



FLIGHT 04-6027 / 04-627 17 DECEMBER 2003 A/C 806 MAS / SHIS / NAST-I / NAST-M / CPL / DZONE / VIS
 LAMBERT CONFORMAL PROJECTION: SP1 = 33.2 SP2 = 43.2 CM = -93.4 ROTATED BY 0.0
 16:00:00 TO 22:20:00 UT SCALE 1:2.00E+07 TIME TICK EVERY 20.00 MINUTES

MODIS AIRBORNE SIMULATOR (MAS) FLIGHT LINE INFORMATION FOR 17 Dec 2003
NASA FLIGHT NUMBER 04-627

| START OF FLIGHT LINE | | | | | | END OF FLIGHT LINE | | | | | FLIGHT DATA | | |
|----------------------|------------------|------------|------------|-------------------|-------|--------------------|------------|------------|-------------------|-------|---------------|-------------|----------------|
| FLTL | TIME HH:MM:SS | LAT DEG | LON DEG | SOLAR ZEN AZIM | | TIME HH:MM:SS | LAT DEG | LON DEG | SOLAR ZEN AZIM | | SCAN LINES | HEAD DEG | ALT M (MSL) |
| 1 | 16:33:31 | 44.804 | -72.305 | 68.2 | 177.0 | 17:00:17 | 44.645 | -76.635 | 68.0 | 179.4 | 9999 | 267.0 | 19082 |
| 2 | 17:00:17 | 44.645 | -76.635 | 68.0 | 179.4 | 17:27:04 | 44.438 | -80.907 | 67.8 | 181.8 | 9999 | 264.4 | 19692 |
| 3 | 17:27:05 | 44.438 | -80.907 | 67.8 | 181.8 | 17:53:52 | 44.092 | -85.179 | 67.5 | 184.2 | 9999 | 263.4 | 19866 |
| 4 | 17:53:52 | 44.092 | -85.179 | 67.5 | 184.2 | 18:20:39 | 43.609 | -89.348 | 67.2 | 186.7 | 9999 | 260.9 | 19887 |
| 5 | 18:20:40 | 43.609 | -89.348 | 67.2 | 186.7 | 18:47:27 | 42.816 | -93.394 | 66.7 | 189.4 | 9999 | 257.0 | 19839 |
| 6 | 18:47:27 | 42.816 | -93.394 | 66.7 | 189.4 | 19:14:15 | 41.925 | -97.355 | 66.2 | 192.2 | 9999 | 254.9 | 19841 |
| 7 | 19:14:15 | 41.925 | -97.355 | 66.2 | 192.2 | 19:41:03 | 40.947 | -101.127 | 65.8 | 195.2 | 9999 | 253.7 | 19827 |
| 8 | 19:41:03 | 40.947 | -101.127 | 65.8 | 195.2 | 20:07:50 | 39.855 | -104.881 | 65.4 | 198.2 | 9999 | 250.2 | 19897 |
| 9 | 20:07:50 | 39.854 | -104.881 | 65.4 | 198.2 | 20:34:38 | 38.646 | -108.431 | 65.1 | 201.4 | 9999 | 247.0 | 19868 |
| 10 | 20:34:38 | 38.645 | -108.431 | 65.1 | 201.4 | 21:01:25 | 37.311 | -111.834 | 64.9 | 204.8 | 9999 | 245.6 | 19891 |
| 11 | 21:01:25 | 37.310 | -111.834 | 64.9 | 204.8 | 21:25:32 | 36.013 | -114.829 | 64.8 | 207.9 | 9003 | 244.0 | 20045 |
| 12 | 21:25:34 | 36.011 | -114.833 | 64.8 | 207.9 | 21:30:04 | 35.717 | -115.337 | 64.8 | 208.5 | 1684 | 238.9 | 20037 |

NUMBER OF FILES FOR THIS FLIGHT = 12
TOTAL NUMBER OF SCAN LINES = 110677
DATE THESE FILES WERE PROCESSED = 11-Feb-2004
DATE THIS LIST WAS CREATED = Wed Feb 11 15:09:49 PST 2004
GRANULE VERSION = 1

GLOBAL ATTRIBUTES

| Attribute Name | Description |
|------------------------|--|
| CreationDate | 11-Feb-2004 13:19:38 |
| AircraftPlatform | NASA ER-2 (806) |
| NavFormatCode | Format (A-2) |
| LocationCode | Inertial (INU) |
| AltitudeCode | Inertial (INU) |
| NavDataSource | ER2 navigation recorder |
| NavDataPath | /nav/2004/er2/04-627 |
| CalibrationName | A-TOST_103003_011204 |
| Reference | NCSA HDF Reference Manual, Version 4.1r4, 2000 |
| title | MODIS Airborne Simulator (MAS) Level-1B Data |
| ExperimentName | A-TOST |
| FlightNumber | 04-627 |
| FlightDate | 17 Dec 2003 |
| SiteLineRun | void |
| GeographicArea | Northeastern USA |
| SRF_FTP | ftp://asapdata.arc.nasa.gov/mas/srf/Nov_03/ |
| SRF_dataset | /rarray/calibrat/mas/srf/Nov_03/ |
| FlightLineNumber | 1 |
| TotalFlightLines | 12 |
| DataUsersGuideSource | http://mas.arc.nasa.gov/ |
| SoftwareVersion | Level-1b Version 10.2.3 UR |
| CalibrationVersion | Version 1.0 Calibration |
| data_set | MAS A-TOST |
| day_night_flag | D |
| granule_version | 1 |
| metadata_version | 1.0.0 |
| data_quality | Good |
| Other_Aircraft_Sensors | NAST-I, NAST-M, in situ O3, S-HIS, VIS |
| Principal_Investigator | Murray & Smith (LaRC) