.6 | 18.6 | 18.6 | 0.0 |
| 19:26:30 | 33 1.4 | -94 41.7 | 115.9 | 1.2 | 115.9 | 657 | 0.0 | 23.5 | -16.0 | 75.7 | 82.1 | 50.0 | 26.7 | 21.9 | 21.9 | 8.7 |
| 19:26:29 | 33 1.4 | -94 41.7 | 425.4 | 442.0 | 10349* | 659 | 38.6 | -16.2 | -5.0 | 75.2 | 79.6 | 0.0 | 212.6 | 96.5 | 96.3 | 211.6 |
| 19:27:00 | 33 2.3 | -94 39.0 | 116.0 | -1.5 | 116.0 | 482 | 94.3 | 2.2 | 0.3 | 936.9 | 76.7 | 34.2 | 12.7 | -16.9 | -18.9 | 0.3 |
| 19:27:00 | 33 4.6 | -94 37.6 | 116.2 | -0.8 | 116.2 | 497 | 93.9 | 2.1 | 0.1 | 250.5 | 76.7 | 34.5 | 11.9 | 19.6 | 19.6 | 0.0 |
| 19:27:00 | 33 1.4 | -94 39.4 | 116.3 | -1.9 | 116.3 | 658 | 0.0 | 26.2 | -15.4 | 77.6 | 83.8 | 50.0 | 26.2 | 22.1 | 22.1 | 9.1 |
| 19:26:59 | 33 1.4 | -94 39.4 | 424.4 | 441.1 | 10349* | 657 | 41.3 | -11.9 | -3.4 | 77.0 | 81.4 | 0.0 | 215.0 | 96.9 | 97.9 | 213.6 |
| 19:27:30 | 33 2.2 | -94 36.8 | 115.3 | -3.7 | 115.4 | 514 | 94.7 | 1.9 | 0.4* | 936.1 | 72.9 | 34.1 | 13.5 | -16.9 | -18.9 | 0.2 |
| 19:27:30 | 33 4.6 | -94 35.4 | 115.5 | -2.9 | 115.5 | 531 | 94.8 | 1.8 | 0.2* | 250.5 | 72.9 | 34.5 | 12.9 | 19.8 | 19.8 | 0.0 |
| 19:27:30 | 33 1.4 | -94 37.2 | 115.5 | -4.2 | 115.5 | 667 | 0.0 | 20.6 | -16.6 | 74.2 | 79.7 | 50.0 | 27.2 | 22.4 | 22.4 | 8.6 |
| 19:27:29 | 33 1.4 | -94 37.2 | 425.6 | 442.3 | 10349* | 666 | 38.1 | -7.1 | -1.7 | 73.2 | 76.6 | 0.0 | 209.7 | 97.5 | 93.9 | 209.0 |
| 19:28:00 | 33 2.1 | -94 34.5 | 117.8 | -1.1 | 117.8 | 510 | 94.9 | 2.5 | -4.0 | 937.5 | 73.7 | 33.9 | 13.1 | -16.9 | -18.9 | 0.3 |
| 19:28:00 | 33 4.5 | -94 33.2 | 118.0 | -0.4 | 118.0 | 527 | 94.7 | 2.4 | -4.1 | 250.5 | 73.7 | 34.2 | 12.4 | 19.4 | 19.4 | 0.0 |
| 19:28:00 | 33 1.3 | -94 35.0 | 118.0 | -2.1 | 118.1 | 653 | 0.0 | 21.3 | -16.6 | 75.1 | 80.6 | 50.0 | 27.0 | 22.0 | 22.0 | 8.8 |
| 19:27:59 | 33 1.3 | -94 35.0 | 425.0 | 441.6 | 10349* | 655 | 41.7 | -7.3 | -2.0 | 74.0 | 78.2 | 0.0 | 210.9 | 100.2 | 92.9 | 210.0 |
| 19:28:30 | 33 2.2 | -94 32.3 | 117.4 | 0.6 | 117.4 | 532 | 93.0 | 1.9 | -1.5 | 936.3 | 76.2 | 33.6 | 12.3 | -16.9 | -18.9 | 0.3 |
| 19:28:30 | 33 4.5 | -94 30.9 | 117.6 | 1.3 | 117.6 | 550 | 92.7 | 1.8 | -1.6 | 250.5 | 76.2 | 34.0 | 11.6 | 20.3 | 20.3 | 0.0 |
| 19:28:30 | 33 1.3 | -94 32.7 | 117.7 | 0.1 | 117.7 | 666 | 0.0 | 24.6 | -15.8 | 76.6 | 83.3 | 50.0 | 26.4 | 22.6 | 22.6 | 9.3 |
| 19:28:29 | 33 1.3 | -94 32.7 | 423.8 | 440.4 | 10349* | 667 | 44.4 | -17.4 | -5.4 | 76.4 | 80.3 | 0.0 | 214.3 | 94.5 | 95.5 | 212.8 |
| 19:29:00 | 33 2.2 | -94 30.0 | 117.5 | 0.7 | 117.5 | 550 | 92.7 | 2.2 | -0.8 | 936.4 | 76.9 | 33.5 | 12.1 | -16.9 | -18.9 | 0.3 |
| 19:29:00 | 33 4.6 | -94 28.6 | 117.6 | 1.3 | 117.6 | 568 | 92.3 | 2.1 | -1.0 | 250.6 | 76.9 | 33.9 | 11.3 | 20.5 | 20.5 | 0.0 |
| 19:29:00 | 33 1.3 | -94 30.4 | 117.8 | 0.0 | 117.8 | 664 | 0.0 | 22.2 | -17.2 | 78.0 | 83.9 | 50.0 | 26.2 | 22.5 | 22.5 | 9.5 |
| 19:28:59 | 33 1.3 | -94 30.4 | 423.5 | 440.1 | 10348* | 664 | 41.7 | -9.5 | -2.5 | 77.2 | 81.6 | 0.0 | 215.2 | 95.3 | 96.4 | 213.6 |
| 19:29:30 | 33 2.2 | -94 27.8 | 117.2 | 2.2 | 117.2 | 542 | 93.0 | 2.6 | -1.8 | 937.2 | 74.7 | 33.6 | 12.7 | -16.9 | -18.9 | 0.3 |
| 19:29:30 | 33 4.6 | -94 26.4 | 117.3 | 2.8 | 117.3 | 559 | 93.1 | 2.5 | -2.0 | 250.5 | 74.7 | 33.9 | 11.9 | 19.8 | 19.8 | 0.0 |
| 19:29:30 | 33 1.3 | -94 28.2 | 117.5 | 1.6 | 117.5 | 659 | 0.0 | 25.5 | -14.8 | 75.2 | 81.6 | 50.0 | 26.8 | 22.2 | 22.2 | 9.1 |
| 19:29:29 | 33 1.3 | -94 28.2 | 424.3 | 440.9 | 10349* | 659 | 37.4 | -16.4 | -5.0 | 74.9 | 78.6 | 0.0 | 212.2 | 95.8 | 94.2 | 211.0 |
| 19:30:00 | 33 2.2 | -94 25.5 | 117.2 | 1.1 | 117.2 | 535 | 92.7 | 2.7 | -1.4 | 937.0 | 76.1 | 33.6 | 12.3 | -16.9 | -18.9 | 0.2 |
| 19:30:00 | 33 4.6 | -94 24.1 | 117.2 | 1.7 | 117.2 | 555 | 92.5 | 2.5 | -1.6 | 250.5 | 76.1 | 33.9 | 11.5 | 20.3 | 20.3 | 0.0 |
| 19:30:00 | 33 1.4 | -94 25.9 | 117.5 | 0.4 | 117.5 | 658 | 0.0 | 27.2 | -14.6 | 76.8 | 83.3 | 50.0 | 26.4 | 22.5 | 22.5 | 9.4 |
| 19:29:59 | 33 1.4 | -94 25.9 | 423.8 | 440.3 | 10349* | 659 | 35.5 | -14.9 | -4.5 | 76.5 | 80.4 | 0.0 | 214.2 | 94.8 | 95.8 | 212.8 |
| 19:30:30 | 33 2.2 | -94 23.2 | 118.6 | 0.7 | 118.6 | 539 | 93.0 | 1.7 | -2.1 | 936.6 | 76.4 | 33.6 | 12.2 | -16.9 | -18.9 | 0.2 |
| 19:30:30 | 33 4.7 | -94 21.8 | 118.6 | 1.3 | 118.6 | 555 | 92.7 | 1.6 | -2.2 | 250.5 | 76.4 | 33.9 | 11.4 | 20.6 | 20.6 | 0.0 |
| 19:30:30 | 33 1.3 | -94 23.6 | 118.9 | 0.0 | 118.9 | 658 | 0.0 | 26.0 | -15.2 | 77.0 | 83.4 | 50.0 | 26.3 | 22.8 | 22.8 | 9.4 |
| 19:30:29 | 33 1.4 | -94 23.6 | 423.7 | 440.3 | 10349* | 664 | 34.6 | -14.1 | -4.2 | 76.7 | 79.9 | 0.0 | 214.6 | 95.4 | 94.7 | 213.1 |
| 19:31:00 | 33 2.2 | -94 20.9 | 119.2 | 0.8 | 119.2 | 543 | 92.2 | 1.4 | -1.2 | 936.3 | 78.0 | 33.8 | 12.1 | -16.9 | -18.9 | 0.1 |
| 19:31:00 | 33 4.7 | -94 19.6 | 119.2 | 1.4 | 119.2 | 563 | 91.9 | 1.2 | -1.3 | 250.5 | 78.0 | 34.2 | 11.3 | 20.4 | 20.4 | 0.0 |
| 19:31:00 | 33 1.4 | -94 21.3 | 119.5 | 0.2 | 119.5 | 660 | 0.0 | 20.6 | -18.2 | 78.9 | 85.0 | 50.0 | 25.9 | 22.8 | 22.8 | 9.5 |
| 19:30:59 | 33 1.4 | -94 21.3 | 423.5 | 440.1 | 10349* | 666 | 34.7 | -12.4 | -3.5 | 78.2 | 82.1 | 0.0 | 216.7 | 94.0 | 95.9 | 215.0 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 19:31:30 | 33 2.3 | -94 18.6 | 119.1 | 1.3 | 119.1 | 553 | 93.2 | 2.1 | -1.2 | 936.1 | 74.9 | 33.8 | 12.8 | -16.9 | -18.9 | 0.3 |
| 19:31:30 | 33 4.7 | -94 17.3 | 119.1 | 1.8 | 119.1 | 578 | 93.2 | 1.9 | -1.3 | 250.5 | 74.9 | 34.2 | 12.1 | 20.3 | 20.3 | 0.0 |
| 19:31:30 | 33 1.4 | -94 19.0 | 119.2 | 0.5 | 119.2 | 660 | 0.0 | 28.6 | -13.4 | 75.9 | 81.9 | 50.0 | 26.7 | 22.7 | 22.7 | 9.0 |
| 19:31:29 | 33 1.4 | -94 19.0 | 424.6 | 441.2 | 10349* | 666 | 34.4 | -9.7 | -2.8 | 75.2 | 79.9 | 0.0 | 212.5 | 97.0 | 92.6 | 211.3 |
| 19:32:00 | 33 2.3 | -94 16.4 | 119.0 | 0.2 | 119.0 | 570 | 93.4 | 1.6 | -2.6 | 936.2 | 79.8 | 33.8 | 11.7 | -16.9 | -18.9 | 0.3 |
| 19:32:00 | 33 4.7 | -94 15.0 | 118.9 | 0.8 | 118.9 | 588 | 93.3 | 1.5 | -2.7 | 250.5 | 79.8 | 34.3 | 10.9 | 20.2 | 20.2 | 0.0 |
| 19:32:00 | 33 1.4 | -94 16.7 | 119.3 | -0.3 | 119.3 | 664 | 0.0 | 21.6 | -18.4 | 80.1 | 86.9 | 50.0 | 25.4 | 22.5 | 22.5 | 9.7 |
| 19:31:59 | 33 1.4 | -94 16.7 | 423.0 | 439.5 | 10349* | 668 | 34.9 | -17.9 | -5.6 | 80.0 | 84.0 | 0.0 | 219.1 | 95.5 | 98.4 | 217.1 |
| 19:32:30 | 33 2.3 | -94 14.1 | 119.6 | 1.5 | 119.6 | 545 | 93.3* | 2.0* | -1.7 | 937.2 | 78.5 | 33.9 | 12.1 | -16.9 | -18.9 | 0.2 |
| 19:32:30 | 33 4.7 | -94 12.7 | 119.5 | 2.0 | 119.5 | 561 | 93.0* | 1.9* | -1.8 | 250.5 | 78.5 | 34.3 | 11.3 | 20.1 | 20.1 | 0.0 |
| 19:32:30 | 33 1.4 | -94 14.4 | 120.0 | 1.0 | 120.0 | 659 | 0.0 | 18.5 | -19.5 | 78.4 | 85.6 | 50.0 | 25.8 | 22.8 | 22.8 | 9.5 |
| 19:32:29 | 33 1.4 | -94 14.4 | 423.5 | 440.1 | 10349* | 661 | 40.7 | -23.2 | -7.8 | 78.5 | 82.4 | 0.0 | 217.4 | 94.7 | 96.3 | 215.6 |
| 19:33:00 | 33 2.3 | -94 11.8 | 119.2 | 1.7 | 119.2 | 541 | 92.5 | 2.1 | -1.1* | 936.5 | 78.8 | 33.9 | 12.0 | -16.9 | -18.9 | 0.1 |
| 19:33:00 | 33 4.8 | -94 10.4 | 119.1 | 2.2 | 119.1 | 557 | 92.1 | 1.9 | -1.2* | 250.5 | 78.8 | 34.2 | 11.2 | 20.1 | 20.1 | 0.0 |
| 19:33:00 | 33 1.4 | -94 12.1 | 119.7 | 1.1 | 119.7 | 658 | 0.0 | 28.7 | -14.5 | 79.6 | 86.0 | 50.0 | 25.7 | 22.7 | 22.7 | 9.5 |
| 19:32:59 | 33 1.4 | -94 12.1 | 423.4 | 439.9 | 10349* | 661 | 37.4 | -13.5 | -3.8 | 79.1 | 83.5 | 0.0 | 217.8 | 94.9 | 97.0 | 216.0 |
| 19:33:30 | 33 2.3 | -94 9.5 | 119.5 | 2.2 | 119.5 | 527 | 91.9 | 1.6* | -1.2 | 936.0 | 78.5 | 33.9 | 12.1 | -16.9 | -18.9 | 0.2 |
| 19:33:30 | 33 4.8 | -94 8.1 | 119.4 | 2.7 | 119.4 | 550 | 92.0 | 1.4 | -1.3 | 250.5 | 78.5 | 34.2 | 11.2 | 20.2 | 20.2 | 0.0 |
| 19:33:30 | 33 1.4 | -94 9.8 | 119.9 | 1.3 | 119.9 | 663 | 0.0 | 26.3 | -15.9 | 79.5 | 85.7 | 50.0 | 25.8 | 22.8 | 22.8 | 9.5 |
| 19:33:29 | 33 1.4 | -94 9.8 | 423.4 | 440.0 | 10349* | 668 | 34.6 | -10.6 | -2.9 | 78.8 | 83.4 | 0.0 | 217.5 | 94.5 | 96.4 | 215.7 |
| 19:34:00 | 33 2.4 | -94 7.2 | 119.8 | 1.9 | 119.9 | 568 | 91.8 | 1.4 | -0.6 | 935.9 | 79.1 | 33.9 | 12.0 | -16.9 | -18.9 | 0.2 |
| 19:34:00 | 33 4.9 | -94 5.8 | 119.7 | 2.5 | 119.7 | 585 | 91.6 | 1.3 | -0.7 | 250.5 | 79.2 | 34.4 | 11.2 | 20.2 | 20.2 | 0.0 |
| 19:34:00 | 33 1.4 | -94 7.5 | 120.3 | 1.3 | 120.3 | 667 | 0.0 | 18.2 | -19.8 | 80.5 | 86.3 | 50.0 | 25.6 | 22.6 | 22.6 | 9.6 |
| 19:33:59 | 33 1.4 | -94 7.5 | 423.3 | 439.9 | 10349* | 671 | 35.9 | -6.4 | -1.5 | 79.4 | 83.8 | 0.0 | 218.3 | 94.8 | 96.8 | 216.4 |
| 19:34:30 | 33 2.4 | -94 4.9 | 120.0 | 2.2 | 120.0 | 587 | 91.5 | 1.6 | -1.0* | 936.0 | 79.1 | 34.0 | 12.0 | -16.9 | -18.9 | 0.2 |
| 19:34:30 | 33 4.9 | -94 3.5 | 119.8 | 2.7 | 119.9 | 603 | 91.2 | 1.5 | -1.1* | 250.5 | 79.1 | 34.4 | 11.2 | 19.6 | 19.6 | 0.0 |
| 19:34:30 | 33 1.4 | -94 5.2 | 120.4 | 1.4 | 120.4 | 662 | 0.0 | 23.5 | -17.5 | 79.8 | 86.3 | 50.0 | 25.6 | 22.2 | 22.2 | 9.5 |
| 19:34:29 | 33 1.4 | -94 5.2 | 423.4 | 439.9 | 10349* | 669 | 44.2 | -14.4 | -4.5 | 79.4 | 83.1 | 0.0 | 218.3 | 92.8 | 96.5 | 216.4 |
| 19:35:00 | 33 2.4 | -94 2.6 | 120.2 | 1.4 | 120.2 | 579 | 91.4 | 1.3 | -1.2* | 935.9 | 77.2 | 33.9 | 12.3 | -16.9 | -18.9 | 0.2 |
| 19:35:00 | 33 4.9 | -94 1.2 | 120.1 | 1.8 | 120.1 | 595 | 91.1 | 1.1 | -1.3* | 250.5 | 77.3 | 34.2 | 11.5 | 20.0 | 20.0 | 0.0 |
| 19:35:00 | 33 1.4 | -94 2.9 | 120.6 | 0.4 | 120.6 | 665 | 0.0 | 19.1 | -18.8 | 78.7 | 84.2 | 50.0 | 26.1 | 22.4 | 22.4 | 9.3 |
| 19:34:59 | 33 1.4 | -94 2.9 | 423.8 | 440.4 | 10349* | 670 | 40.5 | -4.7 | -0.9 | 77.6 | 81.4 | 0.0 | 215.7 | 94.1 | 94.1 | 214.2 |
| 19:35:30 | 33 3.2 | -94 0.5 | 72.1 | 101.3 | 124.4 | 576 | 36.8* | 2.4 | -24.5 | 936.9 | 80.4 | 34.1 | 11.8 | -16.9 | -18.9 | 0.2 |
| 19:35:30 | 33 5.8 | -93 59.1 | 71.9 | 101.7 | 124.6 | 596 | 36.5* | 2.3 | -24.7 | 250.5 | 80.4 | 34.4 | 10.9 | 19.9 | 19.9 | 0.0 |
| 19:35:30 | 33 2.2 | -94 0.8 | 74.7 | 99.2 | 124.1 | 667 | 0.0 | 26.3 | -16.7 | 81.4 | 87.8 | 50.0 | 25.3 | 22.3 | 22.3 | 9.7 |
| 19:35:29 | 33 2.2 | -94 0.8 | 423.1 | 439.6 | 10349* | 665 | 42.4 | -10.4 | -3.3 | 80.8 | 84.8 | 0.0 | 220.1 | 40.2 | 93.8 | 218.0 |
| 19:36:00 | 33 5.2 | -94 0.0 | 3.5 | 124.6 | 124.7 | 546 | 2.7 | 2.9 | -1.9* | 937.2 | 75.8 | 33.7 | 12.5 | -16.9 | -18.9 | 0.3 |
| 19:36:00 | 33 7.7 | -93 58.7 | 3.2 | 125.0 | 125.0 | 564 | 2.8 | 2.7 | -2.1* | 250.5 | 75.8 | 34.0 | 11.7 | 20.1 | 20.1 | 0.0 |
| 19:36:00 | 33 4.1 | -94 0.3 | 4.1 | 124.1 | 124.2 | 662 | 0.0 | 25.7 | -15.1 | 76.4 | 82.9 | 50.0 | 26.5 | 22.4 | 22.4 | 9.2 |
| 19:35:59 | 33 4.2 | -94 0.3 | 424.1 | 440.7 | 10349* | 657 | 38.9 | -16.2 | -4.9 | 76.0 | 79.9 | 0.0 | 213.7 | 1.9 | 87.7 | 212.4 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 19:36:30 | 33 7.2 | -93 59.9 | 4.3 | 124.0 | 124.1 | 535 | 3.0 | 2.3 | -1.9 | 937.0 | 77.0 | 33.6 | 12.1 | -16.9 | -18.9 | 0.2 |
| 19:36:30 | 33 9.7 | -93 58.6 | 3.9 | 124.4 | 124.5 | 553 | 2.8 | 2.2 | -2.0 | 250.5 | 77.0 | 33.9 | 11.3 | 20.1 | 20.1 | 0.0 |
| 19:36:30 | 33 6.1 | -94 0.2 | 5.0 | 123.5 | 123.6 | 658 | 0.0 | 23.3 | -16.7 | 77.8 | 84.1 | 50.0 | 26.2 | 22.5 | 22.5 | 9.5 |
| 19:36:29 | 33 6.2 | -94 0.2 | 423.5 | 440.1 | 10349* | 660 | 35.4 | -13.6 | -3.9 | 77.3 | 81.4 | 0.0 | 215.4 | 2.6 | 89.7 | 213.8 |
| 19:37:00 | 33 9.2 | -93 59.9 | -13.8 | 122.3 | 123.1 | 523 | 353.0* | 3.4 | -26.1 | 937.5 | 73.9 | 33.5 | 12.7 | -16.9 | -18.9 | 0.3 |
| 19:37:00 | 33 11.7 | -93 58.6 | -14.0 | 122.6 | 123.4 | 539 | 352.7* | 3.2 | -26.2 | 250.5 | 73.8 | 33.7 | 11.9 | 19.7 | 19.7 | 0.0 |
| 19:37:00 | 33 8.1 | -94 0.1 | -9.5 | 122.2 | 122.6 | 656 | 0.0 | 30.5 | -12.5 | 74.4 | 81.1 | 50.0 | 27.0 | 22.3 | 22.3 | 9.1 |
| 19:36:59 | 33

A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 19:41:30 | 33 10.7 | -94 19.2 | -117.3 | 0.4 | 117.3 | 532 | 267.6 | 2.3 | -0.8* | 937.7 | 74.0 | 33.2 | 12.4 | -16.9 | -18.9 | 0.1 |
| 19:41:30 | 33 13.2 | -94 17.9 | -117.7 | 0.5 | 117.7 | 547 | 267.3 | 2.2 | -1.0* | 250.5 | 74.0 | 33.6 | 11.7 | 21.0 | 21.0 | 0.0 |
| 19:41:30 | 33 9.6 | -94 19.3 | -116.9 | -0.1 | 116.9 | 646 | 0.0 | 23.6 | -15.4 | 75.0 | 81.0 | 50.0 | 27.0 | 23.2 | 23.2 | 9.3 |
| 19:41:29 | 33 9.6 | -94 19.3 | 424.0 | 440.6 | 10349* | 652 | 31.9 | -12.1 | -3.3 | 74.3 | 78.5 | 0.0 | 211.2 | 262.8 | 93.1 | 210.0 |
| 19:42:00 | 33 10.7 | -94 21.4 | -118.0 | -0.2 | 118.0 | 509 | 268.5 | 2.5 | -2.1* | 938.2 | 74.3 | 33.3 | 12.5 | -16.9 | -18.9 | 0.3 |
| 19:42:00 | 33 13.2 | -94 20.2 | -118.3 | -0.1 | 118.3 | 525 | 268.2 | 2.3 | -2.3* | 250.6 | 74.3 | 33.7 | 11.8 | 20.7 | 20.7 | 0.0 |
| 19:42:00 | 33 9.6 | -94 21.6 | -117.6 | -0.7 | 117.6 | 642 | 0.0 | 25.6 | -14.6 | 75.0 | 81.3 | 50.0 | 26.9 | 23.0 | 23.0 | 9.2 |
| 19:41:59 | 33 9.6 | -94 21.6 | 424.1 | 440.7 | 10348* | 648 | 39.5 | -14.9 | -4.6 | 74.6 | 78.8 | 0.0 | 211.7 | 264.8 | 92.7 | 210.5 |
| 19:42:30 | 33 10.7 | -94 23.7 | -118.2 | -0.1 | 118.2 | 515 | 269.0 | 1.5 | -1.9 | 937.6 | 75.2 | 33.6 | 12.6 | -16.9 | -18.9 | 0.2 |
| 19:42:30 | 33 13.2 | -94 22.4 | -118.6 | 0.0 | 118.6 | 532 | 269.0 | 1.3 | -2.0 | 250.5 | 75.2 | 34.0 | 11.8 | 20.8 | 20.8 | 0.0 |
| 19:42:30 | 33 9.6 | -94 23.8 | -117.7 | -0.7 | 117.7 | 648 | 0.0 | 21.0 | -17.0 | 75.8 | 82.3 | 50.0 | 26.6 | 23.1 | 23.1 | 9.2 |
| 19:42:29 | 33 9.6 | -94 23.8 | 424.2 | 440.8 | 10349* | 654 | 35.5 | -17.0 | -5.3 | 75.4 | 79.8 | 0.0 | 213.0 | 265.4 | 93.7 | 211.7 |
| 19:43:00 | 33 10.7 | -94 26.0 | -119.0 | -0.0 | 119.0 | 516 | 267.7 | 1.4 | -1.4 | 937.2 | 76.3 | 33.9 | 12.5 | -16.9 | -18.9 | 0.2 |
| 19:43:00 | 33 13.3 | -94 24.7 | -119.3 | 0.1 | 119.3 | 533 | 267.5 | 1.3 | -1.6 | 250.6 | 76.3 | 34.3 | 11.8 | 20.1 | 20.1 | 0.0 |
| 19:43:00 | 33 9.6 | -94 26.1 | -118.5 | -0.5 | 118.5 | 650 | 0.0 | 22.3 | -16.8 | 77.4 | 83.4 | 50.0 | 26.3 | 22.2 | 22.2 | 9.2 |
| 19:42:59 | 33 9.6 | -94 26.1 | 424.2 | 440.7 | 10348* | 657 | 36.5 | -9.7 | -2.8 | 76.6 | 80.5 | 0.0 | 214.5 | 263.8 | 94.4 | 213.1 |
| 19:43:30 | 33 10.7 | -94 28.3 | -119.4 | -0.2 | 119.4 | 507 | 266.8 | 2.0 | -0.9 | 937.6 | 78.2 | 33.9 | 12.2 | -16.9 | -18.9 | 0.2 |
| 19:43:30 | 33 13.3 | -94 27.0 | -119.8 | -0.1 | 119.8 | 524 | 266.5 | 1.9 | -1.1 | 250.5 | 78.2 | 34.3 | 11.4 | 20.0 | 20.0 | 0.0 |
| 19:43:30 | 33 9.6 | -94 28.4 | -119.0 | -0.9 | 119.0 | 644 | 0.0 | 19.9 | -18.6 | 78.8 | 85.2 | 50.0 | 25.8 | 22.5 | 22.5 | 9.4 |
| 19:43:29 | 33 9.6 | -94 28.4 | 423.6 | 440.2 | 10349* | 651 | 38.4 | -15.2 | -4.5 | 78.4 | 82.5 | 0.0 | 217.0 | 260.8 | 96.6 | 215.3 |
| 19:44:00 | 33 10.7 | -94 30.6 | -119.8 | -0.9 | 119.8 | 521 | 266.8 | 1.7 | -1.3 | 937.3 | 76.8 | 33.8 | 12.4 | -16.9 | -18.8 | 0.1 |
| 19:44:00 | 33 13.3 | -94 29.4 | -120.2 | -0.8 | 120.2 | 537 | 266.5 | 1.5 | -1.5 | 250.5 | 76.8 | 34.2 | 11.7 | 20.4 | 20.4 | 0.0 |
| 19:44:00 | 33 9.5 | -94 30.7 | -119.3 | -1.5 | 119.4 | 646 | 0.0 | 20.6 | -17.8 | 77.5 | 83.9 | 50.0 | 26.2 | 22.4 | 22.4 | 9.3 |
| 19:43:59 | 33 9.5 | -94 30.7 | 424.0 | 440.5 | 10349* | 654 | 35.4 | -15.4 | -4.5 | 77.0 | 81.2 | 0.0 | 215.1 | 261.2 | 94.3 | 213.6 |
| 19:44:30 | 33 10.7 | -94 32.9 | -119.6 | 1.1 | 119.6 | 526 | 268.3 | 2.5 | -0.8* | 937.9 | 77.4 | 34.0 | 12.4 | -16.9 | -18.9 | 0.1 |
| 19:44:30 | 33 13.3 | -94 31.7 | -120.0 | 1.1 | 120.0 | 543 | 268.3 | 2.3 | -1.0* | 250.5 | 77.4 | 34.4 | 11.6 | 20.1 | 20.1 | 0.0 |
| 19:44:30 | 33 9.5 | -94 33.0 | -119.2 | 0.4 | 119.2 | 641 | 0.0 | 23.7 | -16.6 | 77.9 | 84.5 | 50.0 | 26.1 | 22.7 | 22.7 | 9.3 |
| 19:44:29 | 33 9.5 | -94 33.0 | 424.0 | 440.6 | 10349* | 648 | 38.4 | -17.8 | -5.6 | 77.6 | 81.6 | 0.0 | 215.9 | 262.9 | 95.2 | 214.4 |
| 19:45:00 | 33 10.7 | -94 35.2 | -118.9 | 1.7 | 118.9 | 516 | 268.6 | 2.0 | -1.3* | 937.4 | 74.5 | 34.0 | 13.1 | -16.9 | -18.8 | 0.2 |
| 19:45:00 | 33 13.3 | -94 34.0 | -119.3 | 1.7 | 119.3 | 535 | 268.4 | 1.8 | -1.4* | 250.5 | 74.5 | 34.3 | 12.3 | 19.9 | 19.9 | 0.0 |
| 19:45:00 | 33 9.5 | -94 35.3 | -118.4 | 1.2 | 118.4 | 645 | 0.0 | 28.2 | -13.5 | 75.5 | 81.5 | 50.0 | 26.8 | 22.5 | 22.5 | 8.9 |
| 19:44:59 | 33 9.5 | -94 35.3 | 425.0 | 441.6 | 10349* | 650 | 37.6 | -10.4 | -2.8 | 74.9 | 78.6 | 0.0 | 212.0 | 264.6 | 92.4 | 211.0 |
| 19:45:30 | 33 10.7 | -94 37.5 | -119.1 | 0.5 | 119.1 | 524 | 267.7 | 2.2 | -2.3 | 937.9 | 78.5 | 34.6 | 12.7 | -16.9 | -18.9 | 0.3 |
| 19:45:30 | 33 13.3 | -94 36.3 | -119.5 | 0.5 | 119.5 | 541 | 267.4 | 2.1 | -2.4 | 250.5 | 78.5 | 35.0 | 11.9 | 19.7 | 19.7 | 0.0 |
| 19:45:30 | 33 9.6 | -94 37.6 | -118.7 | -0.1 | 118.7 | 642 | 0.0 | 19.9 | -18.6 | 79.1 | 85.6 | 50.0 | 25.8 | 22.4 | 22.4 | 9.1 |
| 19:45:29 | 33 9.6 | -94 37.6 | 424.4 | 441.0 | 10349* | 648 | 43.5 | -16.6 | -5.0 | 78.7 | 82.8 | 0.0 | 217.5 | 262.5 | 97.4 | 215.9 |
| 19:46:00 | 33 10.7 | -94 39.8 | -120.5 | -1.6 | 120.5 | 525 | 267.3 | 2.1 | -1.9* | 937.9 | 75.5 | 34.3 | 13.1 | -16.9 | -18.9 | 0.1 |
| 19:46:00 | 33 13.3 | -94 38.6 | -120.9 | -1.5 | 121.0 | 544 | 267.0 | 1.9 | -2.0* | 250.5 | 75.5 | 34.7 | 12.4 | 19.5 | 19.5 | 0.0 |
| 19:46:00 | 33 9.5 | -94 39.9 | -120.1 | -1.9 | 120.1 | 642 | 0.0 | 23.6 | -16.0 | 76.5 | 82.6 | 50.0 | 26.6 | 22.1 | 22.1 | 8.8 |
| 19:45:59 | 33 9.5 | -94 39.9 | 425.0 | 441.7 | 10349* | 647 | 35.5 | -12.4 | -3.5 | 75.8 | 79.9 | 0.0 | 213.3 | 263.3 | 92.0 | 212.2 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 19:46:30 | 33 10.8 | -94 42.2 | -121.7 | 5.6 | 121.8 | 520 | 269.6 | 1.6 | -1.9 | 937.4 | 79.4 | 35.0 | 12.9 | -16.9 | -18.9 | 0.1 |
| 19:46:30 | 33 13.3 | -94 41.0 | -122.1 | 5.6 | 122.2 | 537 | 269.6 | 1.4 | -2.0 | 250.6 | 79.4 | 35.3 | 12.0 | 18.9 | 18.9 | 0.0 |
| 19:46:30 | 33 9.6 | -94 42.2 | -121.2 | 5.1 | 121.4 | 643 | 0.0 | 24.8 | -16.8 | 80.2 | 86.6 | 50.0 | 25.5 | 22.0 | 22.0 | 9.0 |
| 19:46:29 | 33 9.6 | -94 42.2 | 424.6 | 441.2 | 10348* | 649 | 35.3 | -12.6 | -3.5 | 79.7 | 83.9 | 0.0 | 218.6 | 264.2 | 95.8 | 217.1 |
| 19:47:00 | 33 10.8 | -94 44.5 | -120.6 | 3.0 | 120.7 | 514 | 269.1 | 1.8 | -2.8 | 937.4 | 76.8 | 34.9 | 13.4 | -16.9 | -18.9 | 0.2 |
| 19:47:00 | 33 13.4 | -94 43.3 | -121.1 | 3.0 | 121.1 | 530 | 269.0 | 1.6 | -3.0 | 250.5 | 76.8 | 35.3 | 12.7 | 19.4 | 19.4 | 0.0 |
| 19:47:00 | 33 9.6 | -94 44.5 | -120.2 | 2.5 | 120.2 | 647 | 0.0 | 22.9 | -16.8 | 77.2 | 83.9 | 50.0 | 26.2 | 21.9 | 21.9 | 8.6 |
| 19:46:59 | 33 9.6 | -94 44.5 | 425.5 | 442.1 | 10349* | 652 | 35.1 | -18.4 | -5.7 | 77.0 | 80.6 | 0.0 | 215.1 | 263.6 | 93.8 | 214.0 |
| 19:47:30 | 33 10.9 | -94 46.8 | -120.3 | 1.9 | 120.3 | 504 | 268.4 | 2.4 | -1.8 | 938.3 | 78.2 | 35.0 | 13.2 | -16.9 | -18.9 | 0.2 |
| 19:47:30 | 33 13.4 | -94 45.6 | -120.7 | 1.9 | 120.7 | 519 | 268.1 | 2.2 | -1.9 | 250.5 | 78.2 | 35.4 | 12.4 | 19.2 | 19.2 | 0.0 |
| 19:47:30 | 33 9.7 | -94 46.9 | -120.0 | 1.3 | 120.0 | 639 | 0.0 | 19.8 | -18.6 | 78.7 | 85.3 | 50.0 | 25.8 | 22.3 | 22.3 | 8.8 |
| 19:47:29 | 33 9.7 | -94 46.9 | 425.1 | 441.8 | 10349* | 643 | 36.5 | -17.4 | -5.3 | 78.4 | 82.3 | 0.0 | 217.1 | 262.8 | 96.0 | 215.8 |
| 19:48:00 | 33 10.9 | -94 49.1 | -119.8 | -0.4 | 119.8 | 516 | 267.0* | 1.9 | -1.4 | 937.7 | 76.8 | 34.7 | 13.2 | -16.9 | -18.9 | 0.2 |
| 19:48:00 | 33 13.4 | -94 48.0 | -120.2 | -0.4 | 120.2 | 532 | 266.7* | 1.8 | -1.6 | 250.5 | 76.8 | 35.0 | 12.4 | 19.2 | 19.2 | 0.0 |
| 19:48:00 | 33 9.7 | -94 49.2 | -119.4 | -0.6 | 119.4 | 639 | 0.0 | 24.4 | -16.2 | 78.5 | 84.0 | 50.0 | 26.2 | 22.1 | 22.1 | 8.8 |
| 19:47:59 | 33 9.7 | -94 49.2 | 425.1 | 441.8 | 10349* | 644 | 38.8 | -1.8 | 0.0 | 77.3 | 81.5 | 0.0 | 215.2 | 264.0 | 94.5 | 214.0 |
| 19:48:30 | 33 10.9 | -94 51.4 | -120.2 | 0.4 | 120.2 | 505 | 267.5 | 1.1 | -2.4 | 937.2 | 77.7 | 35.1 | 13.4 | -16.9 | -18.9 | 0.2 |
| 19:48:30 | 33 13.4 | -94 50.3 | -120.6 | 0.4 | 120.6 | 521 | 267.5 | 1.0 | -2.6 | 250.5 | 77.7 | 35.5 | 12.6 | 18.8 | 18.8 | 0.0 |
| 19:48:30 | 33 9.6 | -94 51.5 | -119.8 | -0.1 | 119.8 | 649 | 0.0 | 18.9 | -18.8 | 78.3 | 84.7 | 50.0 | 26.0 | 21.9 | 21.9 | 8.7 |
| 19:48:29 | 33 9.7 | -94 51.5 | 425.4 | 442.0 | 10349* | 654 | 40.4 | -15.9 | -4.8 | 77.9 | 81.6 | 0.0 | 216.4 | 262.0 | 95.4 | 215.2 |
| 19:49:00 | 33 10.9 | -94 53.8 | -121.1 | -0.3 | 121.1 | 495 | 267.0 | 2.0 | -1.1 | 937.9 | 78.8 | 35.4 | 13.4 | -16.9 | -18.9 | 0.2 |
| 19:49:00 | 33 13.4 | -94 52.6 | -121.6 | -0.3 | 121.6 | 510 | 266.9 | 1.9 | -1.3 | 250.5 | 78.8 | 35.7 | 12.5 | 19.2 | 19.2 | 0.0 |
| 19:49:00 | 33 9.6 | -94 53.8 | -120.8 | -0.9 | 120.8 | 638 | 0.0 | 23.8 | -17.0 | 79.7 | 86.0 | 50.0 | 25.7 | 22.2 | 22.2 | 8.7 |
| 19:48:59 | 33 9.6 | -94 53.8 | 425.4 | 442.1 | 10349* | 643 | 40.3 | -12.5 | -3.6 | 79.1 | 83.6 | 0.0 | 217.8 | 262.0 | 95.8 | 216.5 |
| 19:49:30 | 33 10.9 | -94 56.1 | -120.3 | 0.0 | 120.3 | 528 | 266.8 | 1.9* | -1.3 | 936.9 | 78.4 | 35.3 | 13.4 | -16.9 | -18.9 | 0.2 |
| 19:49:30 | 33 13.4 | -94 55.0 | -120.7 | 0.0 | 120.7 | 543 | 266.6 | 1.8* | -1.4 | 250.6 | 78.4 | 35.6 | 12.5 | 19.2 | 19.2 | 0.0 |
| 19:49:30 | 33 9.6 | -94 56.1 | -119.8 | -0.5 | 119.8 | 649 | 0.0 | 26.0 | -15.8 | 79.1 | 85.6 | 50.0 | 25.8 | 22.2 | 22.2 | 8.7 |
| 19:49:29 | 33 9.6 | -94 56.1 | 425.4 | 442.1 | 10348* | 652 | 40.0 | -14.5 | -4.2 | 78.7 | 82.8 | 0.0 | 217.3 | 261.0 | 96.3 | 216.0 |
| 19:50:00 | 33 10.9 | -94 58.4 | -118.6 | -0.4 | 118.6 | 508 | 267.6 | 1.6 | -1.8 | 937.1 | 74.5 | 34.8 | 13.8 | -16.9 | -18.9 | 0.2 |
| 19:50:00 | 33 13.4 | -94 57.3 | -119.0 | -0.4 | 119.0 | 524 | 267.3 | 1.4 | -1.9 | 250.5 | 74.5 | 35.2 | 13.1 | 19.3 | 19.3 | 0.0 |
| 19:50:00 | 33 9.6 | -94 58.4 | -118.2 | -1.0 | 118.2 | 649 | 0.0 | 25.5 | -14.6 | 75.1 | 81.5 | 50.0 | 26.8 | 22.2 | 22.2 | 8.4 |
| 19:49:59 | 33 9.6 | -94 58.4 | 426.1 | 442.8 | 10349* | 651 | 43.2 | -15.8 | -4.7 | 74.7 | 78.4 | 0.0 | 211.9 | 262.6 | 93.0 | 211.2 |
| 19:50:30 | 33 10.9 | -95 0.7 | -117.8 | 0.2 | 117.8 | 519 | 267.4 | 1.9 | -0.9 | 938.0 | 73.4 | 34.9 | 14.2 | -16.9 | -18.9 | 0.2 |
| 19:50:30 | 33 13.4 | -94 59.6 | -118.2 | 0.2 | 118.2 | 536 | 267.4 | 1.8 | -1.0 | 250.6 | 73.4 | 35.3 | 13.5 | 19.4 | 19.4 | 0.0 |
| 19:50:30 | 33 9.6 | -95 0.7 | -117.5 | -0.7 | 117.5 | 640 | 0.0 | 18.7 | -17.4 | 73.8 | 80.2 | 50.0 | 27.1 | 22.4 | 22.4 | 8.2 |
| 19:50:29 | 33 9.6 | -95 0.7 | 426.5 | 443.3 | 10348* | 643 | 42.9 | -19.1 | -6.2 | 73.5 | 77.2 | 0.0 | 210.4 | 261.0 | 92.7 | 209.9 |
| 19:51:00 | 33 10.9 | -95 3.0 | -118.2 | 0.4 | 118.2 | 494 | 267.8 | 2.4 | -1.7 | 938.2 | 75.9 | 35.1 | 13.7 | -16.9 | -18.9 | 0.3 |
| 19:51:00 | 33 13.4 | -95 1.9 | -118.6 | 0.4 | 118.6 | 508 | 267.6 | 2.2 | -1.9 | 250.5 | 75.9 | 35.4 | 13.0 | 19.3 | 19.3 | 0.0 |
| 19:51:00 | 33 9.6 | -95 3.0 | -117.8 | -0.3 | 117.8 | 638 | 0.0 | 24.8 | -15.6 | 76.4 | 83.1 | 50.0 | 26.4 | 22.1 | 22.1 | 8.5 |
| 19:50:59 | 33 9.6 | -95 3.0 | 425.9 | 442.6 | 10349* | 642 | 34.7 | -18.3 | -5.8 | 76.1 | 80.6 | 0.0 | 213.9 | 262.2 | 95.3 | 213.0 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 19:51:30 | 33 10.9 | -95 5.2 | -116.4 | 0.6 | 116.4 | 495 | 268.0 | 2.3 | -2.4 | 937.6 | 74.8 | 34.9 | 13.9 | -16.9 | -18.9 | 0.3 |
| 19:51:30 | 33 13.5 | -95 4.1 | -116.8 | 0.6 | 116.8 | 511 | 267.7 | 2.1 | -2.6 | 250.5 | 74.8 | 35.3 | 13.1 | 19.5 | 19.5 | 0.0 |
| 19:51:30 | 33 9.6 | -95 5.2 | -116.1 | 0.1 | 116.1 | 642 | 0.0 | 23.7 | -15.6 | 75.3 | 81.9 | 50.0 | 26.7 | 22.3 | 22.3 | 8.4 |
| 19:51:29 | 33 9.6 | -95 5.2 | 426.1 | 442.8 | 10349* | 647 | 44.1 | -17.2 | -5.1 | 75.0 | 78.5 | 0.0 | 212.4 | 262.8 | 95.7 | 211.7 |
| 19:52:00 | 33 10.9 | -95 7.5 | -116.6 | 1.2 | 116.6 | 502 | 266.7* | 2.7 | -1.4* | 937.2 | 73.9 | 34.9 | 14.1 | -16.9 | -18.9 | 0.2 |
| 19:52:00 | 33 13.5 | -95 6.4 | -116.9 | 1.2 | 117.0 | 519 | 266.4* | 2.5 | -1.6* | 250.5 | 73.9 | 35.3 | 13.4 | 19.4 | 19.4 | 0.0 |
| 19:52:00 | 33 9.6 | -95 7.5 | -116.3 | 0.9 | 116.3 | 653 | 0.0 | 28.6 | -13.2 | 75.3 | 81.0 | 50.0 | 27.0 | 22.2 | 22.2 | 8.3 |
| 19:51:59 | 33 9.6 | -95 7.5 | 426.4 | 443.2 | 10349* | 648 | 35.5 | -3.8 | -0.6 | 74.2 | 78.3 | 0.0 | 211.1 | 262.2 | 94.5 | 210.5 |
| 19:52:30 | 33 10.9 | -95 9.7 | -117.4 | -0.8 | 117.4 | 484 | 266.9 | 2.0 | -1.0 | 937.9 | 73.7 | 35.1 | 14.3 | -16.9 | -18.9 | 0.3 |
| 19:52:30 | 33 13.5 | -95 8.7 | -117.8 | -0.8 | 117.8 | 499 | 266.9 | 1.8 | -1.1 | 250.6 | 73.7 | 35.5 | 13.6 | 19.6 | 19.6 | 0.0 |
| 19:52:30 | 33 9.6 | -95 9.7 | -117.1 | -1.4 | 117.1 | 639 | 0.0 | 20.5 | -16.8 | 74.4 | 80.6 | 50.0 | 27.0 | 22.4 | 22.4 | 8.1 |
| 19:52:29 | 33 9.6 | -95 9.7 | 426.8 | 443.5 | 10348* | 645 | 41.6 | -15.0 | -4.5 | 73.9 | 77.9 | 0.0 | 210.9 | 261.3 | 93.5 | 210.4 |
| 19:53:00 | 33 10.9 | -95 12.0 | -116.1 | -0.3 | 116.1 | 468 | 267.0 | 2.1* | -1.4 | 937.4 | 77.0 | 35.5 | 13.9 | -16.9 | -18.9 | 0.3 |
| 19:53:00 | 33 13.5 | -95 10.9 | -116.5 | -0.3 | 116.5 | 484 | 266.9 | 2.0* | -1.5 | 250.5 | 77.0 | 35.9 | 13.1 | 19.3 | 19.3 | 0.0 |
| 19:53:00 | 33 9.6 | -95 12.0 | -115.9 | -0.7 | 115.9 | 638 | 0.0 | 28.8 | -14.0 | 77.8 | 84.2 | 50.0 | 26.2 | 22.4 | 22.4 | 8.4 |
| 19:52:59 | 33 9.6 | -95 12.0 | 426.2 | 442.9 | 10349* | 644 | 34.5 | -13.4 | -3.7 | 77.3 | 81.6 | 0.0 | 215.4 | 262.2 | 98.8 | 214.4 |
| 19:53:30 | 33 10.9 | -95 14.2 | -117.8 | -0.7 | 117.8 | 477 | 267.2 | 2.2 | -2.2* | 938.4 | 76.9 | 35.6 | 14.0 | -16.9 | -18.9 | 0.2 |
| 19:53:30 | 33 13.4 | -95 13.2 | -118.2 | -0.7 | 118.2 | 492 | 266.9 | 2.0 | -2.3* | 250.5 | 76.9 | 36.0 | 13.2 | 19.0 | 19.0 | 0.0 |
| 19:53:30 | 33 9.6 | -95 14.2 | -117.6 | -1.1 | 117.6 | 629 | 0.0 | 24.8 | -15.9 | 77.7 | 84.0 | 50.0 | 26.2 | 22.1 | 22.1 | 8.3 |
| 19:53:29 | 33 9.6 | -95 14.2 | 426.4 | 443.1 | 10349* | 637 | 39.6 | -13.8 | -4.0 | 77.1 | 81.2 | 0.0 | 215.2 | 262.7 | 96.9 | 214.4 |
| 19:54:00 | 33 10.9 | -95 16.5 | -115.5 | -0.0 | 115.5 | 478 | 267.1 | 2.7 | -1.1 | 938.0 | 72.1 | 35.0 | 14.5 | -16.9 | -18.9 | 0.2 |
| 19:54:00 | 33 13.4 | -95 15.4 | -115.9 | -0.0 | 115.9 | 492 | 266.8 | 2.6 | -1.3 | 250.5 | 72.1 | 35.3 | 13.8 | 19.2 | 19.2 | 0.0 |
| 19:54:00 | 33 9.6 | -95 16.4 | -115.3 | -0.5 | 115.3 | 640 | 0.0 | 26.6 | -13.4 | 72.9 | 79.0 | 50.0 | 27.4 | 22.2 | 22.2 | 8.0 |
| 19:53:59 | 33 9.6 | -95 16.5 | 427.1 | 443.8 | 10349* | 640 | 29.3 | -14.5 | -4.2 | 72.4 | 76.2 | 0.0 | 208.6 | 261.5 | 93.4 | 208.3 |
| 19:54:30 | 33 10.9 | -95 18.7 | -117.0 | 0.4 | 117.0 | 488 | 267.3 | 1.4 | -1.1* | 936.8 | 76.9 | 35.6 | 14.0 | -16.9 | -18.9 | 0.2 |
| 19:54:30 | 33 13.4 | -95 17.7 | -117.3 | 0.4 | 117.3 | 505 | 267.4 | 1.3 | -1.2* | 250.5 | 76.9 | 36.0 | 13.3 | 19.1 | 19.1 | 0.0 |
| 19:54:30 | 33 9.5 | -95 18.7 | -116.8 | -0.1 | 116.8 | 646 | 0.0 | 17.0 | -19.5 | 78.0 | 83.8 | 50.0 | 26.2 | 22.0 | 22.0 | 8.3 |
| 19:54:29 | 33 9.5 | -95 18.7 | 426.4 | 443.1 | 10349* | 651 | 43.6 | -9.6 | -2.7 | 77.1 | 81.1 | 0.0 | 215.3 | 263.0 | 97.8 | 214.4 |
| 19:55:00 | 33 10.7 | -95 21.0 | -103.7 | -52.5 | 116.2 | 595 | 239.6* | 6.7* | -23.5* | 926.4 | 76.8 | 34.7 | 13.2 | -16.9 | -18.9 | 0.3 |
| 19:55:00 | 33 13.2 | -95 19.9 | -103.9 | -52.4 | 116.4 | 612 | 239.5* | 6.6* | -23.6* | 250.6 | 76.8 | 35.0 | 12.3 | 18.9 | 18.9 | 0.0 |
| 19:55:00 | 33 9.3 | -95 20.9 | -105.1 | -50.5 | 116.6 | 741 | 0.0 | 34.3 | -12.1 | 78.2 | 84.8 | 50.0 | 26.2 | 22.0 | 22.0 | 8.8 |
| 19:54:59 | 33 9.3 | -95 20.9 | 425.1 | 441.8 | 10348* | 746 | 42.5 | -14.1 | -4.4 | 77.2 | 81.8 | 0.0 | 215.2 | 236.7 | 97.8 | 214.0 |
| 19:55:30 | 33 9.2 | -95 21.9 | 22.9 | -108.0 | 110.4 | 769 | 168.6* | 6.2 | -28.8 | 908.7 | 74.8 | 32.8 | 11.8 | -16.9 | -18.9 | 0.2 |
| 19:55:30 | 33 11.7 | -95 20.8 | 22.7 | -107.7 | 110.1 | 782 | 168.4* | 6.0 | -29.0 | 250.5 | 74.8 | 33.1 | 11.1 | 18.4 | 18.4 | 0.0 |
| 19:55:30 | 33 7.9 | -95 21.9 | 20.2 | -109.2 | 111.0 | 919 | 0.0 | 27.9 | -14.0 | 75.8 | 82.4 | 50.0 | 26.7 | 21.9 | 21.9 | 9.7 |
| 19:55:29 | 33 7.8 | -95 21.9 | 423.1 | 439.7 | 10349* | 920 | 36.3 | -16.0 | -5.2 | 75.1 | 78.4 | 0.0 | 212.3 | 170.3 | 100.3 | 210.9 |
| 19:56:00 | 33 8.2 | -95 20.3 | 117.1 | 7.7 | 117.4 | 936 | 89.7* | 5.7* | -29.5 | 891.3 | 71.7 | 31.2 | 11.1 | -16.9 | -18.9 | 0.3 |
| 19:56:00 | 33 10.7 | -95 19.2 | 116.8 | 8.0 | 117.0 | 945 | 89.5* | 5.5* | -29.7 | 250.6 | 71.7 | 31.5 | 10.4 | 18.3 | 18.3 | 0.0 |
| 19:56:00 | 33 6.8 | -95 20.3 | 117.0 | 0.1 | 117.0 | 1102 | 0.0 | 29.3 | -12.3 | 72.7 | 78.9 | 50.0 | 27.6 | 22.1 | 22.1 | 10.2 |
| 19:55:59 | 33 6.8 | -95 20.3 | 421.9 | 438.4 | 10348* | 1095 | 42.2 | -14.8 | -5.0 | 71.9 | 75.7 | 0.0 | 208.0 | 96.0 | 89.7 | 206.5 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 19:56:30 | 33 9.4 | -95 18.7 | 22.8 | 117.6 | 119.8 | 1119 | 9.7* | 7.2 | -29.6 | 871.9 | 66.1 | 29.1 | 10.4 | -16.9 | -18.8 | 0.3 |
| 19:56:30 | 33 11.9 | -95 17.7 | 22.3 | 117.7 | 119.8 | 1140 | 9.4* | 7.0 | -29.8 | 250.6 | 66.1 | 29.5 | 9.9 | 17.4 | 17.4 | 0.0 |
| 19:56:30 | 33 8.0 | -95 18.7 | 26.5 | 116.3 | 119.3 | 1273 | 0.0 | 42.0 | -4.4 | 67.5 | 73.6 | 50.0 | 29.1 | 21.8 | 21.8 | 10.7 |
| 19:56:29 | 33 8.0 | -95 18.7 | 420.9 | 437.4 | 10348* | 1278 | 39.2 | -13.5 | -4.1 | 66.2 | 70.4 | 0.0 | 199.9 | 11.3 | 78.7 | 198.7 |
| 19:57:00 | 33 11.0 | -95 19.6 | -103.7 | 48.3 | 114.4 | 1258* | 290.2* | 6.3 | -29.4 | 854.7 | 67.6 | 27.7 | 8.7 | -16.9 | -18.9 | 0.4 |
| 19:57:00 | 33 13.6 | -95 18.6 | -104.0 | 48.3 | 114.7 | 1307 | 289.9* | 6.1 | -29.6 | 250.5 | 67.5 | 28.1 | 8.2 | 15.8 | 15.8 | 0.0 |
| 19:57:00 | 33 9.6 | -95 19.6 | -102.6 | 51.2 | 114.7 | 1437 | 0.0 | 36.7 | -7.6 | 68.7 | 74.9 | 50.0 | 28.7 | 22.2 | 22.2 | 12.0 |
| 

A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 20:01:30 | 33 10.8 | -95 17.5 | 23.8 | 136.3 | 138.4 | 1276* | 8.8* | -1.9 | -28.7 | 807.3 | 82.2 | 25.4 | 3.4 | -16.9 | -18.9 | 0.3 |
| 20:01:30 | 33 13.4 | -95 16.5 | 23.4 | 136.5 | 138.5 | 1815 | 8.4* | -2.0 | -28.9 | 250.5 | 82.2 | 25.6 | 2.4 | 13.7 | 13.7 | 0.0 |
| 20:01:30 | 33 9.2 | -95 17.5 | 26.7 | 135.4 | 138.0 | 1936 | 0.0 | 28.7 | -15.8 | 81.9 | 88.8 | 50.0 | 24.8 | 18.3 | 18.3 | 17.7 |
| 20:01:29 | 33 9.3 | -95 17.5 | 410.5 | 426.4 | 10349* | 1948 | 43.1 | -15.5 | -5.1 | 82.6 | 86.1 | 0.0 | 222.4 | 8.6 | 77.7 | 216.9 |
| 20:02:00 | 33 13.0 | -95 17.9 | -33.1 | 132.7 | 136.8 | 1557 | 345.2 | -1.9 | -0.9* | 830.9 | 85.9 | 27.0 | 4.1 | -16.9 | -18.9 | 0.2 |
| 20:02:00 | 33 15.6 | -95 16.9 | -33.5 | 132.8 | 137.0 | 1569 | 345.2 | -2.0 | -1.0* | 250.6 | 85.9 | 27.3 | 3.0 | 17.0 | 17.0 | 0.0 |
| 20:02:00 | 33 11.4 | -95 17.9 | -33.1 | 132.3 | 136.4 | 1663 | 0.0 | 21.6 | -20.0 | 86.0 | 92.6 | 50.0 | 23.9 | 21.2 | 21.2 | 16.8 |
| 20:01:59 | 33 11.5 | -95 17.9 | 411.6 | 427.5 | 10348* | 1692 | 42.1 | -11.1 | -3.0 | 86.1 | 90.9 | 0.0 | 227.2 | 342.6 | 84.2 | 221.5 |
| 20:02:30 | 33 15.1 | -95 18.4 | -26.0 | 128.3 | 130.9 | 1364 | 347.0 | -0.7 | -1.6 | 848.9 | 78.7 | 28.7 | 7.2 | -16.9 | -18.9 | 0.3 |
| 20:02:30 | 33 17.7 | -95 17.5 | -26.4 | 128.5 | 131.2 | 1373 | 347.0 | -0.8 | -1.8 | 250.5 | 78.7 | 29.0 | 6.3 | 14.8 | 14.8 | 0.0 |
| 20:02:30 | 33 13.6 | -95 18.4 | -25.9 | 128.2 | 130.7 | 1517 | 0.0 | 24.1 | -16.9 | 79.4 | 85.1 | 50.0 | 25.7 | 20.1 | 20.1 | 13.4 |
| 20:02:29 | 33 13.6 | -95 18.4 | 416.3 | 432.5 | 10349* | 1508 | 43.0 | -4.8 | -1.1 | 79.0 | 83.5 | 0.0 | 217.7 | 344.7 | 82.8 | 214.0 |
| 20:03:00 | 33 17.1 | -95 18.9 | -26.7 | 122.9 | 125.7 | 1193 | 346.8 | -0.7 | -1.8* | 867.7 | 71.8 | 29.0 | 9.0 | -16.9 | -18.9 | 0.3 |
| 20:03:00 | 33 19.7 | -95 18.0 | -27.0 | 123.0 | 126.0 | 1205 | 346.5 | -0.8 | -2.0* | 250.5 | 71.8 | 29.3 | 8.3 | 17.5 | 17.5 | 0.0 |
| 20:03:00 | 33 15.6 | -95 18.9 | -26.5 | 122.6 | 125.4 | 1323 | 0.0 | 32.1 | -10.9 | 72.7 | 78.4 | 50.0 | 27.5 | 21.7 | 21.7 | 11.8 |
| 20:02:59 | 33 15.6 | -95 18.9 | 419.0 | 435.3 | 10349* | 1318 | 43.5 | -5.6 | -1.3 | 72.2 | 76.6 | 0.0 | 208.2 | 345.1 | 79.7 | 206.0 |
| 20:03:30 | 33 19.1 | -95 19.4 | -28.2 | 119.3 | 122.6 | 991 | 346.3 | -0.6 | -1.6 | 886.9 | 69.9 | 30.5 | 10.8 | -16.9 | -18.9 | 0.3 |
| 20:03:30 | 33 21.7 | -95 18.5 | -28.6 | 119.5 | 122.8 | 1007 | 346.0 | -0.7 | -1.8 | 250.5 | 69.9 | 30.8 | 10.1 | 18.3 | 18.3 | 0.0 |
| 20:03:30 | 33 17.6 | -95 19.4 | -28.1 | 119.1 | 122.4 | 1139 | 0.0 | 28.4 | -11.8 | 70.7 | 76.3 | 50.0 | 28.0 | 22.0 | 22.0 | 10.4 |
| 20:03:29 | 33 17.6 | -95 19.4 | 421.5 | 438.0 | 10349* | 1131 | 43.6 | -8.4 | -2.3 | 70.3 | 74.0 | 0.0 | 205.5 | 344.9 | 81.1 | 204.1 |
| 20:04:00 | 33 21.0 | -95 19.9 | 18.3 | 117.9 | 119.3 | 811 | 10.3* | 0.6 | 24.8* | 903.2 | 68.2 | 31.6 | 12.3 | -16.9 | -18.9 | 0.3 |
| 20:04:00 | 33 23.6 | -95 18.9 | 18.0 | 118.1 | 119.5 | 822 | 10.5* | 0.4 | 24.7* | 250.5 | 68.2 | 31.9 | 11.7 | 18.9 | 18.9 | 0.0 |
| 20:04:00 | 33 19.5 | -95 19.9 | 15.6 | 118.1 | 119.1 | 965 | 0.0 | 34.4 | -8.7 | 69.2 | 74.7 | 50.0 | 28.5 | 22.2 | 22.2 | 9.4 |
| 20:03:59 | 33 19.5 | -95 19.9 | 423.8 | 440.3 | 10349* | 959 | 44.1 | -8.1 | -1.6 | 68.6 | 73.2 | 0.0 | 203.1 | 7.5 | 82.8 | 202.4 |
| 20:04:30 | 33 22.3 | -95 18.5 | 108.1 | 23.9 | 110.7 | 648 | 83.0* | 0.7 | 23.7 | 921.3 | 61.4 | 32.7 | 14.9 | -16.9 | -18.9 | 0.2 |
| 20:04:30 | 33 24.9 | -95 17.5 | 107.9 | 24.2 | 110.6 | 662 | 82.8* | 0.6 | 23.5 | 250.5 | 61.4 | 33.3 | 14.7 | 19.0 | 19.0 | 0.0 |
| 20:04:30 | 33 20.8 | -95 18.5 | 107.3 | 25.9 | 110.4 | 793 | 0.0 | 36.9 | -5.1 | 62.4 | 68.0 | 50.0 | 30.4 | 22.0 | 22.0 | 7.8 |
| 20:04:29 | 33 20.8 | -95 18.5 | 427.6 | 444.4 | 10349* | 787 | 38.1 | -12.9 | -3.6 | 61.6 | 66.2 | 0.0 | 192.8 | 84.0 | 82.9 | 193.6 |
| 20:05:00 | 33 22.3 | -95 16.3 | 117.8 | -8.2 | 118.1 | 527 | 98.2 | 0.8 | -0.0 | 934.7 | 76.0 | 35.1 | 13.7 | -16.9 | -18.9 | 0.3 |
| 20:05:00 | 33 24.9 | -95 15.3 | 117.8 | -7.8 | 118.0 | 546 | 97.8 | 0.6 | -0.2 | 250.6 | 76.0 | 35.5 | 13.0 | 19.2 | 19.2 | 0.0 |
| 20:05:00 | 33 20.8 | -95 16.3 | 117.7 | -8.6 | 118.0 | 668 | 0.0 | 20.7 | -17.6 | 77.0 | 82.9 | 50.0 | 26.4 | 22.1 | 22.1 | 8.5 |
| 20:04:59 | 33 20.8 | -95 16.3 | 425.9 | 442.6 | 10348* | 667 | 40.6 | -11.2 | -3.2 | 76.3 | 80.5 | 0.0 | 214.1 | 101.9 | 95.5 | 213.2 |
| 20:05:30 | 33 22.1 | -95 14.0 | 118.7 | -12.0 | 119.3 | 509 | 100.2 | 2.3 | -1.7* | 936.8 | 77.0 | 35.4 | 13.8 | -16.9 | -18.9 | 0.3 |
| 20:05:30 | 33 24.8 | -95 13.0 | 118.7 | -11.7 | 119.2 | 526 | 100.3 | 2.1 | -1.9* | 250.5 | 77.0 | 35.7 | 13.0 | 19.3 | 19.3 | 0.0 |
| 20:05:30 | 33 20.6 | -95 14.0 | 118.8 | -12.7 | 119.5 | 641 | 0.0 | 25.9 | -15.5 | 77.4 | 84.1 | 50.0 | 26.2 | 22.2 | 22.2 | 8.4 |
| 20:05:29 | 33 20.6 | -95 14.0 | 426.0 | 442.7 | 10349* | 646 | 42.4 | -16.9 | -5.5 | 77.2 | 81.6 | 0.0 | 215.3 | 103.5 | 95.5 | 214.4 |
| 20:06:00 | 33 21.9 | -95 11.7 | 117.6 | -13.4 | 118.4 | 507 | 99.7 | 1.0 | -1.3 | 937.5 | 77.8 | 35.2 | 13.4 | -16.9 | -18.9 | 0.2 |
| 20:06:00 | 33 24.6 | -95 10.8 | 117.6 | -13.0 | 118.3 | 523 | 99.5 | 0.8 | -1.5 | 250.5 | 77.8 | 35.5 | 12.6 | 19.6 | 19.6 | 0.0 |
| 20:06:00 | 33 20.4 | -95 11.7 | 117.4 | -13.9 | 118.2 | 645 | 0.0 | 23.8 | -16.8 | 78.2 | 84.7 | 50.0 | 26.0 | 22.5 | 22.5 | 8.7 |
| 20:05:59 | 33 20.4 | -95 11.7 | 425.5 | 442.1 | 10349* | 640 | 36.3 | -16.1 | -5.1 | 78.1 | 80.8 | 0.0 | 216.5 | 101.4 | 97.0 | 215.3 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 20:06:30 | 33 21.8 | -95 9.4 | 116.5 | 5.8 | 116.6 | 517 | 90.7 | 2.3 | -6.8* | 937.5 | 72.3 | 34.8 | 14.3 | -16.9 | -18.9 | 0.3 |
| 20:06:30 | 33 24.4 | -95 8.5 | 116.4 | 6.2 | 116.6 | 532 | 90.3 | 2.2 | -6.9* | 250.6 | 72.3 | 35.1 | 13.6 | 19.3 | 19.3 | 0.0 |
| 20:06:30 | 33 20.2 | -95 9.5 | 116.4 | 5.0 | 116.5 | 639 | 0.0 | 26.4 | -13.7 | 73.2 | 79.3 | 50.0 | 27.4 | 22.0 | 22.0 | 8.1 |
| 20:06:29 | 33 20.2 | -95 9.5 | 426.8 | 443.5 | 10348* | 641 | 42.6 | -13.6 | -3.9 | 72.7 | 76.6 | 0.0 | 208.9 | 93.9 | 92.3 | 208.6 |
| 20:07:00 | 33 21.9 | -95 7.2 | 116.4 | 7.3 | 116.7 | 510 | 90.0 | 2.4 | -1.4* | 938.0 | 72.7 | 35.0 | 14.4 | -16.9 | -18.9 | 0.2 |
| 20:07:00 | 33 24.5 | -95 6.3 | 116.4 | 7.7 | 116.7 | 525 | 89.7 | 2.2 | -1.5* | 250.6 | 72.7 | 35.4 | 13.8 | 19.2 | 19.2 | 0.0 |
| 20:07:00 | 33 20.3 | -95 7.4 | 116.7 | 7.5 | 116.9 | 636 | 0.0 | 24.2 | -14.7 | 73.3 | 79.6 | 50.0 | 27.3 | 22.0 | 22.0 | 8.1 |
| 00:00:00 | 33 20.4 | -95 7.2 | 426.9 | 443.7 | 10348* | 636 | 37.5 | -16.9 | -5.2 | 72.9 | 76.6 | 0.0 | 209.5 | 92.0 | 92.7 | 209.1 |
| 20:07:30 | 33 21.9 | -95 4.9 | 114.4 | -1.5 | 114.4 | 521 | 94.5 | 3.2 | -1.8 | 938.0 | 71.5 | 34.9 | 14.6 | -16.9 | -18.9 | 0.3 |
| 20:07:30 | 33 24.6 | -95 4.0 | 114.4 | -1.1 | 114.4 | 537 | 94.6 | 3.1 | -1.9 | 250.6 | 71.5 | 35.2 | 13.9 | 19.2 | 19.2 | 0.0 |
| 20:07:30 | 33 20.4 | -95 5.0 | 114.3 | -2.1 | 114.3 | 639 | 0.0 | 27.1 | -13.0 | 72.7 | 78.4 | 50.0 | 27.6 | 22.0 | 22.0 | 8.0 |
| 20:07:29 | 33 20.4 | -95 5.0 | 427.2 | 443.9 | 10348* | 635 | 41.5 | -9.9 | -2.5 | 71.9 | 76.1 | 0.0 | 207.8 | 98.1 | 93.6 | 207.6 |
| 20:08:00 | 33 21.9 | -95 2.7 | 115.7 | -1.5 | 115.7 | 525 | 94.5 | 2.4 | -0.9 | 937.7 | 73.5 | 35.0 | 14.2 | -16.9 | -18.9 | 0.3 |
| 20:08:00 | 33 24.6 | -95 1.8 | 115.7 | -1.1 | 115.7 | 540 | 94.3 | 2.3 | -1.0 | 250.5 | 73.5 | 35.4 | 13.5 | 19.2 | 19.2 | 0.0 |
| 20:08:00 | 33 20.4 | -95 2.8 | 115.6 | -2.0 | 115.6 | 641 | 0.0 | 20.4 | -16.9 | 74.8 | 80.4 | 50.0 | 27.1 | 22.1 | 22.1 | 8.2 |
| 20:07:59 | 33 20.4 | -95 2.8 | 426.6 | 443.3 | 10349* | 639 | 42.5 | -8.3 | -2.1 | 73.8 | 78.6 | 0.0 | 210.6 | 98.3 | 94.8 | 210.1 |
| 20:08:30 | 33 21.9 | -95 0.5 | 114.5 | 0.4 | 114.5 | 535 | 93.8 | 2.4 | -2.4 | 937.3 | 70.9 | 34.7 | 14.6 | -16.9 | -18.9 | 0.2 |
| 20:08:30 | 33 24.6 | -94 59.6 | 114.6 | 0.8 | 114.6 | 550 | 93.5 | 2.3 | -2.5 | 250.5 | 70.9 | 35.1 | 13.9 | 19.2 | 19.2 | 0.0 |
| 20:08:30 | 33 20.3 | -95 0.6 | 114.3 | -0.2 | 114.3 | 646 | 0.0 | 22.1 | -15.0 | 72.1 | 77.5 | 50.0 | 27.8 | 21.9 | 21.9 | 8.0 |
| 20:08:29 | 33 20.3 | -95 0.6 | 427.2 | 443.9 | 10349* | 646 | 44.0 | -8.6 | -2.4 | 71.1 | 74.9 | 0.0 | 206.9 | 98.1 | 92.7 | 206.7 |
| 20:09:00 | 33 21.9 | -94 58.3 | 115.9 | 1.5 | 115.9 | 527 | 93.4 | 2.7 | -1.0* | 938.0 | 72.0 | 34.9 | 14.4 | -16.9 | -18.9 | 0.2 |
| 20:09:00 | 33 24.6 | -94 57.3 | 116.0 | 2.0 | 116.0 | 541 | 93.0 | 2.5 | -1.2* | 250.5 | 72.0 | 35.2 | 13.8 | 19.0 | 19.0 | 0.0 |
| 20:09:00 | 33 20.4 | -94 58.4 | 115.8 | 1.2 | 115.8 | 639 | 0.0 | 24.5 | -14.3 | 72.9 | 78.7 | 50.0 | 27.5 | 21.9 | 21.9 | 8.1 |
| 20:08:59 | 33 20.4 | -94 58.3 | 427.0 | 443.7 | 10349* | 638 | 42.5 | -12.5 | -3.5 | 72.3 | 76.1 | 0.0 | 208.4 | 96.9 | 92.7 | 208.2 |
| 20:09:30 | 33 21.9 | -94 56.1 | 114.6 | 1.8 | 114.6 | 524 | 93.4 | 3.1 | -2.0 | 937.9 | 73.7 | 34.9 | 14.1 | -16.9 | -18.9 | 0.2 |
| 20:09:30 | 33 24.6 | -94 55.1 | 114.7 | 2.3 | 114.7 | 539 | 93.4 | 3.0 | -2.1 | 250.5 | 73.7 | 35.2 | 13.3 | 19.0 | 19.0 | 0.0 |
| 20:09:30 | 33 20.4 | -94 56.1 | 114.5 | 1.2 | 114.5 | 641 | 0.0 | 27.7 | -13.4 | 74.8 | 80.7 | 50.0 | 27.0 | 21.8 | 21.8 | 8.3 |
| 20:09:29 | 33 20.4 | -94 56.1 | 426.4 | 443.1 | 10349* | 637 | 42.9 | -10.2 | -2.8 | 74.1 | 77.3 | 0.0 | 210.9 | 97.5 | 96.3 | 210.3 |
| 20:10:00 | 33 22.0 | -94 53.9 | 112.7 | 2.4 | 112.7 | 533 | 93.2 | 2.7 | -1.9 | 937.4 | 69.6 | 34.4 | 14.6 | -16.9 | -18.9 | 0.2 |
| 20:10:00 | 33 24.7 | -94 52.9 | 112.8 | 2.8 | 112.9 | 551 | 93.1 | 2.5 | -2.1 | 250.5 | 69.6 | 34.8 | 13.9 | 19.1 | 19.1 | 0.0 |
| 20:10:00 | 33 20.4 | -94 53.9 | 112.5 | 1.9 | 112.5 | 645 | 0.0 | 26.6 | -12.6 | 70.3 | 76.4 | 50.0 | 28.1 | 22.0 | 22.0 | 8.0 |
| 20:09:59 | 33 20.4 | -94 53.9 | 427.2 | 443.9 | 10349* | 645 | 44.2 | -15.8 | -4.7 | 69.9 | 73.6 | 0.0 | 205.1 | 96.3 | 92.8 | 205.1 |
| 20:10:30 | 33 22.0 | -94 51.7 | 114.2 | 2.4 | 114.2 | 534 | 93.1 | 2.4 | -1.7 | 937.2 | 71.4 | 34.6 | 14.3 | -16.9 | -18.9 | 0.2 |
| 20:10:30 | 33 24.7 | -94 50.7 | 114.4 | 2.9 | 114.4 | 550 | 92.8 | 2.3 | -1.9 | 250.5 | 71.4 | 34.9 | 13.7 | 19.2 | 19.2 | 0.0 |
| 20:10:30 | 33 20.4 | -94 51.8 | 114.0 | 1.9 | 114.0 | 646 | 0.0 | 24.0 | -14.3 | 72.2 | 78.1 | 50.0 | 27.6 | 21.8 | 21.8 | 8.1 |
| 20:10:29 | 33 20.4 | -94 51.7 | 426.8 | 443.5 | 10349* | 647 | 39.6 | -13.9 | -4.1 | 71.6 | 75.4 | 0.0 | 207.6 | 96.5 | 93.5 | 207.3 |
| 20:11:00 | 33 22.0 | -94 49.5 | 113.6 | 2.1 | 113.7 | 538 | 93.3 | 2.7 | -1.7 | 937.5 | 71.5 | 34.6 | 14.3 | -16.9 | -18.9 | 0.2 |
| 20:11:00 | 33 24.7 | -94 48.5 | 113.8 | 2.5 | 113.8 | 554 | 92.9 | 2.5 | -1.8 | 250.5 | 71.5 | 35.0 | 13.7 | 19.1 | 19.1 | 0.0 |
| 20:11:00 | 33 20.4 | -94 49.6 | 113.4 | 1.6 | 113.4 | 647 | 0.0 | 25.7 | -13.6 | 72.7 | 78.3 | 50.0 | 27.6 | 22.0 | 22.0 | 8.1 |
| 20:10:59 | 33 20.4 | -94 49.5 | 426.8 | 443.5 | 10349* | 643 | 42.5 | -9.2 | -2.6 | 71.9 | 76.1 | 0.0 | 207.8 | 97.5 | 94.4 | 207.5 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 20:11:30 | 33 22.1 | -94 47.3 | 115.3 | 3.6 | 115.4 | 544 | 92.1 | 1.9* | -2.8* | 937.8 | 73.1 | 35.0 | 14.3 | -16.9 | -18.9 | 0.2 |
| 20:11:30 | 33 24.8 | -94 46.3 | 115.5 | 4.1 | 115.6 | 561 | 92.2 | 1.6 | -2.7 | 250.6 | 73.1 | 35.3 | 13.6 | 18.9 | 18.9 | 0.0 |
| 20:11:30 | 33 20.5 | -94 47.4 | 115.2 | 3.4 | 115.2 | 643 | 0.0 | 24.4 | -15.0 | 73.6 | 80.0 | 50.0 | 27.2 | 22.0 | 22.0 | 8.1 |
| 20:11:29 | 33 20.5 | -94 47.3 | 426.8 | 443.5 | 10348* | 642 | 37.5 | -16.6 | -5.2 | 73.3 | 76.7 | 0.0 | 210.0 | 94.7 | 94.5 | 209.5 |
| 20:12:00 | 33 22.2 | -94 45.0 | 116.8 | 6.9 | 117.0 | 543 | 90.4 | 2.3 | -1.7 | 937.8 | 72.7 | 34.7 | 14.1 | -16.9 | -18.9 | 0.1 |
| 20:12:00 | 33 24.9 | -94 44.0 | 117.0 | 7.3 | 117.2 | 558 | 90.3 | 2.2 | -1.8 | 250.6 | 72.7 | 35.1 | 13.5 | 19.0 | 19.0 | 0.0 |
| 20:12:00 | 33 20.6 | -94 45.1 | 116.5 | 6.4 | 116.7 | 644 | 0.0 | 23.8 | -14.9 | 73.3 | 79.5 | 50.0 | 27.3 | 21.9 | 21.9 | 8.2 |
| 20:11:59 | 33 20.6 | -94 45.1 | 426.5 | 443.2 | 10348* | 643 | 38.6 | -16.1 | -5.1 | 72.9 | 77.0 | 0.0 | 209.4 | 92.8 | 92.3 | 209.0 |
| 20:12:30 | 33 22.2 | -94 42.8 | 116.2 | -3.6 | 116.3 | 530 | 95.8 | 2.8 | 0.5* | 937.9 | 72.8 | 35.0 | 14.4 | -16.9 | -18.9 | 0.1 |
| 20:12:30 | 33 24.9 | -94 41.8 | 116.5 | -3.1 | 116.5 | 549 | 95.6 | 2.6 | 0.3* | 250.5 | 72.8 | 35.4 | 13.7 | 18.5 | 18.5 | 0.0 |
| 20:12:30 | 33 20.6 | -94 42.9 | 116.0 | -3.8 | 116.0 | 638 | 0.0 | 22.7 | -15.4 | 73.6 | 79.7 | 50.0 | 27.2 | 21.4 | 21.4 | 8.1 |
| 20:12:29 | 33 20.6 | -94 42.8 | 426.9 | 443.6 | 10349* | 643 | 42.4 | -14.5 | -4.3 | 73.0 | 76.8 | 0.0 | 209.7 | 98.7 | 93.4 | 209.3 |
| 20:13:00 | 33 22.1 | -94 40.5 | 116.0 | -7.9 | 116.3 | 531 | 96.2 | 2.3 | -3.3 | 938.0 | 73.1 | 34.5 | 13.8 | -16.9 | -18.9 | 0.2 |
| 20:13:00 | 33 24.8 | -94 39.5 | 116.3 | -7.4 | 116.5 | 549 | 95.8 | 2.1 | -3.4 | 250.5 | 73.1 | 34.8 | 13.1 | 19.5 | 19.5 | 0.0 |
| 20:13:00 | 33 20.5 | -94 40.6 | 115.7 | -8.5 | 116.0 | 638 | 0.0 | 23.0 | -15.4 | 74.1 | 80.0 | 50.0 | 27.2 | 22.2 | 22.2 | 8.4 |
| 20:12:59 | 33 20.5 | -94 40.6 | 426.1 | 442.8 | 10349* | 642 | 36.3 | -11.9 | -3.3 | 73.4 | 77.1 | 0.0 | 210.0 | 97.7 | 93.3 | 209.4 |
| 20:13:30 | 33 22.0 | -94 38.3 | 117.0 | -0.5 | 117.0 | 539 | 93.5 | 2.1 | -2.1 | 937.3 | 76.4 | 34.3 | 13.0 | -16.9 | -18.9 | 0.2 |
| 20:13:30 | 33 24.8 | -94 37.3 | 117.3 | 0.0 | 117.3 | 552 | 93.6 | 2.0 | -2.3 | 250.5 | 76.4 | 34.7 | 12.2 | 19.9 | 19.9 | 0.0 |
| 20:13:30 | 33 20.4 | -94 38.4 | 116.8 | -0.8 | 116.8 | 644 | 0.0 | 27.3 | -14.5 | 76.9 | 83.4 | 50.0 | 26.3 | 22.4 | 22.4 | 8.9 |
| 20:13:29 | 33 20.4 | -94 38.4 | 424.8 | 441.4 | 10349* | 648 | 36.6 | -17.0 | -5.4 | 76.6 | 80.6 | 0.0 | 214.5 | 95.3 | 96.4 | 213.3 |
| 20:14:00 | 33 22.0 | -94 36.0 | 116.3 | 0.4 | 116.3 | 550 | 93.6 | 2.2 | -1.8 | 937.4 | 75.6 | 34.1 | 12.9 | -16.9 | -18.9 | 0.1 |
| 20:14:00 | 33 24.8 | -94 35.0 | 116.7 | 1.0 | 116.7 | 567 | 93.5 | 2.0 | -2.0 | 250.6 | 75.6 | 34.4 | 12.1 | 20.3 | 20.3 | 0.0 |
| 20:14:00 | 33 20.4 | -94 36.1 | 116.0 | -0.1 | 116.0 | 645 | 0.0 | 22.3 | -16.7 | 76.8 | 82.6 | 50.0 | 26.5 | 22.6 | 22.6 | 9.0 |
| 20:13:59 | 33 20.4 | -94 36.1 | 424.6 | 441.2 | 10348* | 647 | 40.6 | -8.9 | -2.4 | 75.9 | 80.1 | 0.0 | 213.5 | 97.5 | 96.4 | 212.3 |
| 20:14:30 | 33 22.0 | -94 33.8 | 116.5 | 0.4 | 116.5 | 547 | 93.0 | 1.8 | -2.4* | 937.2 | 74.0 | 34.0 | 13.2 | -16.9 | -18.9 | 0.2 |
| 20:14:30 | 33 24.8 | -94 32.8 | 116.8 | 0.9 | 116.9 | 564 | 92.7 | 1.6 | -2.5* | 250.6 | 74.0 | 34.4 | 12.5 | 20.5 | 20.5 | 0.0 |
| 20:14:30 | 33 20.4 | -94 33.9 | 116.1 | -0.1 | 116.1 | 650 | 0.0 | 20.1 | -16.9 | 75.3 | 80.9 | 50.0 | 26.9 | 22.8 | 22.8 | 8.8 |
| 20:14:29 | 33 20.4 | -94 33.9 | 425.1 | 441.7 | 10348* | 651 | 37.6 | -8.2 | -2.1 | 74.2 | 78.2 | 0.0 | 211.3 | 96.3 | 94.2 | 210.3 |
| 20:15:00 | 33 22.0 | -94 31.5 | 115.9 | 0.5 | 116.0 | 540 | 93.4 | 2.7* | -2.3* | 937.5 | 74.6 | 33.8 | 12.9 | -16.9 | -18.9 | 0.1 |
| 20:15:00 | 33 24.8 | -94 30.5 | 116.3 | 1.0 | 116.3 | 557 | 93.0 | 2.2 | -1.8 | 250.5 | 74.6 | 34.2 | 12.2 | 20.2 | 20.2 | 0.0 |
| 20:15:00 | 33 20.4 | -94 31.6 | 115.6 | 0.2 | 115.6 | 649 | 0.0 | 19.3 | -17.6 | 75.5 | 81.4 | 50.0 | 26.8 | 22.4 | 22.4 | 9.0 |
| 20:14:59 | 33 20.4 | -94 31.6 | 424.7 | 441.3 | 10349* | 650 | 42.0 | -12.7 | -3.6 | 74.8 | 78.4 | 0.0 | 212.0 | 96.3 | 95.3 | 211.0 |
| 20:15:30 | 33 22.1 | -94 29.3 | 115.9 | 0.6 | 115.9 | 531 | 93.0 | 2.0 | -1.7* | 937.2 | 73.5 | 33.7 | 13.0 | -16.9 | -18.9 | 0.2 |
| 20:15:30 | 33 24.8 | -94 28.3 | 116.3 | 1.2 | 116.3 | 547 | 93.0 | 1.8 | -1.8* | 250.6 | 73.5 | 34.0 | 12.3 | 20.3 | 20.3 | 0.0 |
| 20:15:30 | 33 20.4 | -94 29.4 | 115.4 | 0.2 | 115.4 | 648 | 0.0 | 26.2 | -14.1 | 74.4 | 80.4 | 50.0 | 27.1 | 22.7 | 22.7 | 8.9 |
| 20:15:29 | 33 20.4 | -94 29.4 | 424.8 | 441.5 | 10348* | 651 | 41.0 | -12.5 | -3.6 | 73.8 | 77.7 | 0.0 | 210.5 | 95.5 | 94.0 | 209.6 |
| 20:16:00 | 33 22.1 | -94 27.0 | 117.1 | 0.5 | 117.1 | 534 | 93.4 | 2.2 | -1.4 | 937.4 | 74.6 | 33.7 | 12.8 | -16.9 | -18.9 | 0.2 |
| 20:16:00 | 33 24.8 | -94 26.0 | 117.5 | 1.0 | 117.5 | 551 | 93.2 | 2.1 | -1.5 | 250.5 | 74.6 | 34.1 | 12.1 | 20.6 | 20.6 | 0.0 |
| 20:16:00 | 33 20.4 | -94 27.2 | 116.7 | 0.2 | 116.7 | 649 | 0.0 | 23.0 | -15.9 | 75.4 | 81.5 | 50.0 | 26.8 | 22.6 | 22.6 | 9.1 |
| 20:15:59 | 33 20.4 | -94 27.2 | 424.5 | 441.1 | 10349* | 650 | 43.1 | -14.1 | -4.0 | 74.9 | 78.8 | 0.0 | 212.1 | 96.0 | 94.1 | 210.9 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 20:16:30 | 33 22.1 | -94 24.8 | 115.9 | 0.0 | 115.9 | 560 | 92.7 | 2.7 | -1.0 | 937.4 | 75.2 | 33.9 | 12.8 | -16.9 | -18.9 | 0.2 |
| 20:16:30 | 33 24.9 | -94 23.7 | 116.4 | 0.6 | 116.4 | 575 | 92.4 | 2.5 | -1.1 | 250.6 | 75.2 | 34.3 | 12.1 | 20.1 | 20.1 | 0.0 |
| 20:16:30 | 33 20.4 | -94 24.9 | 115.6 | -0.0 | 115.6 | 645 | 0.0 | 25.2 | -15.1 | 75.6 | 82.3 | 50.0 | 26.6 | 22.4 | 22.4 | 9.0 |
| 20:16:29 | 33 20.4 | -94 24.9 | 424.5 | 441.1 | 10348* | 650 | 33.0 | -18.0 | -5.6 | 75.4 | 78.9 | 0.0 | 212.9 | 93.3 | 95.9 | 211.7 |
| 20:17:00 | 33 22.1 | -94 22.5 | 117.3 | -0.7 | 117.3 | 535 | 93.3 | 2.5 | -1.9 | 937.8 | 73.0 | 33.7 | 13.1 | -16.9 | -18.9 | 0.1 |
| 20:17:00 | 33 24.9 | -94 21.5 | 117.8 | -0.1 | 117.8 | 550 | 93.0 | 2.3 | -2.0 | 250.5 | 73.0 | 34.1 | 12.5 | 20.2 | 20.2 | 0.0 |
| 20:17:00 | 33 20.4 | -94 22.7 | 116.9 | -1.0 | 116.9 | 643 | 0.0 | 24.1 | -15.0 | 74.1 | 79.9 | 50.0 | 27.2 | 22.4 | 22.4 

A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 20:21:30 | 33 22.0 | -94 2.1 | 118.5 | 1.4 | 118.5 | 565 | 92.6 | 1.7 | -1.6 | 936.1 | 79.7 | 34.3 | 12.2 | -16.9 | -18.9 | 0.2 |
| 20:21:30 | 33 24.9 | -94 0.9 | 119.3 | 2.1 | 119.3 | 583 | 92.6 | 1.5 | -1.8 | 250.5 | 79.7 | 34.7 | 11.4 | 19.8 | 19.8 | 0.0 |
| 20:21:30 | 33 20.3 | -94 2.3 | 118.1 | 1.3 | 118.1 | 655 | 0.0 | 19.9 | -19.2 | 80.3 | 86.9 | 50.0 | 25.4 | 22.3 | 22.3 | 9.4 |
| 20:21:29 | 33 20.3 | -94 2.3 | 423.6 | 440.2 | 10349* | 664 | 33.6 | -14.5 | -4.1 | 79.9 | 84.2 | 0.0 | 219.1 | 94.7 | 98.9 | 217.2 |
| 20:22:00 | 33 22.0 | -93 59.8 | 119.3 | 1.4 | 119.3 | 553 | 92.9 | 2.5 | -1.7 | 936.8 | 77.8 | 34.0 | 12.3 | -16.9 | -18.9 | 0.1 |
| 20:22:00 | 33 24.9 | -93 58.6 | 120.1 | 2.1 | 120.1 | 569 | 92.7 | 2.3 | -1.8 | 250.5 | 77.8 | 34.4 | 11.5 | 20.0 | 20.0 | 0.0 |
| 20:22:00 | 33 20.3 | -94 0.0 | 118.9 | 1.2 | 118.9 | 654 | 0.0 | 22.1 | -17.4 | 78.4 | 84.9 | 50.0 | 25.9 | 22.3 | 22.3 | 9.4 |
| 20:21:59 | 33 20.3 | -94 0.0 | 423.8 | 440.4 | 10349* | 657 | 41.2 | -16.6 | -5.3 | 78.0 | 82.3 | 0.0 | 216.5 | 95.0 | 95.8 | 214.9 |
| 20:22:30 | 33 22.1 | -93 57.5 | 119.2 | 2.3 | 119.2 | 551 | 92.8 | 2.2 | -2.3* | 936.8 | 76.1 | 33.9 | 12.6 | -16.9 | -18.9 | 0.1 |
| 20:22:30 | 33 25.0 | -93 56.3 | 120.0 | 3.0 | 120.0 | 568 | 92.5 | 2.0 | -2.4* | 250.5 | 76.1 | 34.3 | 11.9 | 19.7 | 19.7 | 0.0 |
| 20:22:30 | 33 20.3 | -93 57.7 | 118.7 | 2.0 | 118.8 | 654 | 0.0 | 18.2 | -18.7 | 76.7 | 83.0 | 50.0 | 26.4 | 22.2 | 22.2 | 9.2 |
| 20:22:29 | 33 20.3 | -93 57.7 | 424.3 | 440.9 | 10349* | 659 | 36.2 | -15.6 | -4.9 | 76.3 | 80.0 | 0.0 | 214.2 | 95.7 | 94.0 | 212.9 |
| 20:23:00 | 33 22.1 | -93 55.2 | 117.8 | 24.6 | 120.3 | 530 | 79.8* | 2.0* | -25.9 | 936.4 | 80.2 | 34.3 | 12.1 | -16.9 | -18.9 | 0.1 |
| 20:23:00 | 33 25.0 | -93 54.0 | 118.5 | 25.3 | 121.2 | 548 | 79.5* | 1.8* | -26.0 | 250.6 | 80.2 | 34.6 | 11.1 | 20.7 | 20.7 | 0.0 |
| 20:23:00 | 33 20.4 | -93 55.4 | 117.7 | 21.5 | 119.6 | 658 | 0.0 | 30.1 | -14.9 | 80.5 | 87.7 | 50.0 | 25.3 | 23.0 | 23.0 | 9.5 |
| 20:22:59 | 33 20.4 | -93 55.4 | 423.4 | 440.0 | 10348* | 662 | 42.8 | -18.8 | -6.2 | 80.4 | 83.9 | 0.0 | 219.8 | 82.5 | 97.6 | 217.8 |
| 20:23:30 | 33 23.4 | -93 53.5 | 39.3 | 116.3 | 122.8 | 530 | 18.8* | 2.6 | -24.6 | 937.0 | 75.6 | 33.7 | 12.5 | -16.9 | -18.8 | 0.2 |
| 20:23:30 | 33 26.3 | -93 52.3 | 40.1 | 116.9 | 123.6 | 542 | 18.4* | 2.4 | -24.8 | 250.6 | 75.6 | 34.0 | 11.7 | 20.1 | 20.1 | 0.0 |
| 20:23:30 | 33 21.6 | -93 53.7 | 41.3 | 115.4 | 122.5 | 656 | 0.0 | 26.0 | -15.1 | 76.4 | 82.6 | 50.0 | 26.5 | 22.5 | 22.5 | 9.2 |
| 20:23:29 | 33 21.6 | -93 53.7 | 424.1 | 440.7 | 10348* | 660 | 43.2 | -13.7 | -4.2 | 75.9 | 79.5 | 0.0 | 213.5 | 19.9 | 89.4 | 212.2 |
| 20:24:00 | 33 25.3 | -93 53.3 | 5.8 | 122.2 | 122.3 | 513 | 4.0 | 2.7 | -1.8 | 936.5 | 74.5 | 33.6 | 12.7 | -16.9 | -18.9 | 0.2 |
| 20:24:00 | 33 28.3 | -93 52.0 | 6.5 | 122.8 | 122.9 | 527 | 4.0 | 2.5 | -1.9 | 250.5 | 74.5 | 34.0 | 12.0 | 20.3 | 20.3 | 0.0 |
| 20:24:00 | 33 23.6 | -93 53.5 | 5.5 | 122.3 | 122.4 | 662 | 0.0 | 23.8 | -15.4 | 75.5 | 81.4 | 50.0 | 26.8 | 22.5 | 22.5 | 9.1 |
| 20:23:59 | 33 23.6 | -93 53.5 | 424.4 | 441.0 | 10349* | 660 | 42.2 | -11.1 | -3.1 | 74.7 | 78.8 | 0.0 | 211.9 | 4.4 | 88.4 | 210.8 |
| 20:24:30 | 33 27.3 | -93 53.2 | 5.7 | 119.9 | 120.0 | 546 | 3.5 | 3.0 | -2.0 | 937.0 | 69.2 | 33.4 | 13.7 | -16.9 | -18.9 | 0.2 |
| 20:24:30 | 33 30.3 | -93 51.9 | 6.5 | 120.4 | 120.6 | 561 | 3.4 | 2.9 | -2.1 | 250.5 | 69.2 | 33.7 | 13.1 | 20.1 | 20.1 | 0.0 |
| 20:24:30 | 33 25.6 | -93 53.4 | 5.4 | 120.0 | 120.1 | 655 | 0.0 | 19.6 | -15.6 | 70.2 | 75.8 | 50.0 | 28.2 | 22.4 | 22.4 | 8.5 |
| 20:24:29 | 33 25.6 | -93 53.4 | 425.8 | 442.5 | 10349* | 658 | 39.8 | -11.8 | -3.3 | 69.4 | 73.1 | 0.0 | 204.5 | 3.1 | 84.1 | 204.2 |
| 20:25:00 | 33 29.3 | -93 53.0 | 5.9 | 120.2 | 120.4 | 558 | 3.4 | 2.7 | -2.3 | 936.8 | 70.6 | 33.5 | 13.5 | -16.9 | -18.9 | 0.1 |
| 20:25:00 | 33 32.2 | -93 51.8 | 6.7 | 120.8 | 121.0 | 576 | 3.1 | 2.5 | -2.4 | 250.5 | 70.6 | 33.9 | 12.9 | 19.7 | 19.7 | 0.0 |
| 20:25:00 | 33 27.5 | -93 53.3 | 5.6 | 120.2 | 120.4 | 657 | 0.0 | 27.0 | -12.8 | 71.3 | 77.5 | 50.0 | 27.8 | 22.1 | 22.1 | 8.6 |
| 20:24:59 | 33 27.5 | -93 53.3 | 425.6 | 442.2 | 10349* | 658 | 39.8 | -16.1 | -4.8 | 70.9 | 74.7 | 0.0 | 206.5 | 1.6 | 85.6 | 206.0 |
| 20:25:30 | 33 31.2 | -93 53.0 | -0.2 | 120.6 | 120.6 | 564 | 0.7 | 3.0 | -17.9* | 936.7 | 71.2 | 33.3 | 13.1 | -16.9 | -18.9 | 0.2 |
| 20:25:30 | 33 34.2 | -93 51.7 | 0.6 | 121.2 | 121.2 | 579 | 0.4 | 2.8 | -18.0* | 250.5 | 71.2 | 33.7 | 12.5 | 20.0 | 20.0 | 0.0 |
| 20:25:30 | 33 29.5 | -93 53.2 | 1.1 | 120.5 | 120.5 | 670 | 0.0 | 25.5 | -13.8 | 71.5 | 78.2 | 50.0 | 27.7 | 22.1 | 22.1 | 8.8 |
| 20:25:29 | 33 29.5 | -93 53.2 | 425.0 | 441.7 | 10349* | 662 | 42.6 | -20.8 | -6.7 | 71.4 | 75.1 | 0.0 | 207.4 | 0.4 | 86.1 | 206.7 |
| 20:26:00 | 33 32.8 | -93 54.1 | -103.3 | 57.6 | 118.3 | 575 | 296.1* | 1.5 | -24.0 | 936.0 | 73.3 | 33.8 | 13.1 | -16.9 | -18.9 | 0.3 |
| 20:26:00 | 33 35.8 | -93 52.8 | -102.4 | 58.2 | 117.8 | 591 | 295.7* | 1.3 | -24.2 | 250.5 | 73.3 | 34.2 | 12.5 | 19.9 | 19.9 | 0.0 |
| 20:26:00 | 33 31.1 | -93 54.3 | -103.6 | 58.8 | 119.2 | 675 | 0.0 | 25.7 | -14.2 | 73.0 | 80.4 | 50.0 | 27.1 | 22.5 | 22.5 | 8.9 |
| 20:25:59 | 33 31.1 | -93 54.3 | 425.0 | 441.6 | 10349* | 673 | 38.5 | -26.4 | -9.2 | 73.2 | 76.4 | 0.0 | 210.3 | 290.6 | 91.6 | 209.4 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 20:26:30 | 33 33.0 | -93 56.3 | -115.7 | -3.6 | 115.8 | 560 | 265.7 | 1.9 | -2.5* | 936.4 | 73.9 | 33.8 | 13.1 | -16.9 | -18.9 | 0.2 |
| 20:26:30 | 33 36.0 | -93 54.9 | -114.7 | -3.1 | 114.7 | 580 | 265.7 | 1.8 | -2.7* | 250.5 | 73.9 | 34.2 | 12.4 | 19.9 | 19.9 | 0.0 |
| 20:26:30 | 33 31.3 | -93 56.5 | -116.3 | -3.6 | 116.3 | 674 | 0.0 | 20.3 | -16.9 | 74.5 | 80.5 | 50.0 | 27.0 | 22.2 | 22.2 | 8.9 |
| 20:26:29 | 33 31.3 | -93 56.5 | 424.9 | 441.5 | 10349* | 664 | 38.2 | -14.1 | -4.2 | 74.1 | 77.0 | 0.0 | 211.1 | 261.0 | 94.8 | 210.1 |
| 20:27:00 | 33 33.0 | -93 58.5 | -118.4 | 1.0 | 118.4 | 558 | 267.6 | 1.8 | -0.5 | 936.3 | 76.1 | 33.9 | 12.6 | -16.9 | -18.9 | 0.1 |
| 20:27:00 | 33 36.0 | -93 57.2 | -117.4 | 1.6 | 117.4 | 577 | 267.5 | 1.6 | -0.7 | 250.5 | 76.1 | 34.3 | 11.9 | 19.7 | 19.7 | 0.0 |
| 20:27:00 | 33 31.3 | -93 58.8 | -119.0 | 1.3 | 119.0 | 665 | 0.0 | 22.0 | -17.0 | 77.4 | 83.2 | 50.0 | 26.4 | 22.3 | 22.3 | 9.2 |
| 20:26:59 | 33 31.3 | -93 58.8 | 424.3 | 440.9 | 10349* | 662 | 40.5 | -8.6 | -2.3 | 76.5 | 81.0 | 0.0 | 214.2 | 263.1 | 94.9 | 212.9 |
| 20:27:30 | 33 33.0 | -94 0.8 | -116.6 | 0.1 | 116.6 | 559 | 267.6 | 1.8 | -1.6 | 936.1 | 73.7 | 33.6 | 12.9 | -16.9 | -18.9 | 0.2 |
| 20:27:30 | 33 36.0 | -93 59.4 | -115.5 | 0.6 | 115.5 | 579 | 267.3 | 1.7 | -1.7 | 250.5 | 73.7 | 34.0 | 12.2 | 19.9 | 19.9 | 0.0 |
| 20:27:30 | 33 31.3 | -94 1.1 | -117.2 | 0.4 | 117.2 | 667 | 0.0 | 16.6 | -18.5 | 75.0 | 80.5 | 50.0 | 27.0 | 22.2 | 22.2 | 9.0 |
| 20:27:29 | 33 31.3 | -94 1.1 | 424.6 | 441.2 | 10349* | 665 | 39.9 | -8.1 | -2.1 | 73.9 | 77.7 | 0.0 | 210.9 | 263.9 | 93.6 | 209.9 |
| 20:28:00 | 33 33.0 | -94 3.1 | -116.3 | -0.9 | 116.3 | 558 | 268.1 | 1.9* | -2.2* | 936.1 | 70.7 | 33.5 | 13.4 | -16.9 | -18.9 | 0.2 |
| 20:28:00 | 33 36.0 | -94 1.7 | -115.2 | -0.3 | 115.2 | 579 | 267.8 | 1.7* | -2.3* | 250.6 | 70.7 | 33.8 | 12.8 | 19.9 | 19.9 | 0.0 |
| 20:28:00 | 33 31.3 | -94 3.3 | -116.8 | -0.5 | 116.8 | 671 | 0.0 | 26.7 | -12.9 | 71.5 | 77.5 | 50.0 | 27.8 | 22.5 | 22.5 | 8.6 |
| 20:27:59 | 33 31.3 | -94 3.3 | 425.5 | 442.1 | 10348* | 664 | 41.7 | -13.2 | -4.0 | 71.0 | 74.6 | 0.0 | 206.6 | 264.4 | 89.9 | 206.1 |
| 20:28:30 | 33 33.0 | -94 5.3 | -116.7 | 0.5 | 116.7 | 551 | 268.5 | 2.3 | -1.5 | 936.7 | 75.7 | 33.6 | 12.4 | -16.9 | -18.9 | 0.3 |
| 20:28:30 | 33 36.0 | -94 3.9 | -115.6 | 1.1 | 115.6 | 570 | 268.5 | 2.1 | -1.6 | 250.5 | 75.7 | 34.0 | 11.7 | 20.3 | 20.3 | 0.0 |
| 20:28:30 | 33 31.3 | -94 5.6 | -117.3 | 0.7 | 117.3 | 659 | 0.0 | 22.0 | -16.7 | 76.4 | 82.6 | 50.0 | 26.5 | 22.5 | 22.5 | 9.3 |
| 20:28:29 | 33 31.3 | -94 5.6 | 424.0 | 440.6 | 10349* | 659 | 42.9 | -15.1 | -4.5 | 76.0 | 79.9 | 0.0 | 213.6 | 264.4 | 95.8 | 212.2 |
| 20:29:00 | 33 33.0 | -94 7.6 | -115.4 | -1.6 | 115.4 | 551 | 267.6 | 2.1 | -1.3 | 936.6 | 72.8 | 33.3 | 12.7 | -16.9 | -18.9 | 0.2 |
| 20:29:00 | 33 36.0 | -94 6.2 | -114.3 | -0.9 | 114.3 | 572 | 267.5 | 2.0 | -1.4 | 250.5 | 72.8 | 33.6 | 12.1 | 20.4 | 20.4 | 0.0 |
| 20:29:00 | 33 31.3 | -94 7.9 | -116.0 | -1.4 | 116.0 | 660 | 0.0 | 19.6 | -16.8 | 73.8 | 79.6 | 50.0 | 27.3 | 22.8 | 22.8 | 9.1 |
| 20:28:59 | 33 31.3 | -94 7.9 | 424.5 | 441.1 | 10349* | 660 | 44.2 | -12.2 | -3.7 | 73.1 | 77.3 | 0.0 | 209.6 | 264.1 | 93.4 | 208.7 |
| 20:29:30 | 33 33.0 | -94 9.8 | -117.9 | 0.9 | 117.9 | 551 | 268.0 | 2.0 | -0.9 | 936.7 | 76.7 | 33.9 | 12.5 | -16.9 | -18.9 | 0.1 |
| 20:29:30 | 33 36.0 | -94 8.4 | -116.8 | 1.6 | 116.8 | 568 | 267.8 | 1.9 | -1.1 | 250.5 | 76.7 | 34.3 | 11.8 | 19.7 | 19.7 | 0.0 |
| 20:29:30 | 33 31.3 | -94 10.1 | -118.5 | 1.1 | 118.5 | 655 | 0.0 | 20.2 | -18.0 | 77.7 | 83.6 | 50.0 | 26.2 | 22.2 | 22.2 | 9.2 |
| 20:29:29 | 33 31.3 | -94 10.1 | 424.1 | 440.7 | 10349* | 658 | 34.9 | -11.0 | -3.1 | 76.9 | 80.5 | 0.0 | 215.0 | 263.8 | 96.0 | 213.5 |
| 20:30:00 | 33 33.0 | -94 12.1 | -117.6 | 0.6 | 117.6 | 557 | 268.8 | 1.3 | -1.6* | 935.9 | 79.7 | 34.2 | 12.1 | -16.9 | -18.9 | 0.1 |
| 20:30:00 | 33 36.1 | -94 10.6 | -116.5 | 1.2 | 116.5 | 573 | 268.5 | 1.2 | -1.7* | 250.6 | 79.7 | 34.6 | 11.2 | 19.7 | 19.7 | 0.0 |
| 20:30:00 | 33 31.3 | -94 12.4 | -118.2 | 0.7 | 118.2 | 664 | 0.0 | 19.9 | -19.1 | 80.2 | 86.9 | 50.0 | 25.4 | 22.4 | 22.4 | 9.5 |
| 20:29:59 | 33 31.3 | -94 12.4 | 423.5 | 440.0 | 10348* | 666 | 38.2 | -17.5 | -5.6 | 79.9 | 84.3 | 0.0 | 219.1 | 264.8 | 99.8 | 217.2 |
| 20:30:30 | 33 33.0 | -94 14.4 | -116.7 | -1.4 | 116.7 | 547 | 267.6 | 2.0 | -1.4 | 935.9 | 75.2 | 33.7 | 12.6 | -16.9 | -18.9 | 0.1 |
| 20:30:30 | 33 36.1 | -94 12.9 | -115.6 | -0.7 | 115.6 | 564 | 267.6 | 1.8 | -1.6 | 250.5 | 75.2 | 34.1 | 11.9 | 20.5 | 20.5 | 0.0 |
| 20:30:30 | 33 31.3 | -94 14.7 | -117.3 | -1.2 | 117.3 | 667 | 0.0 | 17.2 | -18.8 | 76.2 | 82.0 | 50.0 | 26.6 | 22.8 | 22.8 | 9.1 |
| 20:30:29 | 33 31.3 | -94 14.7 | 424.3 | 440.9 | 10349* | 667 | 38.7 | -10.4 | -2.9 | 75.4 | 79.6 | 0.0 | 212.9 | 264.3 | 95.1 | 211.6 |
| 20:31:00 | 33 33.0 | -94 16.6 | -116.2 | -0.7 | 116.2 | 546 | 267.6 | 1.4 | -1.1 | 935.8 | 75.6 | 34.1 | 12.9 | -16.9 | -18.9 | 0.1 |
| 20:31:00 | 33 36.1 | -94 15.1 | -115.0 | -0.0 | 115.0 | 563 | 267.5 | 1.2 | -1.3 | 250.5 | 75.6 | 34.5 | 12.1 | 19.6 | 19.6 | 0.0 |
| 20:31:00 | 33 31.3 | -94 17.0 | -116.7 | -0.7 | 116.7 | 665 | 0.0 | 15.8 | -19.6 | 76.0 | 82.5 | 50.0 | 26.5 | 22.4 | 22.4 | 9.0 |
| 20:30:59 | 33 31.3 | -94 17.0 | 424.7 | 441.3 | 10349* | 668 | 40.8 | -19.5 | -6.3 | 75.6 | 79.5 | 0.0 | 213.5 | 262.3 | 96.6 | 212.3 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 20:31:30 | 33 33.0 | -94 18.9 | -116.6 | -1.6 | 116.6 | 541 | 267.5 | 1.9 | -0.6* | 936.2 | 75.4 | 34.0 | 12.9 | -16.9 | -18.9 | 0.1 |
| 20:31:30 | 33 36.1 | -94 17.4 | -115.4 | -0.9 | 115.4 | 558 | 267.2 | 1.7 | -0.7* | 250.5 | 75.4 | 34.4 | 12.2 | 20.4 | 20.4 | 0.0 |
| 20:31:30 | 33 31.3 | -94 19.2 | -117.2 | -1.5 | 117.2 | 656 | 0.0 | 18.1 | -18.4 | 76.4 | 82.2 | 50.0 | 26.6 | 22.7 | 22.7 | 9.0 |
| 20:31:29 | 33 31.3 | -94 19.2 | 424.6 | 441.3 | 10349* | 661 | 40.8 | -12.0 | -3.6 | 75.7 | 80.3 | 0.0 | 213.2 | 263.8 | 95.7 | 212.0 |
| 20:32:00 | 33 33.0 | -94 21.1 | -116.4 | -0.1 | 116.4 | 542 | 268.2 | 2.3 | -2.2* | 935.3 | 73.8 | 34.0 | 13.2 | -16.9 | -18.9 | 0.2 |
| 20:32:00 | 33 36.1 | -94 19.6 | -115.2 | 0.5 | 115.2 | 562 | 267.9 | 2.2 | -2.3 | 250.5 | 73.8 | 34.3 | 12.5 | 19.5 | 19.5 | 0.0 |
| 20:32:00 | 33 31.3 | -94 21.5 | -116.9 | -0.1 | 116.9 | 670 | 0.0 | 27.2 | -13.5 | 74.2 | 80.8 | 50.0 | 27.0 | 21.8 | 21.8 | 8.8 |
| 20:31:59 | 33 31.3 | -94 21.5 | 425.1 | 441.8 | 10349* | 672 | 37.4 | -19.3 | -6.4 | 74.1 | 77.6 | 0.0 | 211.0 | 263.2 | 94.1 | 210.1 |
| 20:32:30 | 33 33.0 | -94 23.4 | -118.8 | -0.8 | 118.8 | 553 | 267.5 | 1.0 | -2.3 | 934.4 | 75.9 | 34.2 | 12.9 | -16.9 | -18.9 | 0.2 |
| 20:32:30 | 33 36.1 | -94 21.8 | -117.6 | -0.1 | 117.6 | 570 | 267.5 | 0.8 | -2.4 | 250.5 | 75.9 | 34.6 | 12.2 | 19.9 | 19.9 | 0.0 |
| 20:32:30 | 33 31.3 | -94 23.8 | -119.2 | -0.3 | 119.2 | 676 | 0.0 | 19.9 | -17.7 | 77.5 | 82.9 | 50.0 | 26.4 | 22.4 | 22.4 | 9.0 |
| 20:32:29 | 33 31.3 | -94 23.8 | 424.7 | 441.3 | 10349* | 678 | 40.5 | -3.7 | -1.0 | 76.2 | 80.2 | 0.0 | 214.0 | 265.1 | 94.1 | 212.7 |
| 20:33:00 | 33 32.9 | -94 25.7 | -119.9 | -1.6 | 119.9 | 544 | 267.5 | 0.9 | -1.2 | 934.2 | 79.4 | 34.5 | 12.5 | -16.9 | -18.9 | 0.2 |
| 20:33:00 | 33 36.1 | -94 24.1 | -118.7 | -0.9 | 118.7 | 561 | 267.4 | 0.7 | -1.3 | 250.6 | 79.4 | 34.9 | 11.6 | 19.9 | 19.9 | 0.0 |
| 20:33:00 | 33 31.3 | -94 26.1 | -120.5 | -1.4 | 120.5 | 676 | 0.0 | 12.3 | -22.5 | 80.8 | 86.4 | 50.0 | 25.5 | 22.4 | 22.4 | 9.2 |
| 20:32:59 | 33 31.3 | -94 26.1 | 424.0 | 440.6 | 10348* | 678 | 37.7 | -6.9 | -2.2 | 79.7 | 84.4 | 0.0 | 218.7 | 265.0 | 97.2 | 217.0 |
| 20:33:30 | 33 32.9 | -94 28.0 | -119.6 | 0.3 | 119.6 | 535 | 267.2 | 1.8 | -0.8* | 934.7 | 78.2 | 34.2 | 12.4 | -16.9 | -18.9 | 0.2 |
| 20:33:30 | 33 36.1 | -94 26.4 | -118.4 | 1.0 | 118.4 | 552 | 267.0 | 1.7 | -1.0* | 250.5 | 78.2 | 34.6 | 11.6 | 20.2 | 20.2 | 0.0 |
| 20:33:30 | 33 31.3 | -94 28.4 | -120.1 | 0.3 | 120.1 | 674 | 0.0 | 16.6 | -20.0 | 79.4 | 85.2 | 50.0 | 25.8 | 22.6 | 22.6 | 9.3 |
| 20:33:29 | 33 31.3 | -94 28.4 | 424.0 | 440.6 | 10349* | 674 | 43.8 | -9.3 | -2.5 | 78.4 | 82.8 | 0.0 | 217.0 | 262.7 | 96.3 | 215.4 |
| 20:34:00 | 33 32.9 | -94 30.3 | -119.2 | -0.7 | 119.2 | 545 | 268.3 | 1.3* | -1.4 | 934.9 | 75.5 | 34.1 | 12.9 | -16.9 | -18.9 | 0.2 |
| 20:34:00 | 33 36.1 | -94 28.7 | -118.0 | 0.0 | 118.0 | 561 | 267.9 | 1.1* | -1.6 | 250.5 | 75.5 | 34.5 | 12.2 | 20.4 | 20.4 | 0.0 |
| 20:34:00 | 33 31.3 | -94 30.7 | -119.7 | -0.8 | 119.7 | 672 | 0.0 | 14.5 | -19.9 | 76.1 | 82.3 | 50.0 | 26.5 | 22.6 | 22.6 | 9.0 |
| 20:33:59 | 33 31.3 | -94 30.8 | 424.7 | 441.3 | 10349* | 673 | 42.2 | -16.1 | -5.1 | 75.6 | 80.9 | 0.0 | 213.4 | 264.1 | 93.2 | 212.2 |
| 20:34:30 | 33 32.9 | -94 32.7 | -120.8 | 0.6 | 120.8 | 541 | 266.8 | 1.9 | -1.0* | 934.6 | 78.0 | 34.1 | 12.4 | -16.9 | -18.9 | 0.1 |
| 20:34:30 | 33 36.1 | -94 31.0 | -119.6 | 1.3 | 119.6 | 559 | 266.8 | 1.8 | -1.2* | 250.5 | 78.0 | 34.5 | 11.6 | 20.3 | 20.3 | 0.0 |
| 20:34:30 | 33 31.3 | -94 33.1 | -121.1 | 0.9 | 121.1 | 670 | 0.0 | 22.0 | -17.5 | 79.3 | 85.2 | 50.0 | 25.9 | 22.6 | 22.6 | 9.3 |
| 20:34:29 | 33 31.3 | -94 33.1 | 424.0 | 440.5 | 10349* | 672 | 38.2 | -8.8 | -2.3 | 78.3 | 82.6 | 0.0 | 216.8 | 261.7 | 95.0 | 215.2 |
| 20:35:00 | 33 32.9 | -94 35.0 | -120.8 | -0.2 | 120.8 | 540 | 267.7 | 1.8 | -0.9 | 935.1 | 75.9 | 33.7 | 12.5 | -16.9 | -18.9 | 0.1 |
| 20:35:00 | 33 36.1 | -94 33.3 | -119.5 | 0.5 | 119.5 | 556 | 267.6 | 1.7 | -1.1 | 250.5 | 75.9 | 34.1 | 11.8 | 20.5 | 20.5 | 0.0 |
| 20:35:00 | 33 31.3 | -94 35.4 | -121.2 | -0.3 | 121.2 | 661 | 0.0 | 17.9 | -18.7 | 76.7 | 82.8 | 50.0 | 26.4 | 22.8 | 22.8 | 9.2 |
| 20:34:59 | 33 31.3 | -94 35.4 | 424.1 | 440.7 | 10349* | 670 | 35.9 | -13.2 | -3.9 | 76.1 | 79.9 | 0.0 | 213.9 | 263.0 | 92.2 | 212.5 |
| 20:35:30 | 33 32.9 | -94 37.3 | -118.8 | -0.2 | 118.8 | 515 | 267.3 | 2.7 | -1.6 | 935.3 | 74.9 | 33.6 | 12.6 | -16.9 | -18.9 | 0.1 |
| 20:35:30 | 33 36.1 | -94 35.6 | -117.6 | 0.5 | 117.6 | 533 | 267.1 | 2.5 | -1.8 | 250.6 | 74.9 | 34.0 | 11.9 | 20.7 | 20.7 | 0.0 |
| 20:35:30 | 33 31.3 | -94 37.8 | -119.4 | -0.1 | 119.4 | 659 | 0.0 | 21.8 | -16.5 | 75.8 | 81.8 | 50.0 | 26.7 | 23.1 | 23.1 | 9.2 |
| 20:35:29 | 33 31.3 | -94 37.8 | 424.2 | 440.8 | 10348* | 668 | 42.0 | -12.7 | -3.6 | 75.1 | 79.2 | 0.0 | 212.5 | 262.5 | 92.9 | 211.2 |
| 20:36:00 | 33 32.9 | -94 39.6 | -119.6 | 0.7 | 119.6 | 521 | 267.6 | 2.0 | -1.8 | 935.1 | 74.9 | 33.9 | 12.9 | -16.9 | -18.9 | 0.2 |
| 20:36:00 | 33 36.1 | -94 37.9 | -118.4 | 1.4 | 118.4 | 537 | 267.3 | 1.9 | -1.9 | 250.5 | 74.9 | 34.3 | 12.2 | 20.7 | 20.7 | 0.0 |
| 20:36:00 | 33 31.3 | -94 40.1 | -120.1 | 0.8 | 120.1 | 663 | 0.0 | 20.4 | -17.1 | 75.6 | 81.7 | 50.0 | 26.7 | 23.0 | 23.0 | 9.0 |
| 20:35:59 | 33 31.3 | -94 40.1 | 424.7 | 441.3 | 10349* | 669 | 40.2 | -14.4 | -4.2 | 75.1 | 78.6 | 0.0 | 212.5 | 262.1 | 92.3 | 211.4 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 20:36:30 | 33 32.9 | -94 42.0 | -120.3 | 0.2 | 120.3 | 517 | 267.9 | 1.7 | -1.4 | 935.0 | 76.5 | 34.7 | 13.2 | -16.9 | -18.9 | 0.4 |
| 20:36:30 | 33 36.1 | -94 40.2 | -119.0 | 0.9 | 119.1 | 535 | 267.9 | 1.6 | -1.6 | 250.5 | 76.5 | 35.1 | 12.5 | 19.9 | 19.9 | 0.0 |
| 20:36:30 | 33 31.3 | -94 42.4 | -120.7 | 0.2 | 120.7 | 662 | 0.0 | 15.5 | -19.9 | 77.3 | 83.3 | 50.0 | 26.3 | 22.6 | 22.6 | 8.8 |
| 20:36:29 | 33 31.3 | -94 42.4 | 425.2 | 441.8 | 10349* | 669 | 40.3 | -14.1 | -4.3 | 76.6 | 80.5 | 0.0 | 214.7 | 263.3 | 93.7 | 213.5 |
| 20:37:00 | 33 33.0 | -94 44.3 | -120.6 | 1.2 | 120.6 | 520 | 267.9 | 1.1 | -0.7* | 934.3 | 76.4 | 34.9 | 13.5 | -16.9 | -18.9 | 0.2 |
| 20:37:00 | 33 36.2 | -94 42.5 | -119.4 | 1.9 | 119.5 | 535 | 267.8 | 0.9 | -0.8* | 250.5 | 76.4 | 35.3 | 12.7 | 19.6 | 19.6 | 0.0 |
| 20:37:00 | 33 31.3 | -94 44.8 | -121.0 | 1.2 | 121.0 | 667 | 0.0 | 22.7 | -16.8 | 77.6 | 83.5 | 50.0 | 26.3 | 22.4 | 22.4 | 8.6 |
| 20:36:59 | 33

A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 20:41:30 | 33 33.1 | -95 5.4 | -119.3 | 13.5 | 120.1 | 538 | 274.7* | 2.3 | 23.8* | 934.1 | 77.0 | 35.3 | 13.7 | -16.9 | -18.9 | 0.2 |
| 20:41:30 | 33 36.4 | -95 3.5 | -118.2 | 14.2 | 119.1 | 555 | 274.5* | 2.2 | 23.6* | 250.6 | 77.0 | 35.6 | 12.9 | 19.2 | 19.2 | 0.0 |
| 20:41:30 | 33 31.4 | -95 6.0 | -119.8 | 10.5 | 120.2 | 656 | 0.0 | 30.2 | -13.6 | 77.9 | 84.2 | 50.0 | 26.2 | 22.3 | 22.3 | 8.5 |
| 20:41:29 | 33 31.4 | -95 6.0 | 425.9 | 442.5 | 10348* | 663 | 39.6 | -12.6 | -3.2 | 77.3 | 82.0 | 0.0 | 215.4 | 268.0 | 94.8 | 214.3 |
| 20:42:00 | 33 34.3 | -95 7.2 | -37.3 | 116.2 | 122.1 | 533 | 343.4* | 2.1 | 23.8 | 934.3 | 73.5 | 34.9 | 14.1 | -16.9 | -18.9 | 0.2 |
| 20:42:00 | 33 37.6 | -95 5.2 | -36.3 | 117.0 | 122.5 | 547 | 343.4* | 2.0 | 23.5 | 250.6 | 73.5 | 35.2 | 13.4 | 19.4 | 19.4 | 0.0 |
| 20:42:00 | 33 32.6 | -95 7.7 | -39.9 | 115.3 | 122.0 | 660 | 0.0 | 24.0 | -15.4 | 74.4 | 80.3 | 50.0 | 27.1 | 22.4 | 22.4 | 8.2 |
| 20:41:59 | 33 32.6 | -95 7.7 | 426.5 | 443.2 | 10348* | 663 | 39.5 | -12.8 | -3.5 | 73.8 | 78.1 | 0.0 | 210.6 | 340.5 | 88.0 | 210.0 |
| 20:42:30 | 33 36.3 | -95 7.2 | 7.4 | 122.2 | 122.4 | 526 | 5.0 | 1.9 | -0.7 | 935.2 | 72.2 | 34.9 | 14.4 | -16.9 | -18.9 | 0.2 |
| 20:42:30 | 33 39.6 | -95 5.2 | 8.3 | 122.9 | 123.2 | 543 | 4.9 | 1.8 | -0.9 | 250.5 | 72.2 | 35.3 | 13.8 | 19.3 | 19.3 | 0.0 |
| 20:42:30 | 33 34.5 | -95 7.8 | 7.2 | 121.9 | 122.1 | 662 | 0.0 | 18.4 | -17.2 | 73.1 | 79.0 | 50.0 | 27.4 | 22.1 | 22.1 | 8.1 |
| 20:42:29 | 33 34.6 | -95 7.8 | 426.9 | 443.7 | 10349* | 662 | 43.4 | -13.5 | -4.0 | 72.4 | 76.0 | 0.0 | 208.8 | 5.1 | 86.1 | 208.5 |
| 20:43:00 | 33 38.3 | -95 7.0 | 8.3 | 124.1 | 124.4 | 511 | 5.0 | 1.1 | -1.7* | 934.9 | 75.5 | 35.3 | 14.1 | -16.9 | -18.9 | 0.2 |
| 20:43:00 | 33 41.6 | -95 5.0 | 9.3 | 124.9 | 125.2 | 528 | 4.7 | 1.0 | -1.8* | 250.6 | 75.5 | 35.7 | 13.3 | 19.3 | 19.3 | 0.0 |
| 20:43:00 | 33 36.5 | -95 7.6 | 8.2 | 123.7 | 124.0 | 662 | 0.0 | 24.4 | -15.7 | 76.1 | 82.7 | 50.0 | 26.5 | 22.4 | 22.4 | 8.3 |
| 20:42:59 | 33 36.5 | -95 7.6 | 426.4 | 443.1 | 10348* | 664 | 38.8 | -17.0 | -5.1 | 75.7 | 79.5 | 0.0 | 213.4 | 4.1 | 88.1 | 212.6 |
| 20:43:30 | 33 40.3 | -95 6.8 | 8.7 | 126.3 | 126.6 | 491 | 5.7 | 2.1 | -2.0* | 935.6 | 77.2 | 35.3 | 13.7 | -16.9 | -18.9 | 0.2 |
| 20:43:30 | 33 43.7 | -95 4.8 | 9.6 | 127.1 | 127.4 | 509 | 5.4 | 1.9 | -2.2* | 250.5 | 77.2 | 35.8 | 13.0 | 19.1 | 19.1 | 0.0 |
| 20:43:30 | 33 38.6 | -95 7.4 | 8.6 | 126.1 | 126.4 | 655 | 0.0 | 18.3 | -19.0 | 77.5 | 84.3 | 50.0 | 26.1 | 22.1 | 22.1 | 8.5 |
| 20:43:29 | 33 38.6 | -95 7.4 | 425.9 | 442.5 | 10349* | 659 | 41.8 | -20.1 | -6.6 | 77.3 | 81.5 | 0.0 | 215.7 | 5.1 | 88.1 | 214.7 |
| 20:44:00 | 33 42.3 | -95 6.7 | 9.9 | 124.4 | 124.7 | 493 | 5.9* | 2.1 | 10.7* | 934.5 | 75.4 | 35.0 | 13.8 | -16.9 | -18.9 | 0.3 |
| 20:44:00 | 33 45.7 | -95 4.6 | 10.8 | 125.1 | 125.6 | 509 | 6.0* | 1.9 | 10.5* | 250.5 | 75.4 | 35.4 | 13.1 | 19.3 | 19.3 | 0.0 |
| 20:44:00 | 33 40.6 | -95 7.3 | 8.8 | 124.2 | 124.5 | 662 | 0.0 | 21.8 | -16.5 | 76.9 | 82.3 | 50.0 | 26.6 | 22.3 | 22.3 | 8.4 |
| 20:43:59 | 33 40.6 | -95 7.3 | 426.1 | 442.8 | 10349* | 665 | 36.7 | -1.9 | -0.0 | 75.7 | 79.8 | 0.0 | 213.1 | 7.2 | 87.6 | 212.3 |
| 20:44:30 | 33 43.9 | -95 5.4 | 109.9 | 42.7 | 117.9 | 495 | 73.7* | 2.2 | 23.9 | 934.6 | 73.4 | 34.9 | 14.1 | -16.9 | -18.9 | 0.3 |
| 20:44:30 | 33 47.2 | -95 3.3 | 110.8 | 43.6 | 119.1 | 512 | 73.5* | 2.1 | 23.7 | 250.5 | 73.4 | 35.2 | 13.4 | 19.0 | 19.0 | 0.0 |
| 20:44:30 | 33 42.1 | -95 6.0 | 109.0 | 44.9 | 117.9 | 656 | 0.0 | 28.7 | -13.2 | 74.6 | 80.5 | 50.0 | 27.1 | 21.9 | 21.9 | 8.2 |
| 20:44:29 | 33 42.1 | -95 6.0 | 426.5 | 443.2 | 10349* | 659 | 38.7 | -9.2 | -2.0 | 73.8 | 78.2 | 0.0 | 210.4 | 76.1 | 92.5 | 209.9 |
| 20:45:00 | 33 43.9 | -95 3.2 | 113.1 | -10.8 | 113.7 | 509 | 99.4 | 2.3 | -0.2 | 934.9 | 72.6 | 34.6 | 14.1 | -16.9 | -18.9 | 0.2 |
| 20:45:00 | 33 47.3 | -95 1.1 | 114.2 | -10.0 | 114.6 | 526 | 99.1 | 2.2 | -0.3 | 250.5 | 72.6 | 35.0 | 13.4 | 19.1 | 19.1 | 0.0 |
| 20:45:00 | 33 42.2 | -95 3.8 | 113.2 | -11.5 | 113.8 | 662 | 0.0 | 22.8 | -15.2 | 73.8 | 79.4 | 50.0 | 27.3 | 22.0 | 22.0 | 8.3 |
| 20:44:59 | 33 42.2 | -95 3.8 | 426.5 | 443.2 | 10349* | 665 | 40.8 | -8.5 | -2.1 | 72.9 | 76.7 | 0.0 | 209.3 | 103.1 | 95.6 | 208.8 |
| 20:45:30 | 33 43.8 | -95 1.0 | 114.6 | -2.3 | 114.6 | 518 | 94.9 | 2.3 | -2.0 | 935.3 | 73.4 | 34.7 | 13.9 | -16.9 | -18.9 | 0.3 |
| 20:45:30 | 33 47.2 | -94 58.9 | 115.6 | -1.5 | 115.6 | 534 | 94.9 | 2.1 | -2.2 | 250.5 | 73.4 | 35.1 | 13.3 | 19.1 | 19.1 | 0.0 |
| 20:45:30 | 33 42.1 | -95 1.6 | 114.6 | -3.0 | 114.7 | 663 | 0.0 | 20.5 | -16.6 | 74.3 | 80.2 | 50.0 | 27.1 | 21.9 | 21.9 | 8.3 |
| 20:45:29 | 33 42.1 | -95 1.6 | 426.2 | 442.9 | 10349* | 663 | 42.0 | -12.4 | -3.5 | 73.7 | 77.4 | 0.0 | 210.5 | 97.8 | 95.6 | 209.9 |
| 20:46:00 | 33 43.8 | -94 58.7 | 116.0 | 1.5 | 116.1 | 516 | 93.4* | 1.4 | -1.1 | 934.4 | 75.1 | 34.8 | 13.6 | -16.9 | -18.9 | 0.1 |
| 20:46:00 | 33 47.2 | -94 56.6 | 117.0 | 2.3 | 117.0 | 533 | 93.4* | 1.3 | -1.2 | 250.5 | 75.1 | 35.1 | 12.9 | 19.5 | 19.5 | 0.0 |
| 20:46:00 | 33 42.0 | -94 59.4 | 116.1 | 0.8 | 116.1 | 664 | 0.0 | 21.4 | -16.8 | 76.6 | 82.0 | 50.0 | 26.7 | 22.1 | 22.1 | 8.5 |
| 20:45:59 | 33 42.0 | -94 59.3 | 425.8 | 442.5 | 10349* | 670 | 38.3 | -3.6 | -0.6 | 75.4 | 79.9 | 0.0 | 212.8 | 98.7 | 96.5 | 211.9 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 20:46:30 | 33 43.8 | -94 56.5 | 116.0 | 3.2 | 116.0 | 522 | 93.3 | 2.5 | -2.8 | 935.2 | 73.3 | 34.8 | 14.0 | -16.9 | -18.9 | 0.3 |
| 20:46:30 | 33 47.3 | -94 54.3 | 116.9 | 4.0 | 117.0 | 537 | 93.0 | 2.4 | -2.9 | 250.5 | 73.4 | 35.2 | 13.4 | 19.1 | 19.1 | 0.0 |
| 20:46:30 | 33 42.1 | -94 57.1 | 116.1 | 2.2 | 116.1 | 658 | 0.0 | 20.9 | -16.3 | 74.1 | 80.0 | 50.0 | 27.1 | 22.0 | 22.0 | 8.3 |
| 20:46:29 | 33 42.1 | -94 57.1 | 426.4 | 443.1 | 10349* | 666 | 37.3 | -13.4 | -4.0 | 73.6 | 76.5 | 0.0 | 210.4 | 97.7 | 94.5 | 209.8 |
| 20:47:00 | 33 43.9 | -94 54.2 | 117.2 | 3.5 | 117.2 | 536 | 92.4 | 2.0 | -1.2 | 934.8 | 73.8 | 34.8 | 14.0 | -16.9 | -18.9 | 0.2 |
| 20:47:00 | 33 47.3 | -94 52.1 | 118.1 | 4.2 | 118.2 | 549 | 92.1 | 1.9 | -1.3 | 250.5 | 73.8 | 35.2 | 13.3 | 19.1 | 19.1 | 0.0 |
| 20:47:00 | 33 42.1 | -94 54.8 | 117.3 | 2.7 | 117.3 | 656 | 0.0 | 25.6 | -14.3 | 74.9 | 80.7 | 50.0 | 27.0 | 21.9 | 21.9 | 8.3 |
| 20:46:59 | 33 42.1 | -94 54.8 | 426.3 | 443.0 | 10349* | 668 | 33.9 | -10.4 | -2.8 | 74.1 | 78.7 | 0.0 | 211.0 | 96.4 | 93.7 | 210.4 |
| 20:47:30 | 33 43.9 | -94 51.9 | 117.2 | 2.8 | 117.2 | 536 | 91.7 | 1.6 | -0.8 | 934.6 | 77.0 | 35.0 | 13.4 | -16.9 | -18.9 | 0.3 |
| 20:47:30 | 33 47.4 | -94 49.8 | 118.0 | 3.6 | 118.1 | 552 | 91.7 | 1.5 | -1.0 | 250.6 | 77.0 | 35.4 | 12.7 | 19.4 | 19.4 | 0.0 |
| 20:47:30 | 33 42.2 | -94 52.6 | 117.2 | 2.1 | 117.2 | 655 | 0.0 | 21.3 | -17.6 | 78.1 | 84.1 | 50.0 | 26.2 | 22.3 | 22.3 | 8.6 |
| 20:47:29 | 33 42.2 | -94 52.6 | 425.5 | 442.1 | 10348* | 670 | 37.5 | -10.7 | -3.3 | 77.3 | 81.3 | 0.0 | 215.4 | 94.2 | 97.3 | 214.3 |
| 20:48:00 | 33 44.0 | -94 49.7 | 117.1 | 3.4 | 117.1 | 530 | 91.7 | 1.9 | -1.1 | 934.8 | 77.6 | 34.9 | 13.2 | -16.9 | -18.9 | 0.3 |
| 20:48:00 | 33 47.5 | -94 47.5 | 117.9 | 4.1 | 118.0 | 545 | 91.6 | 1.7 | -1.2 | 250.5 | 77.6 | 35.3 | 12.5 | 19.4 | 19.4 | 0.0 |
| 20:48:00 | 33 42.2 | -94 50.3 | 117.2 | 2.7 | 117.2 | 653 | 0.0 | 18.5 | -18.9 | 78.7 | 84.5 | 50.0 | 26.0 | 22.3 | 22.3 | 8.8 |
| 20:47:59 | 33 42.2 | -94 50.3 | 425.1 | 441.8 | 10349* | 668 | 36.0 | -9.6 | -2.5 | 77.8 | 81.9 | 0.0 | 216.2 | 94.7 | 98.1 | 214.9 |
| 20:48:30 | 33 44.1 | -94 47.4 | 116.7 | 3.8 | 116.7 | 538 | 92.5 | 2.1 | -2.0 | 935.0 | 74.1 | 34.8 | 13.8 | -16.9 | -18.9 | 0.3 |
| 20:48:30 | 33 47.5 | -94 45.2 | 117.5 | 4.5 | 117.6 | 553 | 92.2 | 2.0 | -2.1 | 250.5 | 74.1 | 35.1 | 13.1 | 19.0 | 19.0 | 0.0 |
| 20:48:30 | 33 42.2 | -94 48.0 | 116.8 | 2.9 | 116.8 | 654 | 0.0 | 21.8 | -16.3 | 75.2 | 80.9 | 50.0 | 26.9 | 21.8 | 21.8 | 8.4 |
| 20:48:29 | 33 42.2 | -94 48.0 | 426.1 | 442.8 | 10349* | 668 | 38.2 | -10.2 | -2.7 | 74.4 | 78.4 | 0.0 | 211.4 | 96.9 | 94.6 | 210.7 |
| 20:49:00 | 33 44.1 | -94 45.1 | 117.5 | 4.1 | 117.6 | 538 | 92.2 | 1.8* | -1.9* | 935.0 | 76.0 | 34.8 | 13.5 | -16.9 | -18.9 | 0.2 |
| 20:49:00 | 33 47.6 | -94 42.9 | 118.3 | 4.8 | 118.4 | 552 | 91.9 | 1.7* | -2.0* | 250.5 | 75.9 | 35.1 | 12.7 | 19.3 | 19.3 | 0.0 |
| 20:49:00 | 33 42.3 | -94 45.7 | 117.6 | 3.2 | 117.7 | 653 | 0.0 | 27.1 | -14.3 | 76.5 | 82.9 | 50.0 | 26.4 | 22.1 | 22.1 | 8.6 |
| 20:48:59 | 33 42.3 | -94 45.7 | 425.5 | 442.2 | 10349* | 667 | 42.0 | -15.1 | -4.7 | 76.2 | 80.3 | 0.0 | 214.0 | 95.4 | 95.8 | 213.0 |
| 20:49:30 | 33 44.2 | -94 42.8 | 117.6 | 3.1 | 117.6 | 544 | 92.2 | 1.0 | -1.5 | 934.6 | 78.8 | 34.5 | 12.6 | -16.9 | -18.9 | 0.2 |
| 20:49:30 | 33 47.7 | -94 40.6 | 118.3 | 3.8 | 118.4 | 561 | 92.2 | 0.8 | -1.7 | 250.5 | 78.8 | 34.9 | 11.7 | 20.4 | 20.4 | 0.0 |
| 20:49:30 | 33 42.3 | -94 43.5 | 117.7 | 2.2 | 117.7 | 656 | 0.0 | 19.5 | -19.0 | 79.8 | 85.9 | 50.0 | 25.7 | 23.0 | 23.0 | 9.2 |
| 20:49:29 | 33 42.3 | -94 43.5 | 424.2 | 440.8 | 10349* | 672 | 35.0 | -10.6 | -3.2 | 79.1 | 83.5 | 0.0 | 217.9 | 95.6 | 99.0 | 216.2 |
| 20:50:00 | 33 44.2 | -94 40.6 | 116.5 | 3.7 | 116.6 | 541 | 91.8 | 2.1 | -1.2 | 934.9 | 77.6 | 34.2 | 12.6 | -16.9 | -18.9 | 0.1 |
| 20:50:00 | 33 47.7 | -94 38.3 | 117.2 | 4.3 | 117.3 | 560 | 91.7 | 2.0 | -1.4 | 250.5 | 77.6 | 34.6 | 11.8 | 20.3 | 20.3 | 0.0 |
| 20:50:00 | 33 42.4 | -94 41.2 | 116.7 | 2.8 | 116.7 | 658 | 0.0 | 20.6 | -18.1 | 78.6 | 84.5 | 50.0 | 26.0 | 22.8 | 22.8 | 9.2 |
| 20:49:59 | 33 42.4 | -94 41.2 | 424.2 | 440.8 | 10349* | 669 | 38.3 | -11.3 | -3.2 | 77.9 | 82.1 | 0.0 | 216.2 | 94.7 | 98.5 | 214.7 |
| 20:50:30 | 33 44.3 | -94 38.3 | 116.8 | 3.8 | 116.9 | 537 | 91.9 | 1.8 | -1.6 | 935.1 | 79.8 | 34.4 | 12.3 | -16.9 | -18.9 | 0.1 |
| 20:50:30 | 33 47.8 | -94 36.0 | 117.5 | 4.4 | 117.6 | 554 | 91.6 | 1.7 | -1.7 | 250.5 | 79.8 | 34.8 | 11.5 | 20.7 | 20.7 | 0.0 |
| 20:50:30 | 33 42.4 | -94 38.9 | 117.0 | 2.9 | 117.1 | 654 | 0.0 | 20.4 | -18.7 | 80.3 | 86.9 | 50.0 | 25.4 | 23.1 | 23.1 | 9.3 |
| 20:50:29 | 33 42.4 | -94 38.9 | 423.8 | 440.4 | 10349* | 667 | 42.3 | -16.6 | -5.2 | 79.9 | 84.4 | 0.0 | 219.1 | 94.2 | 100.7 | 217.3 |
| 20:51:00 | 33 44.3 | -94 36.0 | 117.8 | 3.4 | 117.9 | 539 | 92.0 | 2.3 | -1.8 | 935.4 | 75.5 | 34.0 | 12.8 | -16.9 | -18.9 | 0.3 |
| 20:51:00 | 33 47.9 | -94 33.7 | 118.5 | 4.1 | 118.5 | 559 | 91.7 | 2.1 | -1.9 | 250.5 | 75.5 | 34.4 | 12.1 | 20.5 | 20.5 | 0.0 |
| 20:51:00 | 33 42.5 | -94 36.6 | 118.0 | 2.4 | 118.0 | 651 | 0.0 | 21.6 | -16.8 | 76.4 | 82.4 | 50.0 | 26.5 | 22.7 | 22.7 | 9.0 |
| 20:50:59 | 33 42.5 | -94 36.6 | 424.6 | 441.2 | 10349* | 665 | 37.3 | -11.9 | -3.3 | 75.8 | 79.8 | 0.0 | 213.4 | 95.3 | 94.7 | 212.2 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 20:51:30 | 33 44.4 | -94 33.8 | 117.0 | 3.7 | 117.0 | 547 | 92.4 | 1.6 | -2.2 | 934.8 | 79.7 | 34.2 | 12.1 | -16.9 | -18.9 | 0.3 |
| 20:51:30 | 33 47.9 | -94 31.4 | 117.6 | 4.4 | 117.6 | 564 | 92.4 | 1.5 | -2.3 | 250.5 | 79.7 | 34.6 | 11.2 | 20.5 | 20.5 | 0.0 |
| 20:51:30 | 33 42.5 | -94 34.4 | 117.1 | 2.7 | 117.2 | 660 | 0.0 | 16.6 | -20.6 | 80.8 | 86.7 | 50.0 | 25.5 | 22.9 | 22.9 | 9.5 |
| 20:51:29 | 33 42.5 | -94 34.3 | 423.5 | 440.0 | 10349* | 671 | 35.2 | -11.1 | -3.3 | 80.0 | 84.5 | 0.0 | 219.1 | 96.2 | 100.7 | 217.2 |
| 20:52:00 | 33 44.5 | -94 31.5 | 117.1 | 4.0 | 117.2 | 544 | 91.5 | 1.4* | -1.9 | 935.1 | 76.7 | 34.1 | 12.6 | -16.9 | -18.9 | 0.2 |
| 20:52:00 | 33 48.0 | -94 29.2 | 117.7 | 4.6 | 117.8 | 561 | 91.5 | 1.3* | -2.0 | 250.5 | 76.7 | 34.5 | 11.9 | 20.0 | 20.0 | 0.0 |
| 20:52:00 | 33 42.6 | -94 32.1 | 117.3 | 3.0 | 117.4 | 661 | 0.0 | 8.8 | -23.1 | 77.9 | 83.4 | 50.0 | 26.2 | 22.5 | 22.5 | 9.1 |
| 20:51:59 | 33 42.6 | -94 32.1 | 424.3 | 440.9 | 10349* | 671 | 34.3 | -9.5 | -2.7 | 76.7 | 80.5 | 0.0 | 215.0 | 94.8 | 96.8 | 213.7 |
| 20:52:30 | 33 44.5 | -94 29.2 | 117.0 | 4.1 | 117.1 | 555 | 92.3 | 1.7 | -2.3 | 934.8 | 76.2 | 34.1 | 12.8 | -16.9 | -18.9 | 0.2 |
| 20:52:30 | 33 48.1 | -94 26.9 | 117.5 | 4.7 | 117.6 | 572 | 92.0 | 1.5 | -2.4 | 250.5 | 76.2 | 34.5 | 12.1 | 20.0 | 20.0 | 0.0 |
| 20:52:30 | 33 42.6 | -94 29.8 | 117.1 | 3.2 | 117.1 | 661 | 0.0 | 15.8 | -19.6 | 77.0 | 83.0 | 50.0 | 26.4 | 22.7 | 22.7 | 9.1 |
| 20:52:29 | 33 42.6 | -94 29.8 | 424.5 | 441.1 | 10349* | 674 | 43.8 | -14.9 | -4.5 | 76.4 | 80.2 | 0.0 | 214.3 | 95.6 | 96.4 | 213.0 |
| 20:53:00 | 33 44.6 | -94 27.0 | 116.2 | 4.7 | 116.3 | 540 | 92.2 | 2.6 | -2.0 | 935.4 | 74.7 | 34.1 | 13.1 | -16.9 | -18.9 | 0.3 |
| 20:53:00 | 33 48.2 | -94 24.6 | 116.7 | 5.3 | 116.8 | 558 | 91.9 | 2.4 | -2.1 | 250.5 | 74.8 | 34.5 | 12.4 | 19.3 | 19.3 | 0.0 |
| 20:53:00 | 33 42.7 | -94 27.5 | 116.5 | 3.7 | 116.5 | 657 | 0.0 | 19.8 | -17.4 | 75.7 | 81.6 | 50.0 | 26.7 | 21.9 | 21.9 | 8.9 |
| 20:52:59 | 33 42.7 | -94 27.5 | 425.0 | 441.6 | 10349* | 668 | 40.3 | -11.6 | -3.2 | 75.0 | 79.0 | 0.0 | 212.3 | 96.4 | 95.6 | 211.3 |
| 20:53:30 | 33 44.7 | -94 24.7 | 117.7 | 4.7 | 117.8 | 525 | 92.3 | 2.0 | -2.5 | 935.4 | 78.5 | 34.4 | 12.5 | -16.9 | -18.9 | 0.2 |
| 20:53:30 | 33 48.2 | -94 22.3 | 118.1 | 5.2 | 118.2 | 542 | 92.3 | 1.9 | -2.6 | 250.5 | 78.5 | 34.8 | 11.7 | 19.7 | 19.7 | 0.0 |
| 20:53:30 | 33 42.7 | -94 25.3 | 118.0 | 3.5 | 118.1 | 656 | 0.0 | 20.7 | -18.2 | 79.0 | 85.6 | 50.0 | 25.8 | 22.5 | 22.5 | 9.2 |
| 20:53:29 | 33 42.7 | -94 25.3 | 424.1 | 440.7 | 10349* | 668 | 40.7 | -17.8 | -5.5 | 78.7 | 82.6 | 0.0 | 217.5 | 95.5 | 98.6 | 215.9 |
| 20:54:00 | 33 44.7 | -94 22.4 | 117.7 | -4.2 | 117.8 | 526 | 96.1 | 1.5 | 1.3 | 934.4 | 77.1 | 34.0 | 12.5 | -16.9 | -18.9 | 0.3 |
| 20:54:00 | 33 48.3 | -94 20.0 | 118.1 | -3.7 | 118.2 | 543 | 96.0 | 1.4 | 1.2 | 250.5 | 77.1 | 34.5 | 11.8 | 20.0 | 20.0 | 0.0 |
| 20:54:00 | 33 42.7 | -94 23.0 | 117.9 | -5.0 | 118.0 | 662 | 0.0 | 18.6 | -18.8 | 77.9 | 83.9 | 50.0 | 26.1 | 22.6 | 22.6 | 9.2 |
| 20:53:59 | 33 42.7 | -94 23.0 | 424.1 | 440.7 | 10349* | 677 | 44.0 | -12.9 | -4.0 | 77.3 | 81.3 | 0.0 | 215.6 | 99.1 | 96.7 | 214.1 |
| 20:54:30 | 33 44.6 | -94 20.1 | 115.9 | -11.1 | 116.4 | 547 | 99.0 | 1.5* | -0.4 | 934.8 | 74.2 | 34.1 | 13.2 | -16.9 | -18.9 | 0.1 |
| 20:54:30 | 33 48.2 | -94 17.8 | 116.3 | -10.6 | 116.7 | 563 | 98.7 | 1.4* | -0.6 | 250.5 | 74.2 | 34.5 | 12.5 | 20.0 | 20.0 | 0.0 |
| 20:54:30 | 33 42.6 | -94 20.7 | 116.4 | -12.1 | 117.0 | 667 | 0.0 | 14.3 | -19.8 | 74.7 | 80.9 | 50.0 | 26.9 | 22.6 | 22.6 | 8.8 |
| 20:54:29 | 33 42.6 | -94 20.7 | 425.2 | 441.8 | 10349* | 676 | 41.2 | -17.5 | -6.0 | 74.3 | 77.9 | 0.0 | 211.5 | 100.6 | 94.4 | 210.6 |
| 20:55:00 | 33 44.4 | -94 17.9 | 116.4 | -11.4 | 116.9 | 545 | 99.2* | 1.1 | -0.4* | 933.8 | 79.0 | 34.3 | 12.3 | -16.9 | -18.9 | 0.3 |
| 20:55:00 | 33 48.0 | -94 15.5 | 116.8 | -10.9 | 117.3 | 563 | 98.8* | 0.9 | -0.5* | 250.5 | 79.0 | 34.6 | 11.5 | 19.7 | 19.7 | 0.0 |
| 20:55:00 | 33 42.4 | -94 18.5 | 116.5 | -12.5 | 117.2 | 674 | 0.0 | 17.3 | -20.2 | 80.7 | 86.1 | 50.0 | 25.6 | 22.4 | 22.4 | 9.3 |
| 20:54:59 | 33 42.4 | -94 18.5 | 423.8 | 440.4 | 10349* | 681 | 36.8 | -1.4 | -0.0 | 79.3 | 83.4 | 0.0 | 218.1 | 103.9 | 99.9 | 216.4 |
| 20:55:30 | 33 44.2 | -94 15.6 | 116.5 | -12.8 | 117.2 | 537 | 100.7 | 2.4 | -1.8 | 935.1 | 76.8 | 34.2 | 12.8 | -16.9 | -18.9 | 0.2 |
| 20:55:30 | 33 47.8 | -94 13.2 | 116.8 | -12.3 | 117.5 | 553 | 100.7 | 2.3 | -1.9 | 250.5 | 76.8 | 34.6 | 12.0 | 19.7 | 19.7 | 0.0 |
| 20:55:30 | 33 42.2 | -94 16.2 | 116.8 | -13.9 | 117.6 | 662 | 0.0 | 19.3 | -18.5 | 77.8 | 83.9 | 50.0 | 26.2 | 22.3 | 22.3 | 9.1 |
| 20:55:29 | 33 42.2 | -94 16.2 | 424.5 | 441.1 | 10349* | 670 | 43.8 | -12.5 | -3.6 | 77.1 | 81.3 | 0.0 | 215.2 | 104.5 | 97.2 | 213.8 |
| 20:56:00 | 33 44.0 | -94 13.4 | 116.5 | -13.3 | 117.3 | 548 | 99.7 | 1.7 | -0.7 | 934.7 | 77.0 | 34.0 | 12.5 | -16.9 | -18.9 | 0.2 |
| 20:56:00 | 33 47.6 | -94 11.0 | 116.8 | -12.9 | 117.5 | 565 | 99.6 | 1.6 | -0.8 | 250.5 | 77.0 | 34.4 | 11.7 | 20.1 | 20.1 | 0.0 |
| 20:56:00 | 33 41.9 | -94 13.9 | 116.8 | -14.4 | 117.6 | 663 | 0.0 | 23.8 | -16.4 | 77.9 | 83.9 | 50.0 | 26.2 | 22.6 | 22.6 | 9.2 |
| 20:55:59 | 33 41.9 | -94 13.9 | 424.1 | 440.7 | 10349* | 674 | 40.4 | -12.3 | -3.5 | 77.3 | 81.6 | 0.0 | 215.4 | 102.1 | 96.9 | 213.9 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 20:56:30 | 33 43.8 | -94 11.1 | 116.2 | -3.7 | 116.3 | 553 | 95.9 | 2.0 | -3.9 | 934.9 | 75.5 | 33.8 | 12.7 | -16.9 | -18.9 | 0.1 |
| 20:56:30 | 33 47.4 | -94 8.7 | 116.5 | -3.3 | 116.5 | 570 | 95.6 | 1.9 | -4.0 | 250.5 | 75.5 | 34.3 | 12.0 | 19.9 | 19.9 | 0.0 |
| 20:56:30 | 33 41.8 | -94 11.7 | 116.5 | -5.1 | 116.6 | 667 | 0.0 | 19.7 | -17.8 | 76.2 | 82.4 | 50.0 | 26.5 | 22.2 | 22.2 | 9.1 |
| 20:56:29 | 33 41.8 | -94 11.7 | 424.4 | 441.0 | 10349* | 676 | 36.4 | -15.5 | -4.6 | 75.7 | 79.6 | 0.0 | 213.4 | 98.9 | 96.2 | 212.2 |
| 20:57:00 | 33 43.8 | -94 8.9 | 118.1 | 3.3 | 118.1 | 554 | 91.7 | 1.4* | -1.3 | 934.6 | 75.7 | 34.0 | 12.7 | -16.9 | -18.9 | 0.2 |
| 20:57:00 | 33 47.4 | -94 6.4 | 118.3 | 3.7 | 118.3 | 570 | 91.4 | 1.3* | -1.4 | 250.5 | 75.7 | 34.3 | 12.0 | 19.7 | 19.7 | 0.0 |
| 20:57:00 | 33 41.7 | -94 9.4 | 118.3 | 2.2 | 118.3 | 669 | 0.0 | 11.8 | -21.4 | 77.0 | 82.5 | 50.0 | 26.5 | 22.3 | 22.3 | 9.1 |
| 20:56:59 | 33

A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 21:01:30 | 33 44.3 | -93 48.1 | 119.3 | 2.9 | 119.4 | 550 | 92.9 | 1.7* | -2.0* | 934.7 | 75.4 | 34.0 | 12.9 | -16.9 | -18.9 | 0.1 |
| 21:01:30 | 33 48.0 | -93 45.6 | 119.2 | 3.2 | 119.3 | 565 | 92.9 | 1.5 | -2.1 | 250.6 | 75.4 | 34.3 | 12.1 | 19.3 | 19.3 | 0.0 |
| 21:01:30 | 33 42.0 | -93 48.6 | 119.5 | 1.7 | 119.5 | 679 | 0.0 | 24.6 | -15.4 | 76.3 | 82.3 | 50.0 | 26.6 | 22.1 | 22.1 | 9.0 |
| 21:01:29 | 33 42.0 | -93 48.6 | 424.6 | 441.3 | 10348* | 678 | 37.2 | -11.6 | -3.3 | 75.7 | 79.6 | 0.0 | 213.2 | 97.0 | 93.2 | 212.0 |
| 21:02:00 | 33 44.3 | -93 45.7 | 120.3 | 1.7 | 120.3 | 554 | 93.1 | 1.9 | -1.9 | 935.0 | 79.3 | 34.5 | 12.4 | -16.9 | -18.9 | 0.1 |
| 21:02:00 | 33 48.0 | -93 43.3 | 120.2 | 1.9 | 120.2 | 572 | 93.1 | 1.8 | -2.1 | 250.6 | 79.3 | 34.9 | 11.6 | 19.3 | 19.3 | 0.0 |
| 21:02:00 | 33 42.0 | -93 46.3 | 120.6 | 0.3 | 120.6 | 673 | 0.0 | 19.0 | -19.4 | 80.4 | 86.4 | 50.0 | 25.6 | 21.6 | 21.6 | 9.3 |
| 21:01:59 | 33 42.0 | -93 46.2 | 424.0 | 440.6 | 10348* | 675 | 33.7 | -9.0 | -2.4 | 79.6 | 83.6 | 0.0 | 218.6 | 97.3 | 97.0 | 216.8 |
| 21:02:30 | 33 44.3 | -93 43.4 | 120.8 | 1.9 | 120.8 | 542 | 93.0 | 1.5 | -1.4 | 934.7 | 79.3 | 34.5 | 12.4 | -16.9 | -18.9 | 0.1 |
| 21:02:30 | 33 48.0 | -93 41.0 | 120.7 | 2.2 | 120.7 | 559 | 92.8 | 1.4 | -1.5 | 250.6 | 79.3 | 34.9 | 11.6 | 19.6 | 19.6 | 0.0 |
| 21:02:30 | 33 42.1 | -93 43.9 | 121.1 | 0.7 | 121.1 | 679 | 0.0 | 20.6 | -18.6 | 80.2 | 86.4 | 50.0 | 25.6 | 22.2 | 22.2 | 9.3 |
| 21:02:29 | 33 42.1 | -93 43.9 | 424.0 | 440.6 | 10348* | 678 | 35.8 | -11.6 | -3.4 | 79.6 | 83.9 | 0.0 | 218.6 | 96.7 | 96.5 | 216.8 |
| 21:03:00 | 33 44.4 | -93 41.1 | 119.7 | 2.4 | 119.7 | 548 | 92.6 | 2.0 | -1.7 | 935.0 | 77.9 | 34.5 | 12.8 | -16.9 | -18.9 | 0.1 |
| 21:03:00 | 33 48.1 | -93 38.6 | 119.5 | 2.7 | 119.6 | 565 | 92.3 | 1.8 | -1.8 | 250.6 | 77.9 | 34.9 | 12.0 | 18.8 | 18.8 | 0.0 |
| 21:03:00 | 33 42.1 | -93 41.6 | 120.0 | 1.0 | 120.0 | 675 | 0.0 | 18.3 | -19.2 | 79.3 | 84.8 | 50.0 | 25.9 | 21.6 | 21.6 | 9.1 |
| 21:02:59 | 33 42.1 | -93 41.6 | 424.5 | 441.1 | 10348* | 675 | 43.6 | -5.9 | -1.4 | 78.2 | 82.2 | 0.0 | 216.6 | 97.1 | 95.9 | 215.1 |
| 21:03:30 | 33 44.3 | -93 38.8 | 113.0 | -32.9 | 117.7 | 563 | 109.7* | 1.1 | 24.5 | 933.4 | 78.8 | 34.2 | 12.3 | -16.9 | -18.9 | 0.2 |
| 21:03:30 | 33 48.0 | -93 36.3 | 112.8 | -32.7 | 117.5 | 578 | 109.8* | 1.0 | 24.4 | 250.6 | 78.8 | 34.6 | 11.5 | 20.0 | 20.0 | 0.0 |
| 21:03:30 | 33 42.0 | -93 39.3 | 115.4 | -30.5 | 119.3 | 685 | 0.0 | 21.4 | -18.1 | 79.8 | 85.9 | 50.0 | 25.7 | 22.4 | 22.4 | 9.4 |
| 21:03:29 | 33 42.0 | -93 39.3 | 423.8 | 440.3 | 10348* | 687 | 43.8 | -11.5 | -2.9 | 79.1 | 83.9 | 0.0 | 217.9 | 110.2 | 98.5 | 216.1 |
| 21:04:00 | 33 43.0 | -93 37.4 | 7.9 | -115.5 | 115.8 | 575 | 177.6* | 3.5* | 23.8 | 933.4 | 78.7 | 34.3 | 12.4 | -16.9 | -18.9 | 0.3 |
| 21:04:00 | 33 46.7 | -93 35.0 | 7.7 | -115.3 | 115.6 | 588 | 177.5* | 3.3* | 23.6 | 250.5 | 78.7 | 34.6 | 11.5 | 19.4 | 19.4 | 0.0 |
| 21:04:00 | 33 40.7 | -93 37.9 | 10.8 | -116.3 | 116.8 | 678 | 0.0 | 24.5 | -16.9 | 79.8 | 86.2 | 50.0 | 25.7 | 22.1 | 22.1 | 9.3 |
| 21:03:59 | 33 40.7 | -93 37.9 | 424.0 | 440.5 | 10349* | 685 | 33.6 | -14.7 | -4.1 | 79.0 | 83.6 | 0.0 | 217.7 | 175.3 | 100.2 | 216.0 |
| 21:04:30 | 33 41.3 | -93 38.3 | -61.5 | -96.7 | 114.6 | 837 | 211.3 | 6.8* | -0.4 | 907.4 | 76.0 | 32.0 | 10.9 | -16.9 | -18.9 | 0.2 |
| 21:04:30 | 33 45.0 | -93 35.9 | -61.8 | -96.6 | 114.7 | 849 | 211.0 | 6.6* | -0.6 | 250.5 | 76.0 | 32.4 | 10.1 | 19.1 | 19.1 | 0.0 |
| 21:04:30 | 33 38.9 | -93 38.7 | -61.6 | -97.8 | 115.6 | 930 | 0.0 | 15.7 | -19.6 | 77.5 | 83.2 | 50.0 | 26.4 | 22.2 | 22.2 | 10.3 |
| 21:04:29 | 33 38.9 | -93 38.7 | 421.7 | 438.1 | 10349* | 934 | 39.7 | -13.2 | -3.9 | 76.2 | 80.7 | 0.0 | 214.1 | 208.2 | 96.9 | 212.1 |
| 21:05:00 | 33 39.7 | -93 39.5 | -62.2 | -95.6 | 114.1 | 1126 | 212.0 | 5.9 | -1.5* | 878.1 | 75.2 | 29.7 | 8.9 | -16.9 | -18.9 | 0.3 |
| 21:05:00 | 33 43.4 | -93 37.1 | -62.4 | -95.5 | 114.1 | 1140 | 212.1 | 5.8 | -1.6* | 250.6 | 75.2 | 30.1 | 8.2 | 18.1 | 18.1 | 0.0 |
| 21:05:00 | 33 37.4 | -93 39.9 | -62.3 | -96.7 | 115.0 | 1217 | 0.0 | 19.2 | -17.8 | 76.2 | 82.3 | 50.0 | 26.6 | 21.6 | 21.6 | 11.9 |
| 21:04:59 | 33 37.3 | -93 39.9 | 418.8 | 435.1 | 10348* | 1220 | 36.7 | -15.1 | -4.5 | 75.3 | 79.6 | 0.0 | 212.9 | 208.8 | 95.9 | 210.3 |
| 21:05:30 | 33 38.1 | -93 40.5 | -48.9 | -98.0 | 109.6 | 1404 | 205.2 | 7.3 | -1.6 | 849.2 | 70.2 | 27.1 | 7.6 | -16.9 | -18.9 | 0.3 |
| 21:05:30 | 33 41.8 | -93 38.1 | -49.2 | -98.0 | 109.6 | 1412 | 205.0 | 7.1 | -1.7 | 250.6 | 70.2 | 27.5 | 7.0 | 16.2 | 16.2 | 0.0 |
| 21:05:30 | 33 35.7 | -93 41.0 | -49.2 | -99.1 | 110.7 | 1508 | 0.0 | 18.6 | -16.4 | 71.3 | 77.0 | 50.0 | 28.0 | 20.0 | 20.0 | 13.0 |
| 21:05:29 | 33 35.7 | -93 41.0 | 416.8 | 433.0 | 10348* | 1512 | 39.7 | -14.5 | -4.5 | 70.3 | 74.4 | 0.0 | 205.9 | 201.6 | 93.2 | 203.3 |
| 21:06:00 | 33 36.5 | -93 41.5 | -47.4 | -96.9 | 107.9 | 1492* | 205.3 | 6.2 | -1.1 | 822.8 | 67.5 | 24.5 | 5.8 | -16.9 | -18.9 | 0.3 |
| 21:06:00 | 33 40.3 | -93 39.1 | -47.7 | -96.8 | 108.0 | 1689 | 205.0 | 6.1 | -1.2 | 250.6 | 67.5 | 24.9 | 5.3 | 14.9 | 14.9 | 0.0 |
| 21:06:00 | 33 34.2 | -93 41.9 | -47.7 | -97.9 | 108.8 | 1781 | 0.0 | 19.7 | -14.9 | 68.7 | 74.0 | 50.0 | 28.7 | 18.7 | 18.7 | 14.8 |
| 21:05:59 | 33 34.1 | -93 41.9 | 414.1 | 430.2 | 10348* | 1786 | 32.6 | -11.6 | -3.3 | 67.7 | 71.6 | 0.0 | 202.0 | 202.7 | 90.9 | 199.0 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 21:06:30 | 33 35.0 | -93 42.4 | -47.2 | -96.2 | 107.2 | 1800* | 205.4 | 6.3 | -0.6 | 798.3 | 65.4 | 22.7 | 4.5 | -16.9 | -18.9 | 0.3 |
| 21:06:30 | 33 38.7 | -93 40.0 | -47.5 | -96.2 | 107.3 | 1965 | 205.0 | 6.1 | -0.7 | 250.6 | 65.4 | 23.0 | 4.1 | 13.7 | 13.7 | 0.0 |
| 21:06:30 | 33 32.6 | -93 42.8 | -47.4 | -97.3 | 108.2 | 2038 | 0.0 | 22.5 | -13.0 | 66.3 | 71.9 | 50.0 | 29.3 | 17.7 | 17.7 | 16.2 |
| 21:06:29 | 33 32.6 | -93 42.8 | 412.3 | 428.3 | 10348* | 2043 | 30.5 | -14.4 | -4.4 | 65.5 | 69.2 | 0.0 | 198.8 | 202.0 | 88.2 | 195.7 |
| 21:07:00 | 33 33.4 | -93 43.3 | -47.8 | -98.2 | 109.3 | 2053* | 206.1 | 5.5 | -1.6 | 777.9 | 67.0 | 21.6 | 3.1 | -16.9 | -18.9 | 0.3 |
| 21:07:00 | 33 37.1 | -93 40.9 | -48.1 | -98.2 | 109.3 | 2180 | 206.2 | 5.3 | -1.7 | 250.6 | 67.0 | 21.9 | 2.6 | 11.0 | 11.0 | 0.0 |
| 21:07:00 | 33 31.0 | -93 43.8 | -48.1 | -99.2 | 110.2 | 2253 | 0.0 | 20.6 | -14.4 | 67.6 | 73.4 | 50.0 | 28.8 | 13.9 | 13.9 | 18.0 |
| 21:06:59 | 33 31.0 | -93 43.8 | 410.2 | 426.1 | 10348* | 2263 | 35.2 | -16.6 | -5.3 | 67.1 | 70.8 | 0.0 | 201.2 | 203.5 | 87.9 | 197.3 |
| 21:07:30 | 33 31.8 | -93 44.2 | -48.5 | -99.8 | 111.0 | 1828* | 206.3 | 5.7 | -1.4 | 757.0 | 66.7 | 20.3 | 2.0 | -16.9 | -18.9 | 0.2 |
| 21:07:30 | 33 35.5 | -93 41.8 | -48.8 | -99.8 | 111.1 | 2387 | 206.2 | 5.6 | -1.6 | 250.6 | 66.7 | 20.6 | 1.5 | 9.4 | 9.4 | 0.0 |
| 21:07:30 | 33 29.4 | -93 44.7 | -48.8 | -100.8 | 112.0 | 2480 | 0.0 | 21.9 | -13.7 | 67.2 | 73.2 | 50.0 | 28.9 | 12.3 | 12.3 | 19.6 |
| 21:07:29 | 33 29.4 | -93 44.7 | 408.4 | 424.2 | 10348* | 2491 | 14.7 | -17.9 | -5.7 | 66.8 | 70.5 | 0.0 | 200.8 | 203.7 | 85.4 | 196.6 |
| 21:08:00 | 33 30.2 | -93 45.2 | -47.2 | -100.2 | 110.7 | 1830 | 206.4 | 5.9 | -1.3 | 736.5 | 64.6 | 19.9 | 2.1 | -16.9 | -18.9 | 0.2 |
| 21:08:00 | 33 33.9 | -93 42.8 | -47.5 | -100.2 | 110.9 | 2630 | 206.2 | 5.7 | -1.4 | 250.6 | 64.6 | 20.2 | 1.6 | 5.9 | 5.9 | 0.0 |
| 21:08:00 | 33 27.7 | -93 45.6 | -47.5 | -101.1 | 111.8 | 2715 | 0.0 | 22.1 | -12.9 | 65.3 | 70.8 | 50.0 | 29.5 | 8.2 | 8.2 | 19.4 |
| 21:07:59 | 33 27.7 | -93 45.6 | 408.6 | 424.4 | 10348* | 2722 | 36.6 | -14.6 | -4.5 | 64.7 | 68.4 | 0.0 | 197.7 | 205.5 | 82.7 | 193.7 |
| 21:08:30 | 33 28.6 | -93 46.1 | -49.3 | -96.9 | 108.7 | 2091* | 208.0 | 7.0 | -1.2 | 715.2 | 60.4 | 17.7 | 0.9 | -16.9 | -18.9 | 0.2 |
| 21:08:30 | 33 32.3 | -93 43.7 | -49.6 | -96.9 | 108.8 | 2866 | 207.7 | 6.8 | -1.3 | 250.6 | 60.4 | 18.0 | 0.6 | 4.8 | 4.8 | 0.0 |
| 21:08:30 | 33 26.1 | -93 46.6 | -49.6 | -97.9 | 109.7 | 2963 | 0.0 | 25.4 | -9.9 | 61.1 | 66.6 | 50.0 | 30.6 | 7.0 | 7.0 | 21.1 |
| 21:08:29 | 33 26.1 | -93 46.6 | 406.9 | 422.7 | 10348* | 2967 | 37.6 | -16.2 | -5.1 | 60.5 | 64.0 | 0.0 | 191.3 | 206.2 | 78.4 | 187.4 |
| 21:09:00 | 33 27.0 | -93 47.1 | -49.7 | -99.4 | 111.1 | 2362 | 208.3 | 5.4 | -1.6 | 696.7 | 60.0 | 17.5 | 0.9 | -16.9 | -18.9 | 0.2 |
| 21:09:00 | 33 30.7 | -93 44.7 | -50.0 | -99.4 | 111.3 | 3095 | 208.4 | 5.2 | -1.8 | 250.6 | 60.0 | 17.8 | 0.5 | 1.1 | 1.1 | 0.0 |
| 21:09:00 | 33 24.5 | -93 47.5 | -50.0 | -100.3 | 112.1 | 3183 | 0.0 | 25.0 | -10.0 | 60.7 | 66.1 | 50.0 | 30.7 | 3.0 | 3.0 | 21.2 |
| 21:08:59 | 33 24.5 | -93 47.5 | 406.8 | 422.5 | 10348* | 3187 | 34.6 | -15.8 | -5.0 | 60.2 | 63.6 | 0.0 | 190.7 | 207.7 | 75.6 | 186.9 |
| 21:09:30 | 33 25.4 | -93 48.0 | -49.2 | -101.7 | 113.0 | 2378* | 208.3 | 5.6 | -1.3 | 680.3 | 62.5 | 16.1 | -0.9 | -16.9 | -18.9 | 0.2 |
| 21:09:30 | 33 29.1 | -93 45.7 | -49.6 | -101.7 | 113.2 | 3291 | 208.1 | 5.4 | -1.5 | 250.6 | 62.5 | 16.5 | -1.3 | 1.5 | 1.5 | 0.0 |
| 21:09:30 | 33 22.9 | -93 48.5 | -49.6 | -102.7 | 114.0 | 3383 | 0.0 | 23.3 | -11.5 | 63.0 | 68.4 | 50.0 | 30.1 | 3.4 | 3.4 | 24.3 |
| 21:09:29 | 33 22.9 | -93 48.5 | 404.1 | 419.7 | 10348* | 3384 | 30.7 | -15.1 | -4.6 | 62.6 | 66.1 | 0.0 | 194.5 | 209.1 | 76.6 | 189.7 |
| 21:10:00 | 33 23.7 | -93 49.0 | -48.8 | -102.7 | 113.7 | 2502 | 208.3 | 5.5 | -1.4 | 664.0 | 62.6 | 14.4 | -2.6 | -16.9 | -18.9 | 0.2 |
| 21:10:00 | 33 27.4 | -93 46.6 | -49.2 | -102.8 | 113.9 | 3460 | 208.1 | 5.3 | -1.5 | 250.6 | 62.6 | 14.7 | -3.0 | 1.3 | 1.3 | 0.0 |
| 21:10:00 | 33 21.2 | -93 49.5 | -49.2 | -103.7 | 114.8 | 3582 | 0.0 | 23.5 | -11.4 | 63.1 | 68.5 | 50.0 | 30.0 | 2.8 | 2.8 | 27.5 |
| 21:09:59 | 33 21.2 | -93 49.5 | 401.6 | 417.1 | 10348* | 3582 | 29.4 | -15.1 | -4.6 | 62.7 | 66.2 | 0.0 | 194.6 | 209.8 | 75.5 | 189.3 |
| 21:10:30 | 33 22.0 | -93 49.9 | -48.3 | -102.9 | 113.7 | 2713 | 207.8 | 5.6 | -0.8 | 647.6 | 62.3 | 13.6 | -3.3 | -16.9 | -18.9 | 0.2 |
| 21:10:30 | 33 25.7 | -93 47.6 | -48.7 | -102.9 | 113.9 | 3695 | 207.5 | 5.4 | -1.0 | 250.6 | 62.3 | 14.0 | -3.6 | -1.8 | -2.1 | 0.0 |
| 21:10:30 | 33 19.5 | -93 50.4 | -48.7 | -103.9 | 114.7 | 3786 | 0.0 | 23.6 | -11.2 | 62.7 | 68.2 | 50.0 | 30.1 | -8.8 | -9.9 | 28.9 |
| 21:10:29 | 33 19.5 | -93 50.4 | 400.7 | 416.1 | 10348* | 3787 | 26.6 | -15.4 | -4.7 | 62.5 | 65.9 | 0.0 | 194.3 | 208.6 | 74.9 | 188.7 |
| 21:11:00 | 33 20.4 | -93 50.8 | -48.6 | -102.2 | 113.2 | 2889 | 208.5 | 5.5 | -1.9 | 632.3 | 61.4 | 13.3 | -3.4 | -16.9 | -18.9 | 0.2 |
| 21:11:00 | 33 24.1 | -93 48.5 | -49.0 | -102.3 | 113.4 | 3888 | 208.6 | 5.3 | -2.0 | 250.6 | 61.4 | 13.6 | -3.8 | -16.2 | -18.1 | 0.0 |
| 21:11:00 | 33 17.8 | -93 51.3 | -49.2 | -103.1 | 114.2 | 3982 | 0.1 | 24.1 | -10.7 | 61.7 | 67.2 | 50.0 | 30.4 | -14.2 | -15.9 | 29.3 |
| 21:10:59 | 33 17.8 | -93 51.3 | 400.4 | 415.8 | 10348* | 3982 | 29.2 | -16.3 | -5.1 | 61.5 | 65.0 | 0.0 | 192.8 | 209.9 | 74.1 | 187.3 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 21:11:30 | 33 18.7 | -93 51.8 | -47.0 | -103.2 | 113.4 | 3147 | 208.2 | 5.5 | -1.8* | 616.6 | 59.8 | 12.2 | -4.0 | -16.9 | -18.9 | 0.2 |
| 21:11:30 | 33 22.4 | -93 49.4 | -47.4 | -103.3 | 113.6 | 4069 | 208.1 | 5.1 | -1.5 | 250.6 | 59.8 | 12.7 | -4.3 | -20.0 | -22.3 | 0.0 |
| 21:11:30 | 33 16.2 | -93 52.3 | -47.4 | -104.1 | 114.4 | 4186 | 0.0 | 23.9 | -10.1 | 60.2 | 65.4 | 50.0 | 30.8 | -20.2 | -22.5 | 30.6 |
| 21:11:29 | 33 16.2 | -93 52.3 | 399.5 | 414.9 | 10348* | 4186 | 29.4 | -15.5 | -4.8 | 59.9 | 63.3 | 0.0 | 190.4 | 210.9 | 71.6 | 184.9 |
| 21:12:00 | 33 17.0 | -93 52.7 | -48.4 | -103.6 | 114.4 | 3277 | 208.2 | 5.1 | 0.9 | 605.1 | 59.8 | 11.3 | -4.9 | -16.9 | -18.9 | 0.2 |
| 21:12:00 | 33 20.7 | -93 50.4 | -48.8 | -103.7 | 114.6 | 4251 | 208.0 | 5.0 | 0.7 | 250.5 | 59.8 | 11.8 | -5.1 | -27.1 | -30.0 | 0.0 |
| 21:12:00 | 33 14.5 | -93 53.2 | -48.7 | -104.6 | 115.4 | 4338 | 0.0 | 25.0 | -9.5 | 60.2 | 65.4 | 50.0 | 30.8 | -28.6 | -31.6 | 32.8 |
| 21:11:59 | 33 14.5 | -93 53.2 | 398.2 | 413.5 | 10349* | 4337 | 27.5 | -15.2 | -4.7 | 59.9 | 63.4 | 0.0 | 190.3 | 209.8 | 70.2 | 184.5 |
| 21:12:30 | 33 15.4 | -93 53.7 | -52.1 | -102.3 | 114.8 | 3458 | 208.7 | 5.2 | -2.2 | 592.3 | 59.5 | 11.1 | -5.0 | -16.9 | -18.9 | 0.2 |
| 21:12:30 | 33 19.1 | -93 51.3 | -52.6 | -102.3 | 115.0 | 4430 | 208.4 | 5.0 | -2.4 | 250.6 | 59.5 | 11.6 | -5.2 | -31.4 | -34.5 | 0.0 |
| 21:12:30 | 33 12.8 | -93 54.2 | -52.8 | -103.0 | 115.8 | 4508 | 0.0 | 24.7 | -9.5 | 59.9 | 65.0 | 50.0 | 30.9 | -28.8 | -31.8 | 33.1 |
| 21:12:29 | 33 12.8 | -93 54.2 | 398.0 | 413.3 | 10348* | 4511 | 29.4 | -14.3 | -4.4 | 59.7 | 63.1 | 0.0 | 190.0 | 208.6 | 69.3 | 184.1 |
| 21:13:00 | 33 13.7 | -93 54.7 | -51.6 | -105.1 | 117.0 | 3620 | 208.7 | 4.5 | -1.5 | 580.9 | 57.8 | 10.5 | -5.2 | -16.9 | -18.9 | 0.2 |
| 21:13:00 | 33 17.4 | -93 52.4 | -52.0 | -105.1 | 117.3 | 4586 | 208.8 | 4.3 | -1.7 | 250.6 | 57.8 | 11.1 | -5.3 | -33.7 | -37.0 | 0.0 |
| 21:13:00 | 33 11.1 | -93 55.2 | -52.1 | -105.8 | 118.0 | 4667 | 0.0 | 26.1 | -8.3 | 58.1 | 63.1 | 50.0 | 31.4 | -32.2 | -35.4 | 33.4 |
| 21:12:59 | 33 11.1 | -93 55.2 | 397.9 | 413.1 | 10348* | 4668 | 28.2 | -14.8 | -4.6 | 57.9 | 61.2 | 0.0 | 187.2 | 209.9 | 64.5 | 181.5 |
| 21:13:30 | 33 11.9 | -93 55.7 | -53.4 | -109.0 | 121.4 | 3728 | 208.4 | 4.2 | -1.3 | 573.4 | 61.2 | 10.8 | -5.7 | -16.9 | -18.9 | 0.2 |
| 21:13:30 | 33 15.7 | -93 53.4 | -53.8 | -109.1 | 121.6 | 4692 | 208.2 | 4.0 | -1.4 | 250.6 | 61.2 | 11.3 | -5.9 | -35.3 | -38.7 | 0.0 |
| 21:13:30 | 33 9.3 | -93 56.2 | -54.0 | -109.8 | 122.4 | 4769 | 0.0 | 24.3 | -10.2 | 61.3 | 66.6 | 50.0 | 30.4 | -32.7 | -35.9 | 34.9 |
| 21:13:29 | 33 9.3 | -93 56.2 | 397.0 | 412.3 | 10348* | 4771 | 29.6 | -15.2 | -4.8 | 61.3 | 64.8 | 0.0 | 192.5 | 209.1 | 64.9 | 186.2 |
| 21:14:00 | 33 10.2 | -93 56.7 | -52.8 | -111.4 | 123.3 | 3842 | 208.8 | 4.3* | -2.1* | 564.6 | 62.7 | 11.0 | -5.9 | -16.9 | -18.9 | 0.2 |
| 21:14:00 | 33 13.9 | -93 54.4 | -53.3 | -111.4 | 123.5 | 4779 | 208.5 | 4.1 | -2.2 | 250.6 | 62.7 | 11.4 | -6.1 | -37.0 | -40.5 | 0.0 |
| 21:14:00 | 33 7.5 | -93 57.2 | -53.5 | -112.2 | 124.3 | 4892 | 0.0 | 23.0 | -11.2 | 62.8 | 68.0 | 50.0 | 30.0 | -31.7 | -34.8 | 35.3 |
| 21:13:59 | 33 7.5 | -93 57.3 | 396.8 | 412.0 | 10348* | 4893 | 28.9 | -14.8 | -4.6 | 62.8 | 66.3 | 0.0 | 194.8 | 212.0 | 65.3 | 188.3 |
| 21:14:30 | 33 8.4 | -93 57.7 | -54.6 | -110.8 | 123.5 | 3965 | 209.8 | 4.4 | -1.3 | 555.5 | 62.6 | 9.9 | -6.9 | -16.9 | -18.9 | 0.2 |
| 21:14:30 | 33 12.1 | -93 55.4 | -55.0 | -110.9 | 123.8 | 4732* | 209.5 | 4.2 | -1.4 | 250.6 | 62.6 | 10.4 | -7.1 | -36.7 | -40.2 | 0.0 |
| 21:14:30 | 33 5.7 | -93 58.3 | -55.2 | -111.6 | 124.5 | 5021 | 0.0 | 23.0 | -11.2 | 62.7 | 67.8 | 50.0 | 30.0 | -31.4 | -34.5 | 38.1 |
| 21:14:29 | 33 5.7 | -93 58.3 | 395.3 | 410.5 | 10348* | 5023 | 27.3 | -14.3 | -4.5 | 62.7 | 66.2 | 0.0 | 194.6 | 213.4 | 64.6 | 187.8 |
| 21:15:00 | 33 6.6 | -93 58.8 | -55.0 | -109.7 | 122.7 | 4087 | 209.3 | 4.7 | -0.9 | 545.8 | 60.5 | 9.5 | -6.8 | -16.9 | -18.9 | 0.2 |
| 21:15:00 | 33 10.3 | -93 56.5 | -55.4 | -109.8 | 123.0 | 4889 | 209.3 | 4.5 | -1.0 | 250.6 | 60.5 | 10.0 | -6.9 | -37.6 | -41.1 | 0.0 |
| 21:15:00 | 33 3.9 | -93 59.4 | -55.6 | -110.5 | 123.7 | 5167 | 0.0 | 23.5 | -10.2 | 60.6 | 65.7 | 50.0 | 30.6 | -33.9 | -37.2 | 37.9 |
| 21:14:59 | 33 3.9 | -93 59.4 | 395.5 | 410.6 | 10348* | 5164 | 28.4 | -15.1 | -4.8 | 60.6 | 64.0 | 0.0 | 191.5 | 210.7 | 62.3 | 184.9 |
| 21:15:30 | 33 4.8 | -93 59.8 | -56.1 | -108.5 | 122.1 | 4386* | 209.1 | 4.8 | -0.8 | 536.6 | 57.3 | 8.3 | -7.1 | -16.9 | -18.9 | 0.2 |
| 21:15:30 | 33 8.5 | -93 57.6 | -56.5 | -108.6 | 122.4 | 5035 | 208.9 | 4.6 | -1.0 | 250.6 | 57.3 | 8.9 | -7.2 | -37.5 | -41.0 | 0.0 |
| 21:15:30 | 33 2.1 | -94 0.4 | -56.7 | -109.2 | 123.1 | 5299 | 0.0 | 25.6 | -8.2 | 57.5 | 62.4 | 50.0 | 31.5 | -34.4 | -37.7 | 39.0 |
| 21:15:29 | 33 2.1 | -94 0.4 | 394.9 | 410.1 | 10348* | 5301 | 28.9 | -14.0 | -4.4 | 57.4 | 60.7 | 0.0 | 186.4 | 209.1 | 58.0 | 180.1 |
| 21:16:00 | 33 3.0 | -94 1.0 | -60.2 | -112.7 | 127.8 | 4342 | 209.7 | 2.3 | -1.6 | 532.0 | 61.6 | 9.0 | -7.5 | -16.9 | -18.9 | 0.3 |
| 21:16:00 | 33 6.7 | -93 58.7 | -60.7 | -112.8 | 128.0 | 5121 | 209.5 | 2.1 | -1.7 | 250.6 | 61.6 | 9.5 | -7.6 | -37.2 | -40.7 | 0.0 |
| 21:16:00 | 33 0.4 | -94 1.6 | -60.8 | -113.2 | 128.5 | 5370 | 0.0 | 23.4 | -10.6 | 61.5 | 66.5 | 50.0 | 30.3 | -31.3 | -34.4 | 40.1 |
| 21:15:59 | 33 0.4 | -94 1.6 | 394.4 | 409.5 | 10348* | 5371 | 26.4 | -14.6 | -4.6 | 61.7 | 65.1 | 0.0 | 193.1 | 209.5 | 58.4 | 186.2 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 21:16:30 | 33 1.1 | -94 2.1 | -58.1 | -119.3 | 132.7 | 4324 | 208.2 | 2.1 | -2.5 | 531.8 | 67.4 | 9.7 | -8.0 | -16.9 | -18.9 | 0.3 |
| 21:16:30 | 33 4.8 | -93 59.9 | -58.5 | -119.4 | 132.9 | 5084* | 207.9 | 1.9 | -2.6 | 250.6 | 67.4 | 10.2 | -8.4 | -36.6 | -40.1 | 0.0 |
| 21:16:30 | 32 58.5 | -94 2.7 | -58.9 | -120.0 | 133.6 | 5372 | 0.0 | 21.3 | -13.2 | 67.0 | 72.2 | 50.0 | 28.7 | -35.3 | -38.7 | 41.9 |
| 21:16:29 | 32 58.5 | -94 2.7 | 393.6 | 408.7 | 10348* | 5371 | 32.9 | -15.0 | -4.8 | 67.5 | 71.1 | 0.0 | 201.8 | 209.7 | 61.2 | 193.8 |
| 21:17:00 | 32 59.2 | -94 3.2 | -57.9 | -119.4 | 132.7 | 4293 | 207.7 | 2.3 | -1.7 | 531.8 | 66.2 | 10.0 | -7.5 | -16.9 | -18.9 | 0.3 |
| 21:17:00 | 33 2.9 | -94 1.0 | -58.3 | -119.5 | 132.9 | 4986* | 207.8 | 2.1 | -1.8 | 250.6 | 66.2 | 10.5 | -7.8 | -36.3 | -39.7 | 0.0 |
| 21:17:00 | 32 56.5 | -94 3

A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 21:21:30 | 32 41.4 | -94 13.5 | -55.1 | -125.6 | 137.1 | 4332 | 205.7 | 1.8 | -3.7 | 531.3 | 72.7 | 10.1 | -8.8 | -16.9 | -18.9 | 0.3 |
| 21:21:30 | 32 45.1 | -94 11.3 | -55.4 | -125.7 | 137.3 | 5082 | 205.5 | 1.7 | -3.8 | 250.6 | 72.7 | 10.6 | -9.3 | -36.7 | -40.2 | 0.0 |
| 21:21:30 | 32 38.6 | -94 14.2 | -55.8 | -126.1 | 137.9 | 5374 | 0.0 | 18.8 | -16.1 | 72.0 | 77.4 | 50.0 | 27.3 | -34.6 | -38.0 | 44.4 |
| 21:21:29 | 32 38.6 | -94 14.2 | 392.5 | 407.5 | 10348* | 5373 | 30.3 | -13.6 | -4.2 | 72.8 | 76.6 | 0.0 | 209.4 | 207.7 | 63.4 | 200.4 |
| 21:22:00 | 32 39.4 | -94 14.5 | -57.4 | -123.2 | 135.9 | 4303 | 207.1 | 1.9 | -0.7 | 531.2 | 71.5 | 10.0 | -8.6 | -16.9 | -18.9 | 0.3 |
| 21:22:00 | 32 43.1 | -94 12.4 | -57.7 | -123.3 | 136.1 | 5083* | 206.9 | 1.7 | -0.9 | 250.6 | 71.5 | 10.5 | -9.1 | -37.0 | -40.5 | 0.0 |
| 21:22:00 | 32 36.6 | -94 15.3 | -57.9 | -123.8 | 136.7 | 5375 | 0.0 | 19.1 | -15.6 | 71.0 | 76.3 | 50.0 | 27.6 | -35.2 | -38.5 | 43.8 |
| 21:21:59 | 32 36.6 | -94 15.3 | 392.7 | 407.7 | 10348* | 5373 | 32.3 | -12.9 | -3.8 | 71.6 | 75.6 | 0.0 | 207.7 | 209.1 | 63.2 | 199.0 |
| 21:22:30 | 32 37.4 | -94 15.6 | -58.6 | -123.2 | 136.5 | 4303 | 207.4 | 1.6 | -1.2 | 531.0 | 71.7 | 10.1 | -8.7 | -16.9 | -18.9 | 0.3 |
| 21:22:30 | 32 41.1 | -94 13.5 | -58.9 | -123.4 | 136.7 | 5046* | 207.1 | 1.5 | -1.3 | 250.6 | 71.7 | 10.5 | -9.1 | -37.5 | -41.0 | 0.0 |
| 21:22:30 | 32 34.6 | -94 16.4 | -59.1 | -123.7 | 137.2 | 5374 | 0.0 | 19.3 | -15.6 | 71.5 | 76.5 | 50.0 | 27.6 | -35.3 | -38.7 | 44.0 |
| 21:22:29 | 32 34.6 | -94 16.4 | 392.7 | 407.7 | 10348* | 5375 | 30.8 | -9.6 | -2.7 | 71.9 | 75.9 | 0.0 | 208.0 | 210.2 | 62.9 | 199.2 |
| 21:23:00 | 32 35.4 | -94 16.8 | -59.0 | -124.2 | 137.5 | 4301 | 207.3 | 1.4 | -1.0 | 531.0 | 72.7 | 10.1 | -8.8 | -16.9 | -18.9 | 0.3 |
| 21:23:00 | 32 39.1 | -94 14.6 | -59.2 | -124.3 | 137.7 | 5049* | 207.3 | 1.2 | -1.2 | 250.6 | 72.7 | 10.6 | -9.3 | -37.5 | -41.1 | 0.0 |
| 21:23:00 | 32 32.6 | -94 17.5 | -59.5 | -124.7 | 138.2 | 5375 | 0.0 | 18.4 | -16.2 | 72.4 | 77.4 | 50.0 | 27.3 | -35.8 | -39.2 | 44.5 |
| 21:22:59 | 32 32.6 | -94 17.5 | 392.4 | 407.4 | 10348* | 5375 | 26.9 | -9.0 | -2.5 | 72.8 | 76.9 | 0.0 | 209.4 | 209.9 | 63.0 | 200.4 |
| 21:23:30 | 32 33.4 | -94 17.9 | -59.1 | -124.2 | 137.5 | 4296 | 207.5 | 1.8 | -1.1 | 531.2 | 74.0 | 10.7 | -8.5 | -16.9 | -18.9 | 0.3 |
| 21:23:30 | 32 37.0 | -94 15.8 | -59.3 | -124.3 | 137.7 | 4920* | 207.3 | 1.6 | -1.3 | 250.6 | 74.1 | 11.2 | -9.0 | -38.2 | -41.8 | 0.0 |
| 21:23:30 | 32 30.5 | -94 18.7 | -59.7 | -124.7 | 138.3 | 5371 | 0.0 | 18.1 | -16.8 | 73.8 | 78.9 | 50.0 | 26.9 | -36.8 | -40.3 | 43.4 |
| 21:23:29 | 32 30.5 | -94 18.7 | 392.9 | 407.9 | 10348* | 5371 | 24.6 | -8.7 | -2.3 | 74.2 | 78.3 | 0.0 | 211.3 | 210.6 | 64.9 | 202.3 |
| 21:24:00 | 32 31.4 | -94 19.2 | -69.6 | -117.7 | 136.7 | 4306 | 212.8 | 2.0 | -0.1 | 531.3 | 72.8 | 9.9 | -9.0 | -16.9 | -18.9 | 0.3 |
| 21:24:00 | 32 35.1 | -94 17.0 | -69.9 | -117.8 | 137.0 | 5112* | 212.5 | 1.8 | -0.3 | 250.6 | 72.8 | 10.4 | -9.5 | -38.8 | -42.4 | 0.0 |
| 21:24:00 | 32 28.6 | -94 19.9 | -70.1 | -118.2 | 137.5 | 5368 | 0.0 | 18.4 | -16.3 | 72.6 | 77.6 | 50.0 | 27.3 | -35.2 | -38.6 | 45.3 |
| 21:23:59 | 32 28.6 | -94 19.9 | 392.1 | 407.1 | 10348* | 5370 | 24.0 | -8.9 | -2.4 | 73.0 | 77.1 | 0.0 | 209.6 | 215.9 | 64.0 | 200.5 |
| 21:24:30 | 32 29.5 | -94 20.5 | -71.0 | -116.3 | 136.2 | 4352 | 213.1 | 1.6 | -0.7 | 531.0 | 73.0 | 10.6 | -8.4 | -16.9 | -18.9 | 0.3 |
| 21:24:30 | 32 33.2 | -94 18.4 | -71.2 | -116.4 | 136.5 | 4974* | 212.8 | 1.5 | -0.9 | 250.6 | 73.0 | 11.0 | -9.0 | -38.8 | -42.4 | 0.0 |
| 21:24:30 | 32 26.7 | -94 21.3 | -71.5 | -116.7 | 136.9 | 5378 | 0.0 | 17.9 | -16.6 | 72.8 | 77.8 | 50.0 | 27.2 | -37.1 | -40.6 | 43.2 |
| 21:24:29 | 32 26.7 | -94 21.3 | 393.0 | 408.0 | 10348* | 5374 | 27.9 | -7.9 | -2.2 | 73.2 | 77.3 | 0.0 | 209.8 | 215.7 | 64.8 | 200.9 |
| 21:25:00 | 32 27.6 | -94 21.9 | -70.6 | -116.5 | 136.2 | 4289 | 213.4 | 2.1 | -1.1 | 531.2 | 74.0 | 10.4 | -8.8 | -16.9 | -18.9 | 0.3 |
| 21:25:00 | 32 31.3 | -94 19.7 | -70.8 | -116.6 | 136.4 | 4935* | 213.5 | 1.9 | -1.2 | 250.6 | 74.0 | 10.9 | -9.4 | -38.5 | -42.1 | 0.0 |
| 21:25:00 | 32 24.8 | -94 22.7 | -71.1 | -116.9 | 136.9 | 5377 | 0.0 | 19.5 | -16.1 | 73.7 | 78.9 | 50.0 | 26.9 | -38.0 | -41.6 | 44.6 |
| 21:24:59 | 32 24.8 | -94 22.7 | 392.4 | 407.4 | 10348* | 5369 | 32.0 | -9.1 | -2.4 | 74.2 | 78.4 | 0.0 | 211.3 | 216.6 | 66.1 | 202.1 |
| 21:25:30 | 32 25.7 | -94 23.2 | -67.8 | -118.0 | 136.1 | 4332 | 212.0 | 2.0 | -1.7 | 531.2 | 73.0 | 10.2 | -8.8 | -16.9 | -18.9 | 0.3 |
| 21:25:30 | 32 29.4 | -94 21.1 | -68.0 | -118.1 | 136.3 | 5147 | 211.8 | 1.8 | -1.8 | 250.6 | 73.0 | 10.7 | -9.3 | -38.9 | -42.5 | 0.0 |
| 21:25:30 | 32 22.9 | -94 24.0 | -68.4 | -118.4 | 136.7 | 5377 | 0.0 | 18.5 | -16.3 | 72.7 | 77.8 | 50.0 | 27.2 | -36.0 | -39.5 | 44.4 |
| 21:25:29 | 32 22.9 | -94 24.0 | 392.5 | 407.5 | 10348* | 5371 | 28.7 | -9.0 | -2.4 | 73.2 | 77.3 | 0.0 | 209.9 | 215.3 | 64.9 | 200.8 |
| 21:26:00 | 32 23.8 | -94 24.5 | -66.5 | -118.8 | 136.2 | 4344 | 210.9 | 1.7 | -0.8 | 531.1 | 72.8 | 10.2 | -8.8 | -16.9 | -18.9 | 0.3 |
| 21:26:00 | 32 27.5 | -94 22.4 | -66.7 | -119.0 | 136.4 | 5124 | 210.7 | 1.5 | -1.0 | 250.6 | 72.8 | 10.6 | -9.3 | -38.7 | -42.3 | 0.0 |
| 21:26:00 | 32 20.9 | -94 25.3 | -67.1 | -119.3 | 136.8 | 5373 | 0.0 | 19.1 | -16.0 | 72.6 | 77.7 | 50.0 | 27.3 | -38.2 | -41.8 | 44.4 |
| 21:25:59 | 32 20.9 | -94 25.3 | 392.5 | 407.5 | 10348* | 5373 | 29.4 | -8.3 | -2.2 | 73.0 | 77.2 | 0.0 | 209.6 | 213.3 | 64.5 | 200.6 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 21:26:30 | 32 21.9 | -94 25.7 | -66.7 | -118.6 | 136.0 | 4307 | 211.0 | 2.1 | -0.8 | 531.3 | 72.9 | 10.7 | -8.3 | -16.9 | -18.9 | 0.3 |
| 21:26:30 | 32 25.5 | -94 23.6 | -66.8 | -118.7 | 136.2 | 5067 | 210.7 | 1.9 | -1.0 | 250.6 | 72.9 | 11.2 | -8.8 | -39.5 | -43.2 | 0.0 |
| 21:26:30 | 32 19.0 | -94 26.6 | -67.3 | -119.0 | 136.7 | 5372 | 0.0 | 17.7 | -16.6 | 72.8 | 77.8 | 50.0 | 27.2 | -38.5 | -42.1 | 42.7 |
| 21:26:29 | 32 19.0 | -94 26.6 | 393.2 | 408.2 | 10348* | 5370 | 30.3 | -7.6 | -2.0 | 73.1 | 77.3 | 0.0 | 209.8 | 213.6 | 65.0 | 201.0 |
| 21:27:00 | 32 20.0 | -94 27.0 | -66.1 | -117.5 | 134.8 | 4334 | 211.2 | 1.9 | -1.1 | 531.1 | 71.9 | 10.4 | -8.4 | -16.9 | -18.9 | 0.3 |
| 21:27:00 | 32 23.6 | -94 24.9 | -66.2 | -117.6 | 135.0 | 5073* | 211.3 | 1.7 | -1.3 | 250.6 | 71.9 | 10.9 | -8.9 | -40.1 | -43.7 | 0.0 |
| 21:27:00 | 32 17.1 | -94 27.8 | -66.6 | -117.9 | 135.4 | 5377 | 0.0 | 18.8 | -15.9 | 71.8 | 76.7 | 50.0 | 27.5 | -38.2 | -41.8 | 43.1 |
| 21:26:59 | 32 17.1 | -94 27.8 | 393.0 | 408.1 | 10348* | 5374 | 27.0 | -8.4 | -2.2 | 72.1 | 76.2 | 0.0 | 208.4 | 213.7 | 64.9 | 199.6 |
| 21:27:30 | 32 18.1 | -94 28.3 | -66.7 | -117.5 | 135.1 | 4317* | 211.1 | 2.1 | -1.0 | 531.4 | 72.7 | 11.1 | -7.9 | -16.9 | -18.9 | 0.3 |
| 21:27:30 | 32 21.7 | -94 26.2 | -66.8 | -117.6 | 135.3 | 4890 | 210.9 | 1.9 | -1.2 | 250.6 | 72.7 | 11.6 | -8.4 | -40.5 | -44.1 | 0.0 |
| 21:27:30 | 32 15.2 | -94 29.1 | -67.2 | -117.9 | 135.7 | 5373 | 0.0 | 19.8 | -15.6 | 72.5 | 77.5 | 50.0 | 27.3 | -37.0 | -40.5 | 41.3 |
| 21:27:29 | 32 15.2 | -94 29.1 | 393.9 | 408.9 | 10348* | 5370 | 29.4 | -8.8 | -2.4 | 72.9 | 77.0 | 0.0 | 209.4 | 212.8 | 65.8 | 200.8 |
| 21:28:00 | 32 16.1 | -94 29.5 | -66.0 | -117.0 | 134.4 | 4303 | 210.7 | 2.3 | -1.0 | 531.4 | 70.4 | 10.7 | -7.8 | -16.9 | -18.9 | 0.3 |
| 21:28:00 | 32 19.8 | -94 27.4 | -66.1 | -117.1 | 134.5 | 5028* | 210.4 | 2.1 | -1.1 | 250.6 | 70.4 | 11.1 | -8.3 | -40.8 | -44.5 | 0.0 |
| 21:28:00 | 32 13.3 | -94 30.4 | -66.5 | -117.4 | 134.9 | 5371 | 0.0 | 19.5 | -15.1 | 70.3 | 75.2 | 50.0 | 27.9 | -38.7 | -42.2 | 41.1 |
| 21:27:59 | 32 13.3 | -94 30.4 | 393.9 | 409.0 | 10348* | 5371 | 28.4 | -8.7 | -2.3 | 70.6 | 74.6 | 0.0 | 206.2 | 211.8 | 63.6 | 197.9 |
| 21:28:30 | 32 14.3 | -94 30.8 | -64.5 | -116.7 | 133.4 | 4305 | 211.1 | 1.1 | -1.3 | 530.8 | 71.8 | 10.4 | -8.3 | -16.9 | -18.9 | 0.3 |
| 21:28:30 | 32 17.9 | -94 28.7 | -64.5 | -116.9 | 133.5 | 5082* | 210.7 | 0.9 | -1.4 | 250.6 | 71.8 | 10.9 | -8.8 | -41.1 | -44.9 | 0.0 |
| 21:28:30 | 32 11.4 | -94 31.6 | -64.9 | -117.0 | 133.8 | 5381 | 0.0 | 18.5 | -15.9 | 71.5 | 76.5 | 50.0 | 27.5 | -38.8 | -42.4 | 42.9 |
| 21:28:29 | 32 11.4 | -94 31.6 | 393.1 | 408.2 | 10348* | 5380 | 30.3 | -10.1 | -2.9 | 72.0 | 76.0 | 0.0 | 208.2 | 213.7 | 66.2 | 199.5 |
| 21:29:00 | 32 12.4 | -94 32.0 | -64.8 | -117.5 | 134.1 | 4302 | 210.5 | 1.8 | -0.5 | 531.2 | 71.1 | 10.8 | -7.9 | -16.9 | -18.9 | 0.3 |
| 21:29:00 | 32 16.0 | -94 29.9 | -64.8 | -117.6 | 134.2 | 5038* | 210.5 | 1.7 | -0.7 | 250.6 | 71.1 | 11.2 | -8.3 | -41.3 | -45.1 | 0.0 |
| 21:29:00 | 32 9.5 | -94 32.9 | -65.2 | -117.8 | 134.6 | 5372 | 0.0 | 19.6 | -15.3 | 71.0 | 76.0 | 50.0 | 27.7 | -39.1 | -42.8 | 41.3 |
| 21:28:59 | 32 9.5 | -94 32.9 | 393.8 | 408.9 | 10348* | 5372 | 29.0 | -7.9 | -2.1 | 71.3 | 75.5 | 0.0 | 207.2 | 212.6 | 64.8 | 198.8 |
| 21:29:30 | 32 10.4 | -94 33.3 | -65.1 | -117.4 | 134.3 | 4298 | 210.8 | 1.9 | -0.9 | 531.4 | 72.0 | 10.4 | -8.4 | -16.9 | -18.9 | 0.2 |
| 21:29:30 | 32 14.1 | -94 31.2 | -65.1 | -117.5 | 134.3 | 4906 | 210.6 | 1.8 | -1.1 | 250.6 | 72.0 | 10.9 | -8.9 | -41.5 | -45.2 | 0.0 |
| 21:29:30 | 32 7.6 | -94 34.1 | -65.5 | -117.7 | 134.7 | 5371 | 0.0 | 19.1 | -15.7 | 71.8 | 76.8 | 50.0 | 27.5 | -39.4 | -43.0 | 43.0 |
| 21:29:29 | 32 7.6 | -94 34.1 | 393.1 | 408.1 | 10348* | 5371 | 29.5 | -8.3 | -2.2 | 72.1 | 76.3 | 0.0 | 208.4 | 213.2 | 65.5 | 199.7 |
| 21:30:00 | 32 8.5 | -94 34.5 | -65.0 | -117.7 | 134.4 | 4285 | 210.6 | 1.7 | -0.7 | 531.2 | 71.9 | 10.6 | -8.2 | -16.9 | -18.9 | 0.2 |
| 21:30:00 | 32 12.2 | -94 32.4 | -65.0 | -117.8 | 134.5 | 4977* | 210.3 | 1.5 | -0.9 | 250.6 | 71.9 | 11.0 | -8.7 | -41.6 | -45.3 | 0.0 |
| 21:30:00 | 32 5.7 | -94 35.4 | -65.4 | -117.9 | 134.9 | 5384 | 0.0 | 19.0 | -15.8 | 71.8 | 76.7 | 50.0 | 27.5 | -39.7 | -43.4 | 42.5 |
| 21:29:59 | 32 5.7 | -94 35.4 | 393.3 | 408.3 | 10348* | 5372 | 29.9 | -8.5 | -2.3 | 72.1 | 76.3 | 0.0 | 208.4 | 212.8 | 65.3 | 199.7 |
| 21:30:30 | 32 6.6 | -94 35.7 | -66.2 | -118.4 | 135.6 | 4361* | 210.6 | 1.5 | -0.7 | 531.1 | 73.4 | 11.3 | -7.9 | -16.9 | -18.9 | 0.3 |
| 21:30:30 | 32 10.3 | -94 33.6 | -66.1 | -118.5 | 135.7 | 5087 | 210.3 | 1.3 | -0.9 | 250.6 | 73.4 | 11.8 | -8.4 | -41.6 | -45.3 | 0.0 |
| 21:30:30 | 32 3.7 | -94 36.6 | -66.6 | -118.7 | 136.1 | 5385 | 0.0 | 17.6 | -16.9 | 73.2 | 78.2 | 50.0 | 27.1 | -35.9* | -39.4* | 41.3 |
| 21:30:29 | 32 3.7 | -94 36.6 | 393.8 | 408.9 | 10348* | 5374 | 28.3 | -7.8 | -2.1 | 73.6 | 77.9 | 0.0 | 210.5 | 212.5 | 66.2 | 201.8 |
| 21:31:00 | 32 4.7 | -94 37.0 | -64.7 | -116.6 | 133.3 | 4308 | 210.8 | 2.3 | -1.0 | 531.4 | 71.4 | 10.6 | -8.1 | -16.9 | -18.9 | 0.3 |
| 21:31:00 | 32 8.4 | -94 34.9 | -64.6 | -116.7 | 133.4 | 4704* | 210.8 | 2.2 | -1.2 | 250.6 | 71.4 | 11.0 | -8.6 | -41.6 | -45.4 | 0.0 |
| 21:31:00 | 32 1.8 | -94 37.9 | -65.2 | -116.8 | 133.8 | 5385 | 0.0 | 19.8 | -15.2 | 71.3 | 76.3 | 50.0 | 27.6 | -39.8 | -43.4 | 42.1 |
| 21:30:59 | 32 1.8 | -94 37.9 | 393.5 | 408.5 | 10348* | 5371 | 31.2 | -7.6 | -2.0 | 71.6 | 75.8 | 0.0 | 207.6 | 213.2 | 65.9 | 199.1 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 21:31:30 | 32 2.8 | -94 38.2 | -64.3 | -116.4 | 133.0 | 4238 | 210.8 | 2.4 | -1.2 | 531.7 | 70.4 | 10.3 | -8.2 | -16.9 | -18.9 | 0.3 |
| 21:31:30 | 32 6.5 | -94 36.1 | -64.2 | -116.4 | 133.0 | 5042 | 210.7 | 2.2 | -1.4 | 250.6 | 70.4 | 10.7 | -8.7 | -41.7 | -45.5 | 0.0 |
| 21:31:30 | 31 59.9 | -94 39.1 | -64.7 | -116.6 | 133.4 | 5382 | 0.0 | 20.1 | -14.8 | 70.2 | 75.3 | 50.0 | 27.9 | -39.7 | -43.4 | 42.4 |
| 21:31:29 | 31 59.9 | -94 39.1 | 393.3 | 408.4 | 10348* | 5368 | 28.1 | -9.7 | -2.7 | 70.6 | 74.7 | 0.0 | 206.2 | 213.1 | 64.9 | 197.8 |
| 21:32:00 | 32 1.0 | -94 39.4 | -63.5 | -115.7 | 132.0 | 4275 | 210.7 | 1.8 | -0.9 | 531.2 | 70.3 | 10.0 | -8.4 | -16.9 | -18.9 | 0.3 |
| 21:32:00 | 32 4.6 | -94 37.3 | -63.4 | -115.8 | 132.0 | 5007 | 210.4 | 1.7 | -1.1 | 250.6 | 70.3 | 10.4 | -8.9 | -41.7 | -45.5 | 0.0 |
| 21:32:00 | 31 58.1 | -94 40.3 | -63.9 | -115.9 | 132.4 | 5387 | 0.0 | 18.9 | -15.3 | 70.1 | 75.1 | 50.0 | 27.9 | -39.5 | -43.1 | 43.1 |
| 21:31:59 | 31 58.0 | -94 40.3 | 393.0 | 408.1 | 10348* | 5375 | 30.0 | -8.9 | -2.5 | 70.5 | 74.6 | 0.0 | 206.0 | 213.1 | 65.6 | 197.5 |
| 21:32:30 | 31 59.1 | -94 40.7 | -75.9 | -108.6 | 132.5 | 4243 | 216.3* | 2.1 | 2.3* | 531.4 | 70.8 | 9.8 | -8.7 | -16.9 | -18.9 | 0.3 |
| 21:32:30 | 32 2.8 | -94 38.6 | -75.7 | -108.7 | 132.5 | 4976* | 216.0* | 1.9 | 2.1* | 250.6 | 70.8 | 10.2 | -9.2 | -41.7 | -45.5 | 0.0 |
| 21:32:30 | 31 56.2 | -94 41.6 | -76.0 | -108.9 | 132.8 | 5370 | 0.0 | 20.6 | -14.7 | 70.9 | 75.8 | 50.0 | 27.8 | -38.7 | -42.3 | 44.2 |
| 21:32:29 | 31 56.2 | -94 41.6 | 392.6 | 407.6 | 10348* | 5370 | 29.3 | -5.6 | -1.3 | 71.1 | 75.3 | 0.0 | 206.8 | 218.2 | 65.7 | 198.1 |
| 21:33:00 | 31 57.4 | -94 42.2 | -81.6 | -106.6 | 134.3 | 4293 | 219.1 | 1.6 | -0.5 | 531.4 | 72.1 | 9.7 | -9.1 | -16.9 | -18.9 | 0.3 |
| 21:33:00 | 32 1.0 | -94 40.1 | -81.4 | -106.7 | 134.2 | 4956 | 219.2 | 1.4 | -0.7 | 250.6 | 72.1 | 10.2 | -9.5 | -41.7 | -45.5 | 0.0 |
| 21:33:00 | 31 54.5 | -94 43.1 | -81.9 | -106.8 | 134.6 | 5375 | 0.0 | 18.9 | -15.9 | 72.0 | 77.0 | 50.0 | 27.4 | -38.8 | -42.4 | 45.3 |
| 21:32:59 | 31 54.5 | -94 43.2 | 392.1 | 407.1 | 10348* | 5373 | 29.1 | -9.1 | -2.5 | 72.3 | 76.6 | 0.0 | 208.7 | 221.0 | 65.4 | 199.7 |
| 21:33:30 | 31 55.6 | -94 43.8 | -79.1 | -111.0 | 136.3 | 4337* | 216.5* | 1.6 | -7.0 | 531.3 | 71.0 | 10.1 | -8.5 | -16.9 | -18.9 | 0.3 |
| 21:33:30 | 31 59.3 | -94 41.7 | -78.9 | -111.1 | 136.2 | 5078* | 216.3* | 1.4 | -7.1 | 250.6 | 71.0 | 10.6 | -9.0 | -38.3 | -41.9 | 0.0 |
| 21:33:30 | 31 52.7 | -94 44.7 | -80.0 | -110.7 | 136.5 | 5375 | 0.0 | 20.4 | -14.8 | 70.9 | 75.8 | 50.0 | 27.7 | -26.8 | -29.6 | 43.4 |
| 21:33:29 | 31 52.7 | -94 44.7 | 392.9 | 407.9 | 10348* | 5375 | 6.9 | -7.6 | -2.1 | 71.2 | 75.5 | 0.0 | 207.1 | 218.6 | 62.2 | 198.5 |
| 21:34:00 | 31 53.7 | -94 45.1 | -63.0 | -122.5 | 137.8 | 4324 | 208.7 | 1.3 | -2.9 | 531.0 | 76.6 | 10.8 | -9.0 | -16.9 | -18.9 | 0.3 |
| 21:34:00 | 31 57.4 | -94 43.0 | -62.8 | -122.6 | 137.7 | 4958 | 208.4 | 1.1 | -3.1 | 250.6 | 76.6 | 11.3 | -9.6 | -21.0 | -23.4 | 0.0 |
| 21:34:00 | 31 50.8 | -94 46.1 | -63.5 | -122.5 | 138.0 | 5377 | 0.0 | 16.4 | -18.4 | 76.2 | 81.4 | 50.0 | 26.3 | -37.7 | -41.3 | 45.1 |
| 21:33:59 | 31 50.8 | -94 46.1 | 392.2 | 407.2 | 10348* | 5377 | 24.9 | -9.4 | -2.6 | 76.8 | 81.2 | 0.0 | 214.9 | 210.5 | 67.5 | 205.2 |
| 21:34:30 | 31 51.7 | -94 46.3 | -61.5 | -125.4 | 139.6 | 4290 | 205.0 | 2.0 | -2.6* | 531.7 | 73.1 | 9.8 | -9.2 | -16.9 | -18.9 | 0.2 |
| 21:34:30 | 31 55.4 | -94 44.2 | -61.2 | -125.5 | 139.6 | 4899* | 204.7 | 1.8 | -2.8* | 250.6 | 73.1 | 10.2 | -9.7 | -13.4 | -15.0 | 0.0 |
| 21:34:30 | 31 48.8 | -94 47.2 | -61.8 | -125.5 | 139.9 | 5372 | 0.0 | 18.4 | -16.5 | 72.8 | 78.0 | 50.0 | 27.2 | -4.4 | -5.0 | 45.9 |
| 21:34:29 | 31 48.8 | -94 47.2 | 391.8 | 406.8 | 10348* | 5368 | 7.6 | -9.6 | -2.7 | 73.2 | 77.9 | 0.0 | 210.0 | 201.1 | 61.3 | 200.8 |
| 21:35:00 | 31 49.6 | -94 47.2 | -31.7 | -137.2 | 140.8 | 4206 | 195.4 | 1.2 | -0.7 | 531.2 | 76.4 | 10.5 | -9.2 | -16.9 | -18.9 | 0.3 |
| 21:35:00 | 31 53.2 | -94 45.0 | -31.3 | -137.3 | 140.8 | 4976 | 195.4 | 1.1 | -0.9 | 250.6 | 76.4 | 11.0 | -9.8 | -12.3 | -13.8 | 0.0 |
| 21:35:00 | 31 46.7 | -94 48.1 | -31.9 | -137.4 | 141.1 | 5377 | 0.0 | 15.3 | -18.7 | 75.9 | 81.2 | 50.0 | 26.3 | -37.8 | -41.4 | 46.0 |
| 21:34:59 | 31 46.7 | -94 48.1 | 391.8 | 406.8 | 10348* | 5377 | 22.5 | -10.4 | -3.0 | 76.5 | 81.0 | 0.0 | 214.6 | 198.8 | 64.3 | 204.9 |
| 21:35:30 | 31 47.4 | -94 47.8 | -33.2 | -136.9 | 140.9 | 4227 | 195.6 | 1.9 | -1.0 | 531.4 | 76.9 | 11.2 | -8.7 | -16.9 | -18.9 | 0.3 |
| 21:35:30 | 31 51.0 | -94 45.7 | -32.8 | -136.9 | 140.8 | 4971 | 195.5 | 1.7 | -1.2 | 250.6 | 76.9 | 11.7 | -9.3 | -28.3 | -31.2 | 0.0 |
| 21:35:30 | 31 44.4 | -94 48.7 | -33.6 | -137.1 | 141.1 | 5372 | 0.0 | 16.6 | -18.4 | 76.8 | 81.8 | 50.0 | 26.2 | -38.4 | -42.0 | 43.9 |
| 21:35:29 | 31 44.4 | -94 48.7 | 392.7 | 407.7 | 10348* | 5371 | 22.8 | -4.8 | -1.1 | 77.1 | 81.8 | 0.0 | 215.3 | 199.9 | 65.2 | 205.7 |
| 21:36:00 | 31 45.1 | -94 48.4 | -33.2 | -137.3 | 141.3 | 4296 | 195.4 | 1.0 | -0.9 | 531.1 | 76.4 | 10.7 | -9.1 | -16.9 | -18.9 | 0.3 |
| 21:36:00 | 31 48.8 | -94 46.3 | -32.8 | -137.4 | 141.2 | 4967* | 195.1 | 0.8 | -1.1 | 250.6 | 76.4 | 11.2 | -9.7 | -35.8 | -39.3 | 0.0 |
| 21:36:00 | 31 42.2 | -94 49.4 | -33.5 | -137.5 | 141.5 | 5378 | 0.0 | 15.6 | -18.6 | 76.0 | 81.2 | 50.0 | 26.3 | -38.3 | -41.9 | 45.4 |
| 21:35:59 | 31 42.2 | -94 49.4 | 392.0 | 407.0 | 10348* | 5378 | 24.3 | -8.7 | -2.4 | 76.6 | 81.1 | 0.0 | 214.6 | 198.1 | 63.8 | 205.0 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 21:36:30 | 31 42.9 | -94 49.1 | -33.6 | -137.9 | 141.9 | 4297* | 195.7 | 1.4 | -1.0 | 531.3 | 78.7 | 10.8 | -9.4 | -16.9 | -18.9 | 0.3 |
| 21:36:30 | 31 46.5 | -94 46.9 | -33.2 | -137.9 | 141.8 | 5003* | 195.4 | 1.2 | -1.2 | 250.6 | 78.8 | 11.3 | -10.1 | -39.2 | -42.8 | 0.0 |
| 21:36:30 | 31 40.0 | -94 50.0 | -33.8 | -138.1 | 142.2 | 5374 | 0.0 | 15.0 | -19.7 | 78.2 | 83.6 | 50.0 | 25.7 | -36.8 | -40.3 | 46.7 |
| 21:36:29 | 31 40.0 | -94 50.0 | 391.5 | 406.5 | 10348* | 5373 | 24.8 | -10.0 | -2.8 | 78.9 | 83.5 | 0.0 | 217.8 | 198.4 | 65.9 | 207.7 |
| 21:37:00 | 31 40.7 | -94 49.7 | -37.6 | -137.4 | 142.4 | 4315 | 196.9 | 1.1 | 1.4 | 531.1 | 78.5 | 10.7 | -9.5 | -16.9 | -18.9 | 0.3 |
| 21:37:00 | 31 44.3 | -94 47.6 | -37.2 | -137.4 | 142.3 | 5122 | 197.0 | 0.9 | 1.2 | 250.6 | 78.5 | 11.1 | -10.1 | -40.6 | -44.3 |

A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 21:41:30 | 31 21.6 | -94 59.2 | -60.5 | -127.8 | 141.4 | 4336 | 207.7 | 1.1 | -1.4 | 531.4 | 75.9 | 10.4 | -9.2 | -16.9 | -18.9 | 0.3 |
| 21:41:30 | 31 25.2 | -94 56.9 | -59.8 | -127.8 | 141.1 | 5090 | 207.5 | 1.0 | -1.6 | 250.6 | 75.9 | 10.9 | -9.8 | -33.7 | -37.0 | 0.0 |
| 21:41:30 | 31 18.6 | -95 0.2 | -60.6 | -127.8 | 141.5 | 5384 | 0.0 | 15.4 | -18.5 | 75.4 | 80.6 | 50.0 | 26.5 | -29.3 | -32.3 | 45.9 |
| 21:41:29 | 31 18.6 | -95 0.2 | 391.8 | 406.8 | 10348* | 5376 | 17.7 | -10.2 | -2.9 | 76.0 | 80.5 | 0.0 | 213.8 | 211.3 | 63.1 | 204.2 |
| 21:42:00 | 31 19.5 | -95 0.3 | -60.6 | -128.7 | 142.2 | 4327 | 207.5 | 1.5 | -1.3 | 531.5 | 76.6 | 10.7 | -9.1 | -16.9 | -18.9 | 0.3 |
| 21:42:00 | 31 23.1 | -94 58.1 | -59.8 | -128.6 | 141.9 | 5055 | 207.3 | 1.4 | -1.5 | 250.6 | 76.6 | 11.2 | -9.7 | -34.1 | -37.4 | 0.0 |
| 21:42:00 | 31 16.6 | -95 1.3 | -60.8 | -128.7 | 142.3 | 5383 | 0.0 | 16.2 | -18.4 | 76.2 | 81.5 | 50.0 | 26.3 | -28.6 | -31.6 | 45.5 |
| 21:41:59 | 31 16.5 | -95 1.3 | 392.0 | 407.0 | 10348* | 5372 | 17.1 | -9.5 | -2.7 | 76.8 | 81.3 | 0.0 | 214.9 | 211.3 | 63.2 | 205.2 |
| 21:42:30 | 31 17.4 | -95 1.5 | -61.2 | -129.1 | 142.9 | 4331 | 207.5 | 1.1 | -1.2 | 531.3 | 78.5 | 11.1 | -9.1 | -16.9 | -18.9 | 0.3 |
| 21:42:30 | 31 21.0 | -94 59.2 | -60.5 | -129.1 | 142.5 | 5020* | 207.2 | 1.0 | -1.4 | 250.6 | 78.5 | 11.6 | -9.8 | -33.2 | -36.5 | 0.0 |
| 21:42:30 | 31 14.5 | -95 2.5 | -61.4 | -129.1 | 143.0 | 5384 | 0.1 | 13.4 | -20.3 | 78.1 | 83.3 | 50.0 | 25.8 | -29.9 | -32.9 | 45.6 |
| 21:42:29 | 31 14.5 | -95 2.5 | 392.0 | 407.0 | 10348* | 5376 | 20.9 | -9.5 | -2.6 | 78.6 | 83.3 | 0.0 | 217.5 | 210.9 | 64.8 | 207.5 |
| 21:43:00 | 31 15.3 | -95 2.6 | -60.3 | -129.4 | 142.7 | 4310 | 207.5 | 1.2 | -1.1 | 531.3 | 77.7 | 10.9 | -9.1 | -16.9 | -18.9 | 0.3 |
| 21:43:00 | 31 18.9 | -95 0.3 | -59.5 | -129.3 | 142.4 | 4946* | 207.5 | 1.1 | -1.3 | 250.6 | 77.7 | 11.4 | -9.7 | -32.1 | -35.3 | 0.0 |
| 21:43:00 | 31 12.4 | -95 3.6 | -60.5 | -129.4 | 142.8 | 5382 | 0.0 | 15.0 | -19.3 | 77.3 | 82.6 | 50.0 | 26.0 | -29.0 | -32.0 | 45.4 |
| 21:42:59 | 31 12.4 | -95 3.6 | 392.0 | 407.0 | 10348* | 5373 | 31.6 | -8.6 | -2.3 | 77.9 | 82.5 | 0.0 | 216.4 | 211.8 | 64.1 | 206.6 |
| 21:43:30 | 31 13.2 | -95 3.8 | -60.4 | -130.2 | 143.6 | 4316 | 207.2 | 1.4 | -0.9 | 531.4 | 78.3 | 11.2 | -9.0 | -16.9 | -18.9 | 0.3 |
| 21:43:30 | 31 16.8 | -95 1.5 | -59.6 | -130.2 | 143.2 | 5055* | 207.1 | 1.2 | -1.0 | 250.6 | 78.3 | 11.7 | -9.6 | -32.0 | -35.2 | 0.0 |
| 21:43:30 | 31 10.3 | -95 4.8 | -60.6 | -130.3 | 143.7 | 5378 | 0.0 | 15.0 | -19.6 | 77.8 | 83.1 | 50.0 | 25.8 | -31.0 | -34.2 | 45.0 |
| 21:43:29 | 31 10.3 | -95 4.8 | 392.2 | 407.2 | 10348* | 5370 | 28.2 | -9.4 | -2.5 | 78.4 | 83.2 | 0.0 | 217.2 | 211.0 | 64.0 | 207.3 |
| 21:44:00 | 31 11.1 | -95 4.9 | -60.6 | -129.6 | 143.1 | 4321 | 207.4 | 1.7 | -1.1 | 531.6 | 76.4 | 10.8 | -9.0 | -16.9 | -18.9 | 0.3 |
| 21:44:00 | 31 14.7 | -95 2.6 | -59.8 | -129.6 | 142.7 | 4935 | 207.1 | 1.6 | -1.3 | 250.5 | 76.5 | 11.2 | -9.6 | -34.2 | -37.5 | 0.0 |
| 21:44:00 | 31 8.2 | -95 5.9 | -60.8 | -129.7 | 143.2 | 5378 | 0.0 | 15.7 | -18.6 | 76.0 | 81.3 | 50.0 | 26.3 | -28.9 | -31.9 | 45.2 |
| 21:43:59 | 31 8.2 | -95 5.9 | 392.2 | 407.2 | 10349* | 5369 | 30.1 | -10.1 | -2.8 | 76.6 | 81.2 | 0.0 | 214.7 | 211.0 | 62.2 | 205.1 |
| 21:44:30 | 31 9.0 | -95 6.0 | -60.2 | -130.4 | 143.7 | 4328 | 207.1 | 0.9 | -0.8 | 531.2 | 78.6 | 11.3 | -8.9 | -16.9 | -18.9 | 0.3 |
| 21:44:30 | 31 12.6 | -95 3.7 | -59.4 | -130.4 | 143.3 | 4939 | 206.8 | 0.7 | -1.0 | 250.6 | 78.6 | 11.8 | -9.6 | -30.3 | -33.4 | 0.0 |
| 21:44:30 | 31 6.1 | -95 7.0 | -60.4 | -130.5 | 143.8 | 5384 | 0.0 | 13.5 | -20.4 | 78.3 | 83.4 | 50.0 | 25.7 | -31.2 | -34.4 | 44.9 |
| 21:44:29 | 31 6.0 | -95 7.0 | 392.3 | 407.3 | 10348* | 5376 | 27.4 | -8.0 | -2.1 | 78.7 | 83.5 | 0.0 | 217.6 | 211.2 | 64.2 | 207.7 |
| 21:45:00 | 31 6.9 | -95 7.2 | -63.7 | -128.4 | 143.3 | 4323 | 208.7 | 1.2 | -0.4 | 531.3 | 78.6 | 11.3 | -8.9 | -16.9 | -18.9 | 0.3 |
| 21:45:00 | 31 10.5 | -95 4.9 | -62.8 | -128.3 | 142.9 | 4935* | 208.8 | 1.1 | -0.6 | 250.6 | 78.6 | 11.8 | -9.6 | -32.7 | -36.0 | 0.0 |
| 21:45:00 | 31 3.9 | -95 8.2 | -63.8 | -128.4 | 143.4 | 5382 | 0.0 | 14.5 | -19.8 | 78.1 | 83.4 | 50.0 | 25.8 | -27.5 | -30.4 | 44.9 |
| 21:44:59 | 31 3.9 | -95 8.2 | 392.3 | 407.3 | 10348* | 5373 | 26.6 | -8.9 | -2.4 | 78.7 | 83.5 | 0.0 | 217.5 | 212.6 | 64.6 | 207.6 |
| 21:45:30 | 31 4.8 | -95 8.4 | -65.4 | -127.5 | 143.3 | 4327 | 209.1 | 1.3 | -0.7 | 531.3 | 78.9 | 11.1 | -9.2 | -16.9 | -18.9 | 0.3 |
| 21:45:30 | 31 8.4 | -95 6.1 | -64.5 | -127.4 | 142.8 | 5067* | 209.0 | 1.2 | -0.8 | 250.6 | 78.9 | 11.6 | -9.8 | -30.4 | -33.5 | 0.0 |
| 21:45:30 | 31 1.9 | -95 9.4 | -65.6 | -127.5 | 143.4 | 5379 | 0.0 | 13.9 | -20.3 | 78.6 | 83.7 | 50.0 | 25.7 | -30.4 | -33.5 | 45.8 |
| 21:45:29 | 31 1.9 | -95 9.4 | 391.9 | 406.9 | 10348* | 5373 | 27.6 | -7.0 | -1.8 | 79.0 | 83.8 | 0.0 | 218.0 | 212.7 | 64.8 | 208.0 |
| 21:46:00 | 31 2.7 | -95 9.7 | -65.8 | -127.3 | 143.3 | 4340 | 209.3 | 1.3 | -0.9 | 531.4 | 77.7 | 11.2 | -8.9 | -16.9 | -18.9 | 0.3 |
| 21:46:00 | 31 6.4 | -95 7.3 | -64.9 | -127.3 | 142.9 | 4954* | 209.1 | 1.1 | -1.1 | 250.6 | 77.7 | 11.6 | -9.5 | -33.5 | -36.8 | 0.0 |
| 21:46:00 | 30 59.8 | -95 10.7 | -66.0 | -127.4 | 143.4 | 5378 | 0.0 | 14.1 | -19.8 | 77.4 | 82.5 | 50.0 | 26.0 | -28.3 | -31.3 | 44.7 |
| 21:45:59 | 30 59.8 | -95 10.7 | 392.4 | 407.4 | 10348* | 5373 | 25.3 | -7.8 | -2.1 | 77.8 | 82.6 | 0.0 | 216.3 | 212.9 | 63.4 | 206.6 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 21:46:30 | 31 0.7* | -95 10.9* | -66.0 | -126.4 | 142.5* | 4331* | 209.3 | 1.5* | -0.8* | 531.6* | 77.9 | 10.9* | -9.1* | -16.9* | -18.9* | 0.3 |
| 21:46:30 | 31 4.3* | -95 8.5* | -65.0 | -126.3 | 142.0 | 5037* | 208.9 | 1.4* | -0.9* | 250.6* | 77.9 | 11.4* | -9.7* | -32.4* | -35.6* | 0.0 |
| 21:46:30 | 30 57.8* | -95 11.9* | -66.1 | -126.4 | 142.7 | 5380* | 0.0 | 15.7 | -19.1 | 77.5 | 82.7 | 50.0* | 25.9* | -30.7* | -33.8* | 45.6 |
| 21:46:29 | 30 57.7* | -95 11.9* | 392.0 | 407.0 | 10348* | 5370* | 25.4 | -8.8 | -2.4 | 78.0 | 82.8 | 0.0 | 216.6 | 211.7 | 64.3 | 206.7 |
| 21:47:00 | 30 58.6 | -95 12.1 | -66.0 | -126.0 | 142.2 | 4345 | 209.2 | 1.5 | -0.7 | 531.5 | 77.8 | 10.7 | -9.3 | -16.9 | -18.9 | 0.3 |
| 21:47:00 | 31 2.3 | -95 9.7 | -65.0 | -125.9 | 141.7 | 5033 | 209.3 | 1.3 | -0.9 | 250.6 | 77.8 | 11.2 | -9.9 | -32.3 | -35.6 | 0.0 |
| 21:47:00 | 30 55.7 | -95 13.1 | -66.1 | -126.1 | 142.4 | 5380 | 0.0 | 14.9 | -19.4 | 77.5 | 82.6 | 50.0 | 26.0 | -31.8 | -35.0 | 46.3 |
| 21:46:59 | 30 55.7 | -95 13.2 | 391.7 | 406.7 | 10348* | 5371 | 26.5 | -7.8 | -2.1 | 77.9 | 82.7 | 0.0 | 216.5 | 211.8 | 64.4 | 206.5 |
| 21:47:30 | 0 0.0* | 0 0.0* | 0.0 | 0.0 | 0.0* | 0 | 0.0 | 0.0 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 |
| 21:47:30 | 0 0.0* | 0 0.0* | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 |
| 21:47:30 | 0 0.0* | 0 0.0* | 0.0 | 0.0 | 0.0 | 0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32 |
| 21:47:30 | 0 0.0* | 0 0.0*-32767.0 | -32767.0 | -32767 | | 0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | - |
| 21:48:00 | 30 54.5 | -95 14.6 | -65.7 | -126.3 | 142.4 | 4623* | 209.2 | 1.3 | -0.8 | 531.4 | 77.3 | 11.1 | -8.9 | -16.9 | -18.9 | 0.3 |
| 21:48:00 | 30 58.2 | -95 12.2 | -64.7 | -126.2 | 141.8 | 4950* | 209.0 | 1.1 | -1.0 | 250.6 | 77.3 | 11.5 | -9.5 | -30.4 | -33.5 | 0.0 |
| 21:48:00 | 30 51.6 | -95 15.6 | -65.8 | -126.4 | 142.5 | 5382 | 0.0 | 14.7 | -19.4 | 76.9 | 82.1 | 50.0 | 26.1 | -29.2 | -32.2 | 44.7 |
| 21:47:59 | 30 51.6 | -95 15.6 | 392.3 | 407.4 | 10348* | 5373 | 27.3 | -9.0 | -2.5 | 77.4 | 82.1 | 0.0 | 215.8 | 211.8 | 63.9 | 206.1 |
| 21:48:30 | 0 0.0* | 0 0.0* | 0.0 | 0.0 | 0.0* | 0 | 0.0 | 0.0 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 |
| 21:48:30 | 0 0.0* | 0 0.0* | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 |
| 21:48:30 | 0 0.0* | 0 0.0* | 0.0 | 0.0 | 0.0 | 0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32 |
| 21:48:30 | 0 0.0* | 0 0.0*-32767.0 | -32767.0 | -32767 | | 0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | - |
| 21:49:00 | 0 0.0* | 0 0.0* | 0.0 | 0.0 | 0.0* | 0 | 0.0 | 0.0 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 |
| 21:49:00 | 0 0.0* | 0 0.0* | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 |
| 21:49:00 | 0 0.0* | 0 0.0* | 0.0 | 0.0 | 0.0 | 0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32 |
| 21:49:00 | 0 0.0* | 0 0.0*-32767.0 | -32767.0 | -32767 | | 0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | - |
| 21:49:30 | 30 48.3 | -95 18.4 | -66.8 | -126.9 | 143.4 | 4310 | 209.2 | 1.3 | -0.7 | 531.6 | 76.8 | 10.4 | -9.4 | -16.9 | -18.9 | 0.4 |
| 21:49:31 | 30 52.0 | -95 15.9 | -65.7 | -126.8 | 142.8 | 4925* | 209.0 | 1.1 | -0.9 | 250.6 | 76.8 | 10.9 | -9.9 | -23.4 | -25.9 | 0.0 |
| 21:49:31 | 30 45.4 | -95 19.4 | -66.8 | -127.0 | 143.5 | 5374 | 0.0 | 15.0 | -19.0 | 76.4 | 81.7 | 50.0 | 26.2 | -22.7* | -25.2* | 46.5 |
| 21:49:30 | 30 45.4 | -95 19.4 | 391.6 | 406.6 | 10348* | 5370 | 17.1 | -9.8 | -2.7 | 77.0 | 81.6 | 0.0 | 215.2 | 210.8 | 62.0 | 205.4 |
| 21:50:00 | 0 0.0* | 0 0.0* | 0.0 | 0.0 | 0.0* | 0 | 0.0 | 0.0 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 |
| 21:50:00 | 0 0.0* | 0 0.0* | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 |
| 21:50:00 | 0 0.0* | 0 0.0* | 0.0 | 0.0 | 0.0 | 0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32 |
| 21:50:00 | 0 0.0* | 0 0.0*-32767.0 | -32767.0 | -32767 | | 0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | - |
| 21:50:30 | 0 0.0* | 0 0.0* | 0.0 | 0.0 | 0.0* | 0 | 0.0 | 0.0 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 |
| 21:50:30 | 0 0.0* | 0 0.0* | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 |
| 21:50:30 | 0 0.0* | 0 0.0* | 0.0 | 0.0 | 0.0 | 0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32 |
| 21:50:30 | 0 0.0* | 0 0.0*-32767.0 | -32767.0 | -32767 | | 0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | - |
| 21:51:00 | 0 0.0* | 0 0.0* | 0.0 | 0.0 | 0.0* | 0 | 0.0 | 0.0 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 |
| 21:51:00 | 0 0.0* | 0 0.0* | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 |
| 21:51:00 | 0 0.0* | 0 0.0* | 0.0 | 0.0 | 0.0 | 0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32 |
| 21:51:00 | 0 0.0* | 0 0.0*-32767.0 | -32767.0 | -32767 | | 0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | - |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 21:51:30 | 0 0.0* | 0 0.0* | 0.0 | 0.0 | 0.0* | 0 | 0.0 | 0.0 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 |
| 21:51:30 | 0 0.0* | 0 0.0* | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 |
| 21:51:30 | 0 0.0* | 0 0.0* | 0.0 | 0.0 | 0.0 | 0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32 |
| 21:51:30 | 0 0.0* | 0 0.0*-32767.0 | -32767.0 | -32767 | | 0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | - |
| 21:52:00 | 0 0.0* | 0 0.0* | 0.0 | 0.0 | 0.0* | 0 | 0.0 | 0.0 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 |
| 21:52:00 | 0 0.0* | 0 0.0* | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 |
| 21:52:00 | 0 0.0* | 0 0.0* | 0.0 | 0.0 | 0.0 | 0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32 |
| 21:52:00 | 0 0.0* | 0 0.0*-32767.0 | -32767.0 | -32767 | | 0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | - |
| 21:52:30 | 30 38.3 | -95 28.0 | -106.4 | -72.4 | 128.7 | 3485 | 235.0 | -2.7 | -1.0 | 606.9 | 71.2 | 12.7 | -6.1 | -16.9 | -18.9 | 0.4 |
| 21:52:31 | 30 42.0 | -95 25.4 | -105.3 | -72.3 | 127.7 | 4200 | 234.8 | -2.9 | -1.1 | 250.6 | 71.2 | 13.1 | -6.6 | 1.5 | 1.5 | 0.0 |
| 21:52:31 | 30 35.4 | -95 29.0 | -106.3 | -72.5 | 128.6 | 4324 | 0.0 | 19.5 | -15.4 | 71.2 | 76.0 | 50.0 | 27.7 | 3.1 | 3.1 | 35.9 |
| 21:52:30 | 30 35.4 | -95 29.0 | 396.5 | 411.7 | 10348* | 4314 | 24.6 | -3.5 | -0.7 | 71.5 | 75.5 | 0.0 | 207.3 | 233.7 | 70.0 | 199.5 |
| 21:53:00 | 30 37.1 | -95 30.0 | -96.3 | -88.1 | 130.5 | 3557* | 226.4 | -2.8 | -3.0 | 631.4 | 75.9 | 14.8 | -5.1 | -16.9 | -18.8 | 0.4 |
| 21:53:01 | 30 40.7 | -95 27.3 | -95.1 | -87.9 | 129.5 | 3878 | 226.5 | -3.0 | -3.2 | 250.6 | 75.9 | 15.2 | -5.7 | 1.4 | 1.4 | 0.0 |
| 21:53:01 | 30 34.1 | -95 31.0 | -96.1 | -88.2 | 130.4 | 4000 | 0.0 | 18.7 | -17.3 | 75.7 | 81.0 | 50.0 | 26.4 | 3.2 | 3.2 | 33.3 |
| 21:53:00 | 30 34.1 | -95 31.0 | 398.0 | 413.2 | 10348* | 3991 | 27.8 | -6.6 | -1.7 | 76.2 | 80.4 | 0.0 | 213.9 | 224.2 | 74.7 | 205.9 |
| 21:53:30 | 0 0.0* | 0 0.0* | 0.0 | 0.0 | 0.0* | 0 | 0.0 | 0.0 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 |
| 21:53:30 | 0 0.0* | 0 0.0* | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 |
| 21:53:30 | 0 0.0* | 0 0.0* | 0.0 | 0.0 | 0.0 | 0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32 |
| 21:53:30 | 0 0.0* | 0 0.0*-32767.0 | -32767.0 | -32767 | | 0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | -32767.0 | - |
| 21:54:00 | 30 33.6 | -95 32.7 | -45.6 | -121.0 | 129.3 | 2324 | 200.8 | -2.7 | -4.4* | 678.9 | 80.3 | 19.0 | -2.1 | -16.9 | -18.9 | 0.4 |
| 21:54:01 | 30 37.3 | -95 30.0 | -44.4 | -120.8 | 128.7 | 3313 | 200.5 | -2.9 | -4.5* | 250.5 | 80.3 | 19.4 | -2.9 | 5.1 | 5.1 | 0.0 |
| 21:54:01 | 30 30.7 | -95 33.7 | -45.5 | -121.3 | 129.6 | 3402 | 0.0 | 14.9 | -20.7 | 80.3 | 85.7 | 50.0 | 25.3 | 7.7 | 7.7 | 26.6 |
| 21:54:00 | 30 30.7 | -95 33.7 | 402.4 | 417.9 | 10349* | 3393 | 27.1 | -6.6 | -1.9 | 80.5 | 85.1 | 0.0 | 219.8 | 200.9 | 82.3 | 212.4 |
| 21:54:30 | 30 31.7 | -95 33.7 | -84.8 | -97.7 | 129.4 | 2533* | 219.5 | -2.6 | 4.5* | 702.7 | 78.8 | 19.8 | -1.1 | -16.9 | -18.9 | 0.4 |
| 21:54:31 | 30 35.4 | -95 31.0 | -83.6 | -97.6 | 128.5 | 3013 | 219.2 | -2.8 | 4.2* | 250.6 | 78.8 | 20.2 | -1.8 | 8.1 | 8.1 | 0.0 |
| 21:54:31 | 30 28.8 | -95 34.7 | -84.5 | -98.2 | 129.5 | 3110 | 0.0 | 15.6 | -20.1 | 79.2 | 84.4 | 50.0 | 25.7 | 10.3 | 10.3 | 24.6 |
| 21:54:30 | 30 28.7 | -95 34.7 | 403.9 | 419.5 | 10348* | 3104 | 27.7 | -3.6 | -0.7 | 79.0 | 83.8 | 0.0 | 217.8 | 216.8 | 81.0 | 211.0 |
| 21:55:00 | 30 30.2 | -95 35.4 | -86.7 | -95.5 | 128.9 | 2722 | 221.5 | -2.8 | -1.4 | 728.7 | 84.0 | 21.3 | -0.8 | -16.9 | -18.9 | 0.4 |
| 21:55:01 | 30 33.8 | -95 32.6 | -85.4 | -95.3 | 128.0 | 2708 | 221.6 | -3.0 | -1.5 | 250.5 | 84.0 | 21.6 | -1.8 | 10.7 | 10.7 | 0.0 |
| 21:55:01 | 30 27.2 | -95 36.3 | -86.4 | -95.7 | 129.0 | 2809 | 0.0 | 14.8 | -22.1 | 84.4 | 90.0 | 50.0 | 24.4 | 13.8 | 13.8 | 24.0 |
| 21:55:00 | 30 27.2 | -95 36.4 | 404.4 | 420.0 | 10349* | 2800 | 26.4 | -4.1 | -1.0 | 84.3 | 89.2 | 0.0 | 224.7 | 220.6 | 87.7 | 217.3 |
| 21:55:30 | 30 28.8 | -95 37.1 | -112.5 | -59.6 | 127.3 | 2406 | 239.6 | -4.6 | 0.7* | 754.6 | 83.3 | 22.9 | 0.9 | -16.9 | -18.9 | 0.4 |
| 21:55:31 | 30 32.5 | -95 34.4 | -111.3 | -59.5 | 126.2 | 2399 | 239.4 | -4.7 | 0.4* | 250.6 | 83.4 | 23.2 | -0.1 | 10.4 | 10.4 | 0.0 |
| 21:55:31 | 30 25.8 | -95 38.1 | -112.1 | -59.9 | 127.1 | 2516 | 0.0 | 15.6 | -21.6 | 83.8 | 89.3 | 50.0 | 24.5 | 13.6 | 13.6 | 21.2 |
| 21:55:30 | 30 25.8 | -95 38.1 | 406.8 | 422.5 | 10348* | 2506 | 29.1 | -1.5 | -0.1 | 83.6 | 88.5 | 0.0 | 223.9 | 236.6 | 88.7 | 217.2 |
| 21:56:00 | 30 27.8 | -95 39.3 | -113.6 | -56.9 | 127.0 | 2011 | 241.0 | -4.7 | -1.1 | 790.8 | 86.5 | 25.4 | 2.5 | -16.9 | -18.9 | 0.4 |
| 21:56:01 | 30 31.5 | -95 36.5 | -112.4 | -56.7 | 125.9 | 2028 | 240.7 | -4.9 | -1.3 | 250.6 | 86.5 | 25.6 | 1.4 | 12.5 | 12.5 | 0.0 |
| 21:56:01 | 30 24.9 | -95 40.2 | -113.2 | -57.1 | 126.8 | 2119 | 0.0 | 13.9 | -23.4 | 86.9 | 92.7 | 50.0 | 23.7 | 15.9 | 15.9 | 18.8 |
| 21:56:00 | 30 24.9 | -95 40.2 | 409.3 | 425.1 | 10348* | 2111 | 31.6 | -3.6 | -0.8 | 86.8 | 91.7 | 0.0 | 227.9 | 237.9 | 93.3 | 221.5 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 21:56:30 | 30 26.9 | -95 41.3 | -100.0 | -65.0 | 119.3 | 1711 | 233.6* | -1.7 | -25.9 | 820.3 | 76.8 | 26.7 | 5.7 | -16.9 | -18.9 | 0.4 |
| 21:56:31 | 30 30.6 | -95 38.5 | -98.8 | -64.8 | 118.2 | 1724 | 233.3* | -1.9 | -26.0 | 250.6 | 76.8 | 26.9 | 4.9 | 13.9 | 13.9 | 0.0 |
| 21:56:31 | 30 24.0 | -95 42.3 | -101.8 | -62.4 | 119.4 | 1810 | 0.0 | 27.1 | -14.7 | 77.3 | 83.1 | 50.0 | 26.2 | 18.2 | 18.2 | 14.9 |
| 21:56:30 | 30 24.0 | -95 42.3 | 414.0 | 430.1 | 10348* | 1802 | 32.0 | -5.3 | -1.6 | 77.2 | 81.2 | 0.0 | 215.2 | 231.9 | 91.5 | 211

A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 22:01:30 | 30 9.6 | -95 45.0 | -17.5 | -111.8 | 113.1 | 590 | 187.9 | 1.3* | -1.3 | 933.3 | 79.5 | 34.2 | 12.1 | -16.9 | -18.8 | 0.3 |
| 22:01:31 | 30 13.3 | -95 42.0 | -16.3 | -111.5 | 112.7 | 609 | 187.9 | 1.1* | -1.5 | 250.6 | 79.5 | 34.4 | 11.2 | 21.9 | 21.9 | 0.0 |
| 22:01:31 | 30 6.5 | -95 45.9 | -17.1 | -112.4 | 113.7 | 676 | 0.0 | 18.6 | -19.4 | 80.9 | 86.7 | 50.0 | 25.5 | 23.7 | 23.7 | 9.5 |
| 22:01:30 | 30 6.5 | -95 45.9 | 423.5 | 440.1 | 10348* | 677 | 33.6 | -6.4 | -1.7 | 79.8 | 84.8 | 0.0 | 218.8 | 186.5 | 103.8 | 216.9 |
| 22:02:00 | 30 7.7 | -95 45.3 | -17.0 | -111.6 | 112.9 | 588 | 187.7 | 1.0 | -0.8 | 933.6 | 81.9 | 34.3 | 11.7 | -16.9 | -18.9 | 0.4 |
| 22:02:01 | 30 11.5 | -95 42.3 | -15.8 | -111.4 | 112.5 | 603 | 187.5 | 0.8 | -0.9 | 250.5 | 81.9 | 34.5 | 10.6 | 21.5 | 21.5 | 0.0 |
| 22:02:01 | 30 4.7 | -95 46.2 | -16.5 | -112.4 | 113.6 | 676 | 0.0 | 14.3 | -22.2 | 83.2 | 89.0 | 50.0 | 24.9 | 23.7 | 23.7 | 9.8 |
| 22:02:00 | 30 4.7 | -95 46.2 | 422.9 | 439.4 | 10349* | 675 | 34.2 | -7.2 | -1.8 | 82.1 | 87.2 | 0.0 | 221.9 | 186.3 | 106.7 | 219.7 |
| 22:02:30 | 30 5.9 | -95 45.6 | -16.4 | -111.5 | 112.7 | 593 | 187.9 | 1.5 | -1.4 | 934.0 | 80.3 | 34.2 | 11.9 | -16.9 | -18.9 | 0.4 |
| 22:02:31 | 30 9.7 | -95 42.6 | -15.2 | -111.3 | 112.3 | 611 | 187.5 | 1.3 | -1.5 | 250.5 | 80.3 | 34.4 | 10.9 | 21.2 | 21.2 | 0.0 |
| 22:02:31 | 30 2.8 | -95 46.5 | -16.2 | -112.3 | 113.4 | 674 | 0.0 | 14.0 | -21.8 | 81.8 | 87.3 | 50.0 | 25.3 | 23.4 | 23.4 | 9.6 |
| 22:02:30 | 30 2.8 | -95 46.5 | 423.3 | 439.8 | 10349* | 673 | 36.9 | -5.6 | -1.4 | 80.5 | 85.4 | 0.0 | 219.8 | 187.1 | 105.1 | 217.8 |
| 22:03:00 | 30 4.1 | -95 46.0 | -16.6 | -111.2 | 112.4 | 600 | 187.3 | 1.1 | -0.6 | 933.5 | 81.8 | 34.1 | 11.5 | -16.9 | -18.9 | 0.3 |
| 22:03:01 | 30 7.9 | -95 42.9 | -15.5 | -110.9 | 111.9 | 616 | 187.3 | 1.0 | -0.8 | 250.5 | 81.8 | 34.3 | 10.5 | 21.6 | 21.6 | 0.0 |
| 22:03:01 | 30 1.0 | -95 46.8 | -16.2 | -111.9 | 113.0 | 681 | 0.0 | 13.6 | -22.5 | 82.9 | 88.9 | 50.0 | 24.9 | 23.7 | 23.7 | 9.9 |
| 22:03:00 | 30 1.0 | -95 46.8 | 422.6 | 439.2 | 10349* | 677 | 37.2 | -10.4 | -3.0 | 82.0 | 87.2 | 0.0 | 221.8 | 185.0 | 107.2 | 219.5 |
| 22:03:30 | 30 2.3 | -95 46.3 | -16.9 | -110.1 | 111.4 | 599 | 187.7 | 1.5 | -1.2 | 933.8 | 79.6 | 33.9 | 11.8 | -16.9 | -18.9 | 0.4 |
| 22:03:31 | 30 6.1 | -95 43.2 | -15.7 | -109.8 | 110.9 | 616 | 187.7 | 1.4 | -1.3 | 250.5 | 79.6 | 34.1 | 10.8 | 21.5 | 21.5 | 0.0 |
| 22:03:31 | 29 59.2 | -95 47.1 | -16.6 | -110.9 | 112.1 | 677 | 0.0 | 14.4 | -21.4 | 81.1 | 86.6 | 50.0 | 25.5 | 23.4 | 23.4 | 9.7 |
| 22:03:30 | 29 59.2 | -95 47.1 | 423.0 | 439.6 | 10349* | 676 | 33.8 | -6.6 | -1.7 | 79.9 | 84.8 | 0.0 | 218.9 | 186.4 | 105.6 | 216.9 |
| 22:04:00 | 30 0.5 | -95 46.6 | -15.3 | -109.6 | 110.7 | 611 | 187.6 | 1.5 | -1.3 | 934.0 | 79.3 | 33.6 | 11.7 | -16.9 | -18.9 | 0.4 |
| 22:04:01 | 30 4.3 | -95 43.4 | -14.2 | -109.3 | 110.2 | 627 | 187.4 | 1.4 | -1.4 | 250.5 | 79.4 | 33.9 | 10.7 | 21.6 | 21.6 | 0.0 |
| 22:04:01 | 29 57.4 | -95 47.4 | -15.1 | -110.4 | 111.4 | 677 | 0.0 | 15.8 | -20.6 | 80.6 | 86.4 | 50.0 | 25.5 | 23.7 | 23.7 | 9.8 |
| 22:04:00 | 29 57.4 | -95 47.4 | 422.8 | 439.4 | 10349* | 675 | 33.9 | -8.7 | -2.4 | 79.6 | 84.3 | 0.0 | 218.6 | 186.6 | 105.9 | 216.6 |
| 22:04:30 | 29 58.8 | -95 46.9 | -16.8 | -109.8 | 111.1 | 609 | 187.5 | 1.2 | -1.2* | 933.6 | 80.4 | 33.6 | 11.4 | -16.9 | -18.9 | 0.4 |
| 22:04:31 | 30 2.5 | -95 43.7 | -15.6 | -109.5 | 110.6 | 626 | 187.2 | 1.0 | -1.3 | 250.6 | 80.4 | 33.9 | 10.5 | 21.5 | 21.5 | 0.0 |
| 22:04:31 | 29 55.6 | -95 47.7 | -16.4 | -110.6 | 111.8 | 677 | 0.0 | 17.5 | -20.3 | 81.4 | 87.5 | 50.0 | 25.3 | 23.6 | 23.6 | 9.9 |
| 22:04:30 | 29 55.6 | -95 47.7 | 422.5 | 439.0 | 10348* | 678 | 35.4 | -10.8 | -3.3 | 80.6 | 85.0 | 0.0 | 219.9 | 185.2 | 106.7 | 217.7 |
| 22:05:00 | 29 57.0 | -95 47.2 | -16.7 | -110.2 | 111.5 | 609 | 187.5 | 1.4 | -1.3 | 933.9 | 78.6 | 33.5 | 11.7 | -16.9 | -18.9 | 0.4 |
| 22:05:01 | 30 0.7 | -95 44.0 | -15.6 | -109.9 | 111.0 | 628 | 187.5 | 1.2 | -1.4 | 250.6 | 78.6 | 33.7 | 10.7 | 22.0 | 22.0 | 0.0 |
| 22:05:01 | 29 53.8 | -95 48.0 | -16.5 | -111.0 | 112.2 | 674 | 0.0 | 13.7 | -21.4 | 80.0 | 85.6 | 50.0 | 25.7 | 23.8 | 23.8 | 9.8 |
| 22:05:00 | 29 53.8 | -95 48.0 | 422.8 | 439.3 | 10348* | 677 | 36.8 | -7.5 | -2.1 | 78.8 | 83.6 | 0.0 | 217.6 | 185.8 | 104.2 | 215.6 |
| 22:05:30 | 29 55.2 | -95 47.5 | -16.2 | -109.8 | 110.9 | 609 | 187.3 | 1.3 | -0.4 | 933.8 | 80.9 | 33.5 | 11.2 | -16.9 | -18.9 | 0.3 |
| 22:05:31 | 29 59.0 | -95 44.3 | -15.1 | -109.5 | 110.5 | 625 | 187.3 | 1.2 | -0.6 | 250.5 | 81.0 | 33.8 | 10.2 | 22.0 | 22.0 | 0.0 |
| 22:05:31 | 29 52.0 | -95 48.3 | -16.0 | -110.6 | 111.8 | 672 | 0.0 | 9.3 | -24.2 | 83.0 | 88.1 | 50.0 | 25.1 | 23.8 | 23.8 | 10.1 |
| 22:05:30 | 29 52.0 | -95 48.3 | 422.2 | 438.6 | 10349* | 676 | 38.0 | -1.1 | 0.3 | 81.0 | 86.8 | 0.0 | 220.7 | 186.8 | 107.4 | 218.3 |
| 22:06:00 | 29 53.5 | -95 47.2 | 68.3 | -84.4 | 108.6 | 609 | 143.8* | 1.7 | -25.0* | 934.7 | 75.4 | 33.0 | 11.9 | -16.9 | -18.9 | 0.4 |
| 22:06:01 | 29 57.3 | -95 44.0 | 69.4 | -84.1 | 109.0 | 627 | 143.5* | 1.5 | -25.2* | 250.5 | 75.4 | 33.2 | 11.0 | 22.0 | 22.0 | 0.0 |
| 22:06:01 | 29 50.3 | -95 48.1 | 66.5 | -87.1 | 109.5 | 675 | 0.0 | 22.3 | -16.6 | 76.3 | 82.4 | 50.0 | 26.6 | 23.6 | 23.6 | 9.6 |
| 22:06:00 | 29 50.3 | -95 48.1 | 423.2 | 439.8 | 10349* | 673 | 36.5 | -10.5 | -3.5 | 75.7 | 78.7 | 0.0 | 213.3 | 148.0 | 103.5 | 211.7 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 22:06:30 | 29 52.9 | -95 45.4 | 108.8 | -20.5 | 110.8 | 607 | 106.2 | 2.4 | 1.3* | 934.8 | 70.5 | 32.3 | 12.4 | -16.9 | -18.9 | 0.5 |
| 22:06:31 | 29 56.6 | -95 42.1 | 109.9 | -20.2 | 111.8 | 626 | 106.0 | 2.2 | 1.1* | 250.6 | 70.5 | 32.6 | 11.8 | 22.2 | 22.2 | 0.0 |
| 22:06:31 | 29 49.6 | -95 46.3 | 109.5 | -21.5 | 111.5 | 683 | 0.0 | 19.7 | -15.9 | 71.8 | 77.0 | 50.0 | 27.9 | 23.9 | 23.9 | 9.3 |
| 22:06:30 | 29 49.6 | -95 46.2 | 423.9 | 440.5 | 10348* | 669 | 33.7 | -6.7 | -1.5 | 70.8 | 74.7 | 0.0 | 206.3 | 112.0 | 95.6 | 205.4 |
| 22:07:00 | 29 52.5 | -95 43.4 | 105.6 | -22.9 | 108.1 | 617 | 107.8 | 2.0 | -1.0 | 934.5 | 67.9 | 32.0 | 12.7 | -16.9 | -18.9 | 0.5 |
| 22:07:01 | 29 56.3 | -95 40.1 | 106.7 | -22.6 | 109.0 | 634 | 107.5 | 1.8 | -1.1 | 250.6 | 68.0 | 32.3 | 12.1 | 21.9 | 21.9 | 0.0 |
| 22:07:01 | 29 49.2 | -95 44.3 | 106.0 | -24.1 | 108.7 | 680 | 0.0 | 21.6 | -14.2 | 69.3 | 74.4 | 50.0 | 28.6 | 23.5 | 23.5 | 9.1 |
| 22:07:00 | 29 49.2 | -95 44.3 | 424.4 | 441.0 | 10348* | 675 | 34.2 | -6.2 | -1.5 | 68.3 | 72.3 | 0.0 | 202.6 | 113.7 | 95.0 | 202.1 |
| 22:07:30 | 29 52.1 | -95 41.5 | 90.5 | -49.2 | 103.0 | 623 | 124.8* | 2.3 | 15.4* | 933.7 | 65.5 | 31.7 | 13.0 | -16.9 | -18.9 | 0.4 |
| 22:07:31 | 29 55.9 | -95 38.2 | 91.6 | -48.9 | 103.8 | 639 | 125.0* | 2.2 | 15.2* | 250.6 | 65.5 | 32.0 | 12.4 | 21.8 | 21.8 | 0.0 |
| 22:07:31 | 29 48.8 | -95 42.3 | 91.9 | -48.8 | 104.1 | 683 | 0.0 | 24.3 | -12.4 | 66.4 | 71.8 | 50.0 | 29.2 | 23.4 | 23.4 | 8.9 |
| 22:07:30 | 29 48.8 | -95 42.3 | 424.8 | 441.4 | 10348* | 677 | 38.5 | -13.4 | -3.5 | 65.8 | 70.4 | 0.0 | 199.1 | 127.8 | 96.4 | 198.8 |
| 22:08:00 | 29 51.5 | -95 39.7 | 106.3 | -1.9 | 106.3 | 627 | 97.1 | 2.3 | 0.2 | 934.5 | 62.6 | 31.6 | 13.5 | -16.9 | -18.9 | 0.4 |
| 22:08:01 | 29 55.3 | -95 36.4 | 107.3 | -1.6 | 107.3 | 643 | 97.0 | 2.2 | -0.0 | 250.6 | 62.6 | 31.9 | 13.1 | 21.6 | 21.6 | 0.0 |
| 22:08:01 | 29 48.2 | -95 40.5 | 106.7 | -2.8 | 106.8 | 680 | 0.0 | 23.6 | -11.4 | 63.7 | 68.7 | 50.0 | 30.0 | 23.2 | 23.2 | 8.6 |
| 22:08:00 | 29 48.2 | -95 40.5 | 425.6 | 442.3 | 10348* | 675 | 31.7 | -9.4 | -2.6 | 62.9 | 66.6 | 0.0 | 194.6 | 102.9 | 89.6 | 194.8 |
| 22:08:30 | 29 51.5 | -95 37.7 | 107.6 | -3.6 | 107.7 | 632 | 98.1 | 2.4 | -0.7 | 934.4 | 64.3 | 31.6 | 13.1 | -16.9 | -18.9 | 0.4 |
| 22:08:31 | 29 55.3 | -95 34.4 | 108.6 | -3.3 | 108.7 | 649 | 97.9 | 2.3 | -0.9 | 250.6 | 64.3 | 32.0 | 12.7 | 22.0 | 22.0 | 0.0 |
| 22:08:31 | 29 48.1 | -95 38.6 | 108.0 | -4.8 | 108.1 | 686 | 0.0 | 22.2 | -12.6 | 65.5 | 70.5 | 50.0 | 29.6 | 23.4 | 23.4 | 8.8 |
| 22:08:30 | 29 48.1 | -95 38.5 | 425.0 | 441.7 | 10348* | 679 | 32.4 | -8.4 | -2.4 | 64.6 | 68.4 | 0.0 | 197.3 | 104.5 | 90.6 | 197.2 |
| 22:09:00 | 29 51.4 | -95 35.7 | 110.4 | -1.4 | 110.4 | 620 | 96.2 | 1.7 | -1.4* | 935.4 | 68.2 | 32.1 | 12.8 | -16.9 | -18.9 | 0.5 |
| 22:09:01 | 29 55.2 | -95 32.4 | 111.3 | -1.1 | 111.4 | 639 | 95.9 | 1.6 | -1.5* | 250.5 | 68.2 | 32.6 | 12.2 | 22.1 | 22.1 | 0.0 |
| 22:09:01 | 29 48.1 | -95 36.5 | 110.8 | -2.5 | 110.8 | 669 | 0.0 | 17.1 | -16.3 | 69.6 | 74.6 | 50.0 | 28.5 | 23.6 | 23.6 | 9.1 |
| 22:09:00 | 29 48.1 | -95 36.5 | 424.5 | 441.1 | 10349* | 670 | 32.7 | -6.0 | -1.5 | 68.5 | 72.5 | 0.0 | 203.0 | 102.4 | 93.1 | 202.5 |
| 22:09:30 | 29 51.4 | -95 33.6 | 110.9 | 1.3 | 110.9 | 612 | 94.7 | 2.5 | -0.7 | 935.8 | 68.7 | 32.6 | 13.1 | -16.9 | -18.8 | 0.4 |
| 22:09:31 | 29 55.2 | -95 30.3 | 111.8 | 1.6 | 111.8 | 630 | 94.7 | 2.3 | -0.9 | 250.6 | 68.7 | 32.9 | 12.5 | 21.7 | 21.7 | 0.0 |
| 22:09:31 | 29 48.1 | -95 34.4 | 111.2 | -0.0 | 111.2 | 655 | 0.0 | 22.2 | -14.2 | 70.3 | 75.3 | 50.0 | 28.4 | 23.1 | 23.1 | 8.9 |
| 22:09:30 | 29 48.1 | -95 34.4 | 424.9 | 441.5 | 10348* | 664 | 32.5 | -3.2 | -0.6 | 69.0 | 73.3 | 0.0 | 203.7 | 101.2 | 93.4 | 203.2 |
| 22:10:00 | 29 51.4 | -95 31.5 | 112.8 | 2.0 | 112.9 | 610 | 94.1 | 2.2 | -0.7 | 936.3 | 70.5 | 32.7 | 12.8 | -16.9 | -18.9 | 0.5 |
| 22:10:01 | 29 55.2 | -95 28.2 | 113.8 | 2.3 | 113.8 | 628 | 94.1 | 2.1 | -0.9 | 250.6 | 70.5 | 33.0 | 12.1 | 21.3 | 21.3 | 0.0 |
| 22:10:01 | 29 48.1 | -95 32.4 | 113.2 | 0.5 | 113.2 | 659 | 0.0 | 19.7 | -15.9 | 72.1 | 77.2 | 50.0 | 27.9 | 23.2 | 23.2 | 9.1 |
| 22:10:00 | 29 48.1 | -95 32.4 | 424.5 | 441.1 | 10348* | 660 | 32.8 | -2.5 | -0.4 | 70.8 | 75.2 | 0.0 | 206.3 | 100.5 | 93.7 | 205.5 |
| 22:10:30 | 29 51.5 | -95 29.4 | 112.3 | 2.9 | 112.3 | 623 | 94.3 | 1.9 | -0.7 | 935.7 | 69.7 | 32.5 | 12.8 | -16.9 | -18.9 | 0.5 |
| 22:10:31 | 29 55.3 | -95 26.0 | 113.2 | 3.1 | 113.2 | 640 | 94.0 | 1.7 | -0.9 | 250.6 | 69.7 | 32.9 | 12.2 | 21.6 | 21.6 | 0.0 |
| 22:10:31 | 29 48.1 | -95 30.3 | 112.6 | 1.7 | 112.6 | 667 | 0.0 | 18.4 | -16.1 | 70.7 | 76.1 | 50.0 | 28.1 | 23.4 | 23.4 | 9.1 |
| 22:10:30 | 29 48.1 | -95 30.3 | 424.5 | 441.1 | 10348* | 668 | 36.1 | -12.8 | -3.7 | 69.9 | 74.2 | 0.0 | 205.2 | 99.4 | 93.0 | 204.5 |
| 22:11:00 | 29 51.5 | -95 27.3 | 112.8 | 5.9 | 113.0 | 620 | 92.8 | 2.1 | -1.6 | 936.1 | 69.7 | 32.4 | 12.7 | -16.9 | -18.8 | 0.5 |
| 22:11:01 | 29 55.4 | -95 23.9 | 113.7 | 6.2 | 113.9 | 638 | 92.5 | 2.0 | -1.8 | 250.6 | 69.7 | 32.8 | 12.1 | 21.7 | 21.7 | 0.0 |
| 22:11:01 | 29 48.1 | -95 28.2 | 113.1 | 4.7 | 113.2 | 668 | 0.0 | 19.6 | -15.7 | 70.8 | 76.2 | 50.0 | 28.1 | 23.3 | 23.3 | 9.1 |
| 22:11:00 | 29 48.1 | -95 28.1 | 424.3 | 440.9 | 10348* | 665 | 38.7 | -10.5 | -2.9 | 70.0 | 74.0 | 0.0 | 205.2 | 98.6 | 92.5 | 204.5 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 22:11:30 | 29 51.6 | -95 25.2 | 112.5 | 1.7 | 112.5 | 623 | 94.5 | 2.2 | -1.3* | 936.0 | 68.7 | 32.4 | 12.9 | -16.9 | -18.9 | 0.4 |
| 22:11:31 | 29 55.4 | -95 21.8 | 113.3 | 1.9 | 113.3 | 640 | 94.5 | 2.0 | -1.4* | 250.5 | 68.7 | 32.8 | 12.3 | 21.2 | 21.2 | 0.0 |
| 22:11:31 | 29 48.2 | -95 26.1 | 112.6 | 0.3 | 112.6 | 659 | 0.0 | 23.0 | -13.8 | 70.1 | 75.2 | 50.0 | 28.4 | 23.1 | 23.1 | 9.0 |
| 22:11:30 | 29 48.2 | -95 26.1 | 424.7 | 441.3 | 10349* | 665 | 37.1 | -6.3 | -1.6 | 69.0 | 72.8 | 0.0 | 203.7 | 100.7 | 91.7 | 203.2 |
| 22:12:00 | 29 51.6 | -95 23.2 | 112.5 | 0.5 | 112.5 | 630 | 94.7 | 1.5 | -1.1 | 935.6 | 67.8 | 32.1 | 12.8 | -16.9 | -18.9 | 0.4 |
| 22:12:01 | 29 55.4 | -95 19.7 | 113.4 | 0.7 | 113.4 | 646 | 94.7 | 1.3 | -1.3 | 250.6 | 67.8 | 32.5 | 12.3 | 21.8 | 21.8 | 0.0 |
| 22:12:01 | 29 48.2 | -95 24.0 | 112.7 | -0.9 | 112.7 | 668 | 0.0 | 20.1 | -14.7 | 68.9 | 74.1 | 50.0 | 28.6 | 23.2 | 23.2 | 9.0 |
| 22:12:00 | 29 48.2 | -95 24.0 | 424.5 | 441.1 | 10348* | 670 | 44.0 | -8.3 | -2.1 | 68.1 | 71.8 | 0.0 | 202.4 | 99.8 | 90.1 | 201.9 |
| 22:12:30 | 29 51.6 | -95 21.1 | 112.5 | -5.8 | 112.7 | 628 | 98.6 | 1.9 | -0.2 | 936.1 | 70.2 | 32.1 | 12.3 | -16.9 | -18.9 | 0.4 |
| 22:12:31 | 29 55.4 | -95 17.6 | 113.3 | -5.6 | 113.4 | 644 | 98.3 | 1.7 | -0.4 | 250.6 | 70.2 | 32.5 | 11.7 | 21.9 | 21.9 | 0.0 |
| 22:12:31 | 29 48.1 | -95 21.9 | 112.6 | -7.1 | 112.9 | 660 | 0.0 | 21.4 | -14.9 | 71.1 | 76.5 | 50.0 | 28.0 | 23.5 | 23.5 | 9.4 |
| 22:12:30 | 29 48.1 | -95 21.9 | 423.8 | 440.3 | 10348* | 665 | 35.2 | -10.3 | -2.9 | 70.5 | 74.4 | 0.0 | 205.9 | 104.0 | 93.3 | 205.0 |
| 22:13:00 | 29 51.5 | -95 19.0 | 112.7 | -4.9 | 112.8 | 627 | 97.8 | 2.1 | -1.6* | 936.3 | 70.6 | 32.1 | 12.2 | -16.9 | -18.9 | 0.4 |
| 22:13:01 | 29 55.3 | -95 15.5 | 113.5 | -4.7 | 113.6 | 644 | 97.5 | 1.9 | -1.7* | 250.5 | 70.6 | 32.4 | 11.5 | 22.0 | 22.0 | 0.0 |
| 22:13:01 | 29 48.0 | -95 19.8 | 112.8 | -6.5 | 113.0 | 662 | 0.0 | 22.2 | -14.8 | 71.9 | 77.1 | 50.0 | 27.8 | 23.4 | 23.4 | 9.4 |
| 22:13:00 | 29 48.0 | -95 19.8 | 423.6 | 440.2 | 10349* | 663 | 39.1 | -4.2 | -0.8 | 71.0 | 74.9 | 0.0 | 206.5 | 104.2 | 93.8 | 205.5 |
| 22:13:30 | 29 51.5 | -95 16.8 | 114.1 | 1.5 | 114.1 | 630 | 94.7 | 2.2 | -0.9 | 936.3 | 71.9 | 32.2 | 12.0 | -16.9 | -18.8 | 0.5 |
| 22:13:31 | 29 55.3 | -95 13.4 | 114.9 | 1.7 | 114.9 | 648 | 94.7 | 2.0 | -1.0 | 250.6 | 71.9 | 32.6 | 11.4 | 21.7 | 21.7 | 0.0 |
| 22:13:31 | 29 48.0 | -95 17.7 | 114.2 | 0.1 | 114.2 | 662 | 0.0 | 20.9 | -15.7 | 72.4 | 78.0 | 50.0 | 27.5 | 23.1 | 23.1 | 9.6 |
| 22:13:30 | 29 48.0 | -95 17.7 | 423.3 | 439.9 | 10348* | 664 | 39.6 | -10.4 | -2.9 | 72.2 | 75.4 | 0.0 | 208.3 | 100.0 | 93.9 | 207.1 |
| 22:14:00 | 29 51.5 | -95 14.7 | 115.4 | 1.6 | 115.4 | 637 | 94.8 | 1.2 | -1.2 | 936.1 | 74.5 | 32.2 | 11.4 | -16.9 | -18.9 | 0.4 |
| 22:14:01 | 29 55.3 | -95 11.2 | 116.1 | 1.8 | 116.1 | 651 | 94.8 | 1.1 | -1.4 | 250.5 | 74.5 | 32.6 | 10.7 | 22.3 | 22.3 | 0.0 |
| 22:14:01 | 29 48.0 | -95 15.5 | 115.3 | 0.1 | 115.3 | 669 | 0.0 | 12.9 | -20.1 | 74.8 | 80.3 | 50.0 | 26.8 | 23.8 | 23.8 | 10.0 |
| 22:14:00 | 29 48.0 | -95 15.5 | 422.5 | 439.0 | 10349* | 668 | 39.5 | -9.7 | -2.8 | 74.6 | 77.9 | 0.0 | 212.0 | 100.4 | 95.9 | 210.3 |
| 22:14:30 | 29 51.5 | -95 12.6 | 115.6 | 1.1 | 115.6 | 635 | 94.7 | 1.2 | -1.2 | 936.2 | 73.3 | 32.3 | 11.7 | -16.9 | -18.9 | 0.3 |
| 22:14:31 | 29 55.4 | -95 9.1 | 116.3 | 1.3 | 116.3 | 654 | 94.5 | 1.0 | -1.3 | 250.6 | 73.4 | 32.6 | 11.0 | 22.2 | 22.2 | 0.0 |
| 22:14:31 | 29 48.0 | -95 13.4 | 115.5 | -0.3 | 115.5 | 670 | 0.0 | 16.7 | -18.2 | 74.0 | 79.7 | 50.0 | 27.1 | 23.4 | 23.4 | 9.7 |
| 22:14:30 | 29 48.0 | -95 13.4 | 422.9 | 439.5 | 10348* | 667 | 34.2 | -10.0 | -2.8 | 73.6 | 77.2 | 0.0 | 210.3 | 100.1 | 94.2 | 208.9 |
| 22:15:00 | 29 51.5 | -95 10.4 | 116.6 | 1.6 | 116.6 | 641 | 95.2 | 1.0 | -1.2 | 935.9 | 74.2 | 32.2 | 11.5 | -16.9 | -18.9 | 0.4 |
| 22:15:01 | 29 55.4 | -95 6.9 | 117.3 | 1.8 | 117.3 | 655 | 94.9 | 0.9 | -1.3 | 250.6 | 74.2 | 32.6 | 10.8 | 22.2 | 22.2 | 0.0 |
| 22:15:01 | 29 47.9 | -95 11.2 | 116.5 | 0.1 | 116.5 | 669 | 0.0 | 14.0 | -19.7 | 74.8 | 80.4 | 50.0 | 26.9 | 23.5 | 23.5 | 9.9 |
| 22:15:00 | 29 47.9 | -95 11.2 | 422.6 | 439.1 | 10348* | 670 | 40.8 | -10.2 | -2.8 | 74.4 | 78.1 | 0.0 | 211.6 | 101.3 | 94.5 | 210.0 |
| 22:15:30 | 29 51.6 | -95 8.2 | 116.3 | 1.1 | 116.4 | 641 | 94.7 | 1.6 | -1.2 | 935.9 | 75.0 | 32.0 | 11.1 | -16.9 | -18.9 | 0.4 |
| 22:15:31 | 29 55.4 | -95 4.7 | 117.0 | 1.3 | 117.0 | 655 | 94.7 | 1.5 | -1.3 | 250.5 | 75.0 | 32.4 | 10.4 | 22.5 | 22.5 | 0.0 |
| 22:15:31 | 29 47.9 | -95 9.1 | 116.3 | -0.3 | 116.3 | 672 | 0.0 | 17.5 | -18.3 | 75.6 | 81.4 | 50.0 | 26.7 | 23.4 | 23.4 | 10.2 |
| 22:15:30 | 29 47.9 | -95 9.0 | 422.0 | 438.5 | 10350* | 670 | 39.3 | -11.0 | -3.1 | 75.2 | 78.5 | 0.0 | 212.6 | 99.8 | 95.3 | 210.8 |
| 22:16:00 | 29 51.6 | -95 6.1 | 116.5 | 1.7 | 116.5 | 637 | 94.6 | 1.7 | -1.1* | 936.2 | 76.1 | 31.9 | 10.7 | -16.9 | -18.9 | 0.4 |
| 22:16:01 | 29 55.4 | -95 2.5 | 117.1 | 1.9 | 117.1 | 653 | 94.6 | 1.5 | -1.2* | 250.5 | 76.2 | 32.3 | 10.0 | 22.6 | 22.6 | 0.0 |
| 22:16:01 | 29 48.0 | -95 6.9 | 116.5 | 0.3 | 116.5 | 667 | 0.0 | 14.5 | -20.0 | 76.6 | 82.5 | 50.0 | 26.4 | 23.7 | 23.7 | 10.4 |
| 22:16:00 | 29 48.0 | -95 6.9 | 421.5 | 437.9 | 10349* | 666 | 34.9 | -12.4 | -3.8 | 76.3 | 80.4 | 0.0 | 214.2 | 99.6 | 96.5 | 212.2 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 22:16:30 | 29 51.6 | -95 3.9 | 116.2 | 2.4 | 116.3 | 644 | 94.7 | 1.8 | -0.7 | 936.3 | 74.3 | 32.0 | 11.2 | -16.9 | -18.9 | 0.3 |
| 22:16:31 | 29 55.5 | -95 0.3 | 116.8 | 2.5 | 116.9 | 661 | 94.5 | 1.7 | -0.8 | 250.6 | 74.3 | 32.3 | 10.5 | 20.9 | 20.9 | 0.0 |
| 22:16:31 | 29 48.0 | -95 4.7 | 116.2 | 1.0 | 116.2 | 663 | 0.0 | 17.3 | -18.2 | 74.8 | 80.6 | 50.0 | 26.9 | 23.0 | 23.0 | 10.1 |
| 22:16:30 | 29 48.0 | -95 4.7 | 422.2 | 438.7 | 10348* | 666 | 31.1 | -12.5 | -3.7 | 74.5 | 78.3 | 0.0 | 211.7 | 100.3 | 94.8 | 210.0 |
| 22:17:00 | 29 51.7 | -95 1.7 | 116.6 | 2.8 | 116.7 | 639 | 94.2 | 1.7 | -0.5 | 936.1 | 74.6 | 31.5 | 10.7 | -16.9 | -18.8 | 0.3 |
| 22:17:01 | 29 55.5 | -94 58.2 | 117.2 | 2.9 | 117.3 | 654 | 93.9 | 1.6 | -0.6 | 250.6 | 74.6 | 31.9 | 10.0 | 22.6 | 22.6 | 0.0 |
| 22:17:01 | 29 48.0 | -95 2.6 | 116.5 | 1.3 | 116.5 | 664 | 0.0 | 17.0 | -18.4 | 75.4 | 81.0 | 50.0 | 26.8 | 23.6 | 23.6 | 10.4 |
| 22:17:00 | 29

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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 22:21:30 | 29 51.3 | -94 43.1 | 31.1 | -96.4 | 101.3 | 492 | 164.9* | 1.9 | 23.8 | 952.5 | 68.8 | 31.6 | 12.1 | -16.9 | -18.9 | 0.4 |
| 22:21:31 | 29 55.1 | -94 39.5 | 31.5 | -96.2 | 101.3 | 507 | 165.1* | 1.8 | 23.6 | 250.6 | 68.8 | 31.9 | 11.5 | 23.5 | 23.5 | 0.0 |
| 22:21:31 | 29 47.4 | -94 44.0 | 32.9 | -97.1 | 102.5 | 502 | 0.0 | 23.3 | -13.8 | 69.8 | 75.1 | 50.0 | 28.3 | 23.5 | 23.5 | 9.5 |
| 22:21:30 | 29 47.4 | -94 44.0 | 423.5 | 440.0 | 10348* | 507 | 31.8 | -6.8 | -1.5 | 69.2 | 73.2 | 0.0 | 203.9 | 164.8 | 101.9 | 203.1 |
| 22:22:00 | 29 49.8 | -94 43.7 | -87.5 | -57.7 | 104.8 | 492 | 233.7* | 1.9 | 22.5* | 952.3 | 69.2 | 31.7 | 12.1 | -16.9 | -18.9 | 0.4 |
| 22:22:01 | 29 53.7 | -94 40.1 | -87.2 | -57.6 | 104.5 | 509 | 233.5* | 1.7 | 22.3* | 250.6 | 69.2 | 32.0 | 11.5 | 22.9 | 22.9 | 0.0 |
| 22:22:01 | 29 45.9 | -94 44.6 | -87.0 | -60.8 | 106.1 | 508 | 0.0 | 23.1 | -14.0 | 70.0 | 75.5 | 50.0 | 28.2 | 23.2 | 23.2 | 9.5 |
| 22:22:00 | 29 45.9 | -94 44.6 | 423.5 | 440.1 | 10348* | 507 | 32.4 | -9.9 | -2.4 | 69.6 | 73.8 | 0.0 | 204.5 | 227.2 | 99.5 | 203.6 |
| 22:22:30 | 29 49.1 | -94 45.5 | -97.9 | -42.6 | 106.8 | 493 | 242.1 | 1.9 | -0.1 | 953.1 | 69.0 | 31.4 | 11.8 | -16.9 | -18.9 | 0.4 |
| 22:22:31 | 29 53.0 | -94 41.9 | -97.6 | -42.5 | 106.5 | 509 | 241.9 | 1.8 | -0.2 | 250.5 | 69.0 | 31.8 | 11.3 | 25.2 | 25.2 | 0.0 |
| 22:22:31 | 29 45.2 | -94 46.2 | -98.6 | -44.0 | 108.0 | 508 | 0.0 | 18.7 | -15.8 | 69.9 | 75.3 | 50.0 | 28.3 | 23.9 | 23.9 | 9.7 |
| 00:00:00 | 29 45.1 | -94 46.4 | 423.1 | 439.6 | 10349* | 511 | 31.1 | -9.9 | -2.7 | 69.3 | 72.8 | 0.0 | 204.2 | 236.0 | 97.3 | 203.3 |
| 22:23:00 | 29 48.4 | -94 47.4 | -99.3 | -41.6 | 107.6 | 494 | 242.7 | 1.9 | -0.6 | 953.1 | 69.9 | 31.4 | 11.7 | -16.9 | -18.8 | 0.4 |
| 22:23:01 | 29 52.3 | -94 43.7 | -99.0 | -41.5 | 107.3 | 510 | 242.9 | 1.7 | -0.8 | 250.6 | 69.9 | 31.9 | 11.2 | 24.1 | 24.1 | 0.0 |
| 22:23:01 | 29 44.4 | -94 48.2 | -100.1 | -42.7 | 108.8 | 511 | 0.0 | 19.1 | -15.9 | 70.7 | 76.1 | 50.0 | 28.0 | 23.4 | 23.4 | 9.8 |
| 22:23:00 | 29 44.4 | -94 48.2 | 422.9 | 439.4 | 10348* | 512 | 31.1 | -10.4 | -2.9 | 70.2 | 73.5 | 0.0 | 205.5 | 236.5 | 97.7 | 204.4 |
| 22:23:30 | 29 47.7 | -94 49.2 | -99.5 | -41.2 | 107.7 | 493 | 242.9 | 1.9 | -0.6 | 953.1 | 70.5 | 31.5 | 11.7 | -16.9 | -18.9 | 0.4 |
| 22:23:31 | 29 51.6 | -94 45.5 | -99.3 | -41.1 | 107.5 | 509 | 242.7 | 1.8 | -0.7 | 250.6 | 70.5 | 31.9 | 11.1 | 23.5 | 23.5 | 0.0 |
| 22:23:31 | 29 43.8 | -94 50.1 | -100.4 | -42.3 | 109.0 | 511 | 0.0 | 19.1 | -16.1 | 71.2 | 76.6 | 50.0 | 27.9 | 23.5 | 23.5 | 9.8 |
| 22:23:30 | 29 43.8 | -94 50.1 | 422.8 | 439.4 | 10348* | 511 | 31.2 | -9.5 | -2.6 | 70.7 | 74.2 | 0.0 | 206.3 | 236.7 | 98.3 | 205.1 |
| 22:24:00 | 29 47.1 | -94 51.1 | -99.5 | -39.9 | 107.3 | 489 | 243.7 | 1.8 | -0.6 | 953.1 | 69.8 | 31.6 | 11.9 | -16.9 | -18.9 | 0.4 |
| 22:24:01 | 29 50.9 | -94 47.4 | -99.4 | -39.9 | 107.1 | 505 | 243.5 | 1.7 | -0.8 | 250.5 | 69.8 | 32.0 | 11.4 | 23.7 | 23.7 | 0.0 |
| 22:24:01 | 29 43.1 | -94 51.9 | -100.6 | -41.2 | 108.7 | 510 | 0.0 | 19.0 | -15.9 | 70.3 | 75.9 | 50.0 | 28.1 | 23.3 | 23.3 | 9.6 |
| 22:24:00 | 29 43.1 | -94 51.9 | 423.2 | 439.7 | 10349* | 512 | 31.3 | -12.7 | -3.7 | 70.0 | 73.5 | 0.0 | 205.4 | 237.1 | 98.0 | 204.3 |
| 22:24:30 | 29 46.4 | -94 52.9 | -94.6 | -36.1 | 101.2 | 487 | 244.2 | 2.0 | -0.6 | 953.3 | 62.3 | 31.2 | 13.3 | -16.9 | -18.9 | 0.4 |
| 22:24:31 | 29 50.3 | -94 49.2 | -94.4 | -36.0 | 101.0 | 503 | 244.0 | 1.8 | -0.8 | 250.6 | 62.4 | 31.6 | 12.9 | 23.0 | 23.0 | 0.0 |
| 22:24:31 | 29 42.4 | -94 53.8 | -95.7 | -37.3 | 102.7 | 507 | 0.0 | 12.9 | -16.2 | 63.2 | 68.0 | 50.0 | 30.1 | 23.1 | 23.1 | 8.8 |
| 22:24:30 | 29 42.4 | -94 53.8 | 425.2 | 441.8 | 10348* | 512 | 34.5 | -7.2 | -2.0 | 62.5 | 65.5 | 0.0 | 194.3 | 238.0 | 94.1 | 194.4 |
| 22:25:00 | 29 46.0 | -94 54.6 | -93.5 | -18.0 | 95.2 | 485 | 253.3 | 1.1 | -0.4 | 954.6 | 54.2 | 30.7 | 14.7 | -16.9 | -18.9 | 0.3 |
| 22:25:01 | 29 49.9 | -94 50.9 | -93.4 | -17.9 | 95.1 | 502 | 253.4 | 0.9 | -0.6 | 250.6 | 54.2 | 31.1 | 14.5 | 23.3 | 23.3 | 0.0 |
| 22:25:01 | 29 42.0 | -94 55.5 | -94.7 | -19.1 | 96.6 | 501 | 0.0 | 6.0 | -16.8 | 54.8 | 59.0 | 50.0 | 32.4 | 23.2 | 23.2 | 7.9 |
| 22:25:00 | 29 42.0 | -94 55.5 | 427.4 | 444.1 | 10348* | 505 | 34.3 | -7.2 | -2.2 | 54.2 | 56.6 | 0.0 | 181.5 | 246.0 | 88.7 | 182.7 |
| 22:25:30 | 29 45.7 | -94 56.3 | -85.3 | -15.9 | 86.7 | 484 | 253.8 | 0.4 | -0.3 | 955.2 | 45.2 | 29.9 | 16.3 | -16.9 | -18.9 | 0.3 |
| 22:25:31 | 29 49.6 | -94 52.6 | -85.2 | -15.8 | 86.6 | 501 | 253.6 | 0.2 | -0.5 | 250.6 | 45.2 | 30.4 | 16.3 | 23.6 | 23.6 | 0.0 |
| 22:25:31 | 29 41.7 | -94 57.2 | -86.3 | -17.0 | 88.0 | 500 | 0.0 | 6.3 | -13.6 | 45.4 | 49.3 | 50.0 | 35.0 | 23.0 | 23.0 | 7.1 |
| 22:25:30 | 29 41.7 | -94 57.2 | 429.8 | 446.7 | 10348* | 503 | 31.3 | -8.4 | -2.6 | 45.2 | 47.2 | 0.0 | 165.9 | 246.1 | 82.6 | 168.2 |
| 22:26:00 | 29 45.5 | -94 57.8 | -80.6 | -13.6 | 81.8 | 482 | 254.3 | 1.4 | -0.6 | 955.3 | 39.1 | 29.6 | 17.6 | -16.9 | -18.9 | 0.3 |
| 22:26:01 | 29 49.4 | -94 54.1 | -80.6 | -13.6 | 81.7 | 499 | 254.0 | 1.3 | -0.8 | 250.5 | 39.1 | 30.1 | 17.8 | 22.9 | 22.9 | 0.0 |
| 22:26:01 | 29 41.4 | -94 58.7 | -81.7 | -14.6 | 83.0 | 501 | 0.0 | 9.8 | -9.8 | 39.4 | 42.9 | 50.0 | 36.9 | 22.8 | 22.8 | 6.5 |
| 22:26:00 | 29 41.4 | -94 58.8 | 431.7 | 448.7 | 10349* | 503 | 35.1 | -6.2 | -1.8 | 39.2 | 40.9 | 0.0 | 154.5 | 246.4 | 76.8 | 157.4 |



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| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 22:26:30 | 29 45.3 | -94 59.3 | -80.2 | -13.6 | 81.4 | 484 | 253.5 | 1.4 | 0.9 | 955.0 | 38.5 | 29.6 | 17.8 | -16.9 | -18.9 | 0.3 |
| 22:26:31 | 29 49.1 | -94 55.6 | -80.2 | -13.5 | 81.3 | 501 | 253.4 | 1.3 | 0.7 | 250.5 | 38.5 | 30.1 | 17.9 | 23.1 | 23.1 | 0.0 |
| 22:26:31 | 29 41.2 | -95 0.3 | -81.2 | -14.7 | 82.5 | 501 | 0.0 | 11.9 | -8.6 | 38.9 | 42.4 | 50.0 | 37.0 | 22.9 | 22.9 | 6.4 |
| 22:26:30 | 29 41.2 | -95 0.3 | 431.9 | 448.9 | 10349* | 504 | 31.4 | -5.2 | -1.6 | 38.6 | 40.1 | 0.0 | 153.4 | 244.9 | 76.4 | 156.3 |
| 22:27:00 | 29 45.0 | -95 0.8 | -80.7 | -14.4 | 81.9 | 470 | 253.1* | 1.5 | 1.1 | 955.7 | 40.8 | 30.1 | 17.6 | -16.9 | -18.9 | 0.3 |
| 22:27:01 | 29 48.9 | -94 57.1 | -80.6 | -14.4 | 81.9 | 486 | 253.2* | 1.3 | 0.9 | 250.6 | 40.8 | 30.5 | 17.7 | 23.4 | 23.4 | 0.0 |
| 22:27:01 | 29 40.9 | -95 1.8 | -81.7 | -15.6 | 83.2 | 494 | 0.0 | 10.0 | -10.4 | 41.4 | 44.8 | 50.0 | 36.3 | 23.0 | 23.0 | 6.5 |
| 22:27:00 | 29 40.9 | -95 1.8 | 431.7 | 448.6 | 10348* | 497 | 36.9 | -1.3 | -0.3 | 40.9 | 42.2 | 0.0 | 157.7 | 246.4 | 79.7 | 160.6 |
| 22:27:30 | 29 44.8 | -95 2.2 | -74.3 | -23.6 | 78.0 | 464 | 245.8 | 0.7 | -3.4* | 956.6 | 36.7 | 30.1 | 18.7 | -16.9 | -18.9 | 0.3 |
| 22:27:31 | 29 48.6 | -94 58.5 | -74.3 | -23.6 | 78.0 | 480 | 245.5 | 0.5 | -3.5* | 250.6 | 36.7 | 30.7 | 19.1 | 22.6 | 22.6 | 0.0 |
| 22:27:31 | 29 40.6 | -95 3.2 | -75.5 | -24.3 | 79.3 | 487 | 0.0 | 14.2 | -7.0 | 37.4 | 40.8 | 50.0 | 37.6 | 22.9 | 22.9 | 6.0 |
| 22:27:30 | 29 40.6 | -95 3.2 | 433.3 | 450.4 | 10348* | 490 | 36.2 | -5.9 | -1.9 | 36.9 | 39.0 | 0.0 | 149.6 | 238.0 | 76.0 | 152.9 |
| 22:28:00 | 29 44.3 | -95 3.6 | -67.9 | -33.3 | 75.7 | 394 | 238.3* | 0.5 | -3.8 | 964.2 | 36.6 | 30.6 | 19.2 | -16.9 | -18.9 | 0.3 |
| 22:28:01 | 29 48.2 | -94 59.9 | -68.0 | -33.3 | 75.7 | 409 | 238.1* | 0.3 | -4.0 | 250.6 | 36.6 | 31.2 | 19.6 | 23.2 | 23.2 | 0.0 |
| 22:28:01 | 29 40.2 | -95 4.6 | -69.3 | -34.1 | 77.2 | 415 | 0.0 | 14.8 | -6.7 | 37.4 | 40.6 | 50.0 | 37.6 | 22.6 | 22.6 | 5.8 |
| 22:28:00 | 29 40.2 | -95 4.6 | 434.1 | 451.2 | 10348* | 420 | 38.7 | -4.3 | -1.3 | 36.8 | 38.4 | 0.0 | 149.6 | 232.6 | 77.9 | 153.0 |
| 22:28:30 | 29 43.7 | -95 4.7 | -52.9 | -48.1 | 71.5 | 296 | 221.9* | -1.1 | -5.8* | 974.1 | 33.1 | 31.3 | 20.9 | -16.9 | -18.9 | 0.3 |
| 22:28:31 | 29 47.5 | -95 1.0 | -53.0 | -48.1 | 71.6 | 313 | 221.6* | -1.3 | -5.9* | 250.6 | 33.1 | 32.4 | 21.7 | 23.9 | 23.9 | 0.0 |
| 22:28:31 | 29 39.5 | -95 5.8 | -54.6 | -48.4 | 72.9 | 322 | 0.0 | 20.8 | -2.6 | 34.2 | 37.0 | 50.0 | 38.7 | 23.3 | 23.3 | 5.2 |
| 22:28:30 | 29 39.5 | -95 5.8 | 436.6 | 453.9 | 10348* | 328 | 34.4 | 2.7 | 1.0 | 33.3 | 35.1 | 0.0 | 142.3 | 218.9 | 74.5 | 146.2 |
| 22:29:00 | 29 42.8 | -95 5.6 | -50.6 | -50.0 | 71.2 | 185 | 220.8 | 0.7 | 2.1* | 986.2 | 33.8 | 32.4 | 21.7 | -16.9 | -18.9 | 0.3 |
| 22:29:01 | 29 46.7 | -95 2.0 | -50.7 | -50.1 | 71.2 | 205 | 220.9 | 0.5 | 1.9* | 250.6 | 33.8 | 33.5 | 22.6 | 23.8 | 23.8 | 0.0 |
| 22:29:01 | 29 38.7 | -95 6.7 | -51.6 | -51.3 | 72.8 | 212 | 0.0 | 16.3 | -5.2 | 35.2 | 37.9 | 50.0 | 38.5 | 23.8 | 23.8 | 4.9 |
| 22:29:00 | 29 38.7 | -95 6.7 | 437.8 | 455.1 | 10348* | 216 | 40.3 | 2.0 | 0.9 | 34.0 | 36.0 | 0.0 | 143.8 | 217.8 | 76.9 | 147.9 |
| 22:29:30 | 29 42.0 | -95 6.5 | -46.8 | -49.9 | 68.4 | 128 | 218.7* | 0.7 | 0.9* | 992.9 | 32.4 | 32.8 | 22.6 | -16.9 | -18.9 | 0.3 |
| 22:29:31 | 29 45.9 | -95 2.9 | -46.9 | -49.9 | 68.5 | 146 | 218.6* | 0.5 | 0.7* | 250.6 | 32.4 | 33.8 | 23.3 | 23.7 | 23.7 | 0.0 |
| 22:29:31 | 29 37.8 | -95 7.6 | -48.0 | -50.9 | 70.0 | 152 | 0.0 | 18.9 | -3.2 | 33.8 | 36.4 | 50.0 | 38.9 | 23.8 | 23.8 | 4.6 |
| 22:29:30 | 29 37.8 | -95 7.6 | 439.0 | 456.4 | 10348* | 157 | 38.3 | 3.9 | 1.8 | 32.5 | 34.8 | 0.0 | 140.9 | 216.7 | 76.7 | 145.2 |
| 22:30:00 | 29 41.2 | -95 7.4 | -44.1 | -45.5 | 63.4 | -1 | 221.5 | -1.0 | -3.0 | 1006.7 | 27.4 | 33.8 | 25.0 | -16.9 | -18.8 | 0.4 |
| 22:30:01 | 29 45.1 | -95 3.7 | -44.3 | -45.5 | 63.5 | 28 | 221.3 | -1.1 | -3.1 | 250.6 | 27.4 | 34.6 | 25.6 | 24.0 | 24.0 | 0.0 |
| 22:30:01 | 29 37.0 | -95 8.5 | -45.6 | -46.7 | 65.3 | 35 | 0.0 | 8.2 | -6.5 | 27.2 | 30.5 | 50.0 | 40.5 | 24.6 | 24.6 | 3.9 |
| 22:30:00 | 29 37.0 | -95 8.5 | 442.6 | 460.2 | 10348 | 43 | 37.8 | -10.9 | -3.8 | 27.3 | 28.9 | 0.0 | 129.5 | 215.2 | 71.1 | 134.4 |
| 22:30:30 | 29 40.6 | -95 8.1 | -19.8 | -20.4 | 28.4 | -1 | 224.0 | -1.1 | 0.2 | 1010.2 | 6.9 | 32.7 | 30.4 | -16.9 | -18.8 | 0.4 |
| 22:30:31 | 29 44.5 | -95 4.4 | -20.0 | -20.4 | 28.5 | 1 | 223.8 | -1.2 | 0.1 | 250.6 | 6.9 | 33.5 | 31.1 | 24.7 | 24.7 | 0.0 |
| 22:30:31 | 29 36.4 | -95 9.2 | -20.8 | -22.2 | 30.4 | 7 | 0.0 | 2.0 | -1.3 | 4.2 | 5.7 | 50.0 | 47.4 | 24.6 | 24.6 | 2.7 |
| 22:30:30 | 29 36.4 | -95 9.2 | 450.6 | 468.6 | 10348 | 16 | 35.3 | -6.5 | -2.9 | 6.7 | 6.2 | 0.0 | 65.5 | 210.4 | 41.1 | 69.2 |
| 22:31:00 | 29 40.4 | -95 8.3 | -10.9 | -11.1 | 15.5 | -1 | 223.8 | -1.2 | 0.3 | 1010.3 | 2.6 | 32.5 | 31.6 | -16.9 | -18.9 | 0.5 |
| 22:31:01 | 29 44.3 | -95 4.7 | -11.0 | -11.1 | 15.7 | 1 | 223.9 | -1.3 | 0.1 | 250.6 | 2.6 | 33.1 | 32.2 | 24.7 | 24.7 | 0.0 |
| 22:31:01 | 29 36.1 | -95 9.5 | -12.2 | -12.4 | 17.3 | 9 | 0.0 | 1.1 | -0.6 | 1.3 | 2.2 | 50.0 | 49.0 | 24.8 | 24.8 | 2.5 |
| 22:31:00 | 29 36.1 | -95 9.5 | 452.4 | 470.6 | 10348 | 16 | 35.4 | -4.2 | -1.7 | 2.4 | 2.7 | 0.0 | 40.3 | 202.0 | 27.7 | 42.8 |



A/C 43, Flgt 060916I, Micro99 date 2006/09/16, Proj Desktop Run on Thu Dec 7 13:07:20 2006

| TIME-M99 | LATi1 | LONGi1 | GSui1 | GSvi1 | GSi1 | RA159 | HDGi1 | PTCHi1 | ROLLi1 | PSW | PQF1 | TT1 | TA1 | TDM1 | TD1 | AXBT1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME-CG1 | LATi2 | LONGi2 | GSui2 | GSvi2 | GSi2 | RA232 | HDGi2 | PTCHi2 | ROLLi2 | PSF | PQF2 | TT2 | TA2 | TDM2 | TD2 | AXBT2 |
| TIME-CG2 | LATcln | LONGcln | GSucln | GSvcln | GScln | ALTcln | PRT5SIDE | PDAF | PDAR | PQAF | PQSF | TT3 | TA3 | TDM3 | TD3 | RH1 |
| TIME-GPS | LATash | LONGash | THETA1 | THETAE1 | PA1 | ALTash | PRT5DOWN | PDSF | PDSR | PQR | PQW | LWCJW | IAS | WDi1 | WSi1 | TAS1 |
| 22:31:30 | 29 40.3 | -95 8.5 | -4.8 | 6.8 | 8.3 | -1 | 313.5 | -0.8 | 0.2 | 1010.5 | 0.0 | 34.9 | 34.9 | -16.9 | -18.9 | 0.5 |
| 22:31:31 | 29 44.2 | -95 4.8 | -5.0 | 6.7 | 8.4 | 1 | 313.5 | -1.0 | 0.1 | 250.6 | -0.0 | 35.8 | 35.7 | 24.6 | 24.6 | 0.0 |
| 22:31:31 | 29 36.1 | -95 9.6 | -5.8 | 5.6 | 8.0 | 14 | 0.0 | 0.0 | -0.2 | 0.1 | 0.1 | 50.0 | 49.9 | 25.3 | 25.3 | 2.0 |
| 22:31:30 | 29 36.1 | -95 9.6 | 457.3 | 475.7 | 10348 | 14 | 35.5 | -0.7 | -0.3 | 0.2 | 0.1 | 0.0 | 5.5 | 188.9 | 6.5 | 5.9 |
| 22:32:00 | 29 40.5 | -95 8.6 | -5.1 | 7.1 | 8.7 | -1 | 313.6 | -0.9 | 0.2 | 1010.5 | -0.2 | 36.3 | -32767.0 | -16.9 | -18.9 | 0.5 |
| 22:32:01 | 29 44.3 | -95 4.9 | -5.3 | 7.0 | 8.8 | 1 | 313.4 | -1.0 | 0.1 | 250.6 | -0.3 | 37.5 | -32767.0 | 24.5 | 24.5 | 0.0 |
| 22:32:01 | 29 36.2 | -95 9.8 | -6.4 | 6.3 | 9.0 | 13 | 0.0 | -0.0 | -0.1 | 0.0 | 0.2 | 50.0 | -32767.0 | 25.6 | 25.6 | -32767.0 |
| 22:32:00 | 29 36.2 | -95 9.8 | -32767.0 | -32767.0 | -32767 | 14 | 35.5 | -0.1 | 0.0 | -0.2 | 0.3 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 22:32:30 | 29 40.6 | -95 8.7 | -5.4 | 7.2 | 9.0 | -1 | 312.9 | -0.5 | 0.4 | 1010.4 | -0.5 | 36.0 | -32767.0 | -16.9 | -18.9 | 0.5 |
| 22:32:31 | 29 44.5 | -95 5.0 | -5.6 | 7.2 | 9.1 | 1 | 313.0 | -0.7 | 0.2 | 250.6 | -0.6 | 37.0 | -32767.0 | 24.5 | 24.5 | 0.0 |
| 22:32:31 | 29 36.3 | -95 9.9 | -6.5 | 6.2 | 9.0 | 13 | 0.0 | 0.2 | -0.2 | 0.0 | 0.2 | 50.0 | -32767.0 | 25.4 | 25.4 | -32767.0 |
| 22:32:30 | 29 36.3 | -95 9.9 | -32767.0 | -32767.0 | -32767 | 14 | 35.6 | -1.2 | -0.7 | 0.0 | 0.4 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |
| 22:33:00 | 29 40.7 | -95 8.7 | -1.0 | 7.4 | 7.5 | -1 | 341.6 | -0.9 | 0.3 | 1010.4 | 0.1 | 36.7 | 36.6 | -16.9 | -18.9 | 0.5 |
| 22:33:01 | 29 44.6 | -95 5.1 | -1.2 | 7.3 | 7.4 | 1 | 341.5 | -1.1 | 0.1 | 250.5 | 0.1 | 37.6 | 37.5 | 23.9 | 23.9 | 0.0 |
| 22:33:01 | 29 36.4 | -95 10.0 | -2.2 | 6.4 | 6.7 | 9 | 0.0 | 0.0 | -0.2 | 0.0 | 0.0 | 50.0 | 49.9 | 25.1 | 25.1 | 1.7 |
| 22:33:00 | 29 36.4 | -95 10.0 | 459.9 | 478.5 | 10349 | 15 | 35.6 | -0.0 | -0.0 | 0.1 | 0.1 | 0.0 | 9.5 | 307.7 | 3.0 | 10.1 |
| 22:33:30 | 29 40.8 | -95 8.8 | -1.5 | 5.4 | 5.6 | -1 | 327.8 | -0.9 | 0.3 | 1010.4 | 0.1 | 36.5 | 36.4 | -16.9 | -18.9 | 0.1 |
| 22:33:31 | 29 44.7 | -95 5.1 | -1.8 | 5.3 | 5.6 | 1 | 327.6 | -1.1 | 0.2 | 250.6 | 0.0 | 37.3 | 37.2 | 24.0 | 24.0 | 0.0 |
| 22:33:31 | 29 36.5 | -95 10.0 | -2.7 | 4.3 | 5.1 | 13 | 0.0 | 0.0 | -0.2 | 0.0 | 0.0 | 50.0 | 49.9 | 25.0 | 25.0 | 1.8 |
| 22:33:30 | 29 36.5 | -95 10.0 | 459.6 | 478.2 | 10348 | 14 | 35.7 | -0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 9.1 | 295.1 | 5.1 | 9.8 |
| 22:34:00 | 29 40.9 | -95 8.8 | 1.0 | 4.6 | 4.7 | -1 | 357.8 | -0.9 | 0.5 | 1010.4 | 0.0 | 36.1 | 36.1 | -16.9 | -18.9 | 0.1 |
| 22:34:01 | 29 44.8 | -95 5.1 | 0.7 | 4.4 | 4.5 | 1 | 357.8 | -1.1 | 0.3 | 250.6 | -0.1 | 36.9 | 36.9 | 23.8 | 23.8 | 0.0 |
| 22:34:01 | 29 36.5 | -95 10.1 | -0.1 | 3.6 | 3.6 | 11 | 0.0 | 0.0 | -0.3 | 0.0 | 0.0 | 50.0 | 49.9 | 25.3 | 25.3 | 1.8 |
| 22:34:00 | 29 36.5 | -95 10.1 | 459.1 | 477.6 | 10348 | 14 | 35.8 | -0.0 | -0.0 | 0.0 | 0.1 | 0.0 | 3.8 | 245.0 | 1.4 | 4.1 |
| 22:34:30 | 29 40.9 | -95 8.7 | 1.2 | 1.0 | 1.5 | -1 | 358.1 | -0.9 | 0.4 | 1010.4 | -0.0 | 35.7 | -32767.0 | -16.9 | -18.9 | 0.1 |
| 22:34:31 | 29 44.8 | -95 5.1 | 0.8 | 0.9 | 1.2 | 1 | 358.1 | -1.0 | 0.2 | 250.6 | -0.1 | 36.5 | -32767.0 | 23.9 | 23.9 | 0.0 |
| 22:34:31 | 29 36.6 | -95 10.1 | -0.0 | 0.0 | 0.0 | 9 | 0.0 | 0.0 | -0.3 | 0.0 | 0.0 | 50.0 | -32767.0 | 25.1 | 25.1 | -32767.0 |
| 22:34:30 | 29 36.6 | -95 10.1 | -32767.0 | -32767.0 | -32767 | 13 | 35.9 | 0.0 | -0.0 | 0.0 | 0.1 | 0.0 | -32767.0 | -32767.0 | -32767.0 | -327 |

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ERROR COUNT:

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LAT_INE1: 94
LAT_INE2: 94
LAT_CLN: 94
LAT_ASH: 101
LONG_INE1: 94
LONG_INE2: 94
LONG_CLN: 95
LONG_ASH: 103
RA159: 1506



RA232: 1278
ALT_CLN: 58
ALT_ASH: 39
HDG_INE1: 4739
HDG_INE2: 4789
PRT5_SIDE: 15
PRT5_DOWN: 15
PITCH_INE1: 1888
PITCH_INE2: 1576
PDAF: 15
PDSF: 49
ROLL_INE1: 7113
ROLL_INE2: 6704
PDAR: 15
PDSR: 15
PSW: 36
PSF: 34
PQAF: 23
PQR: 32
PQF1: 25
PQF2: 42
PQSF: 15
PQW: 125
TT1: 34
TT2: 34
TT3: 34
TDM1: 34
TDM2: 34
TDM3: 146
AXBT1: 15
AXBT2: 15

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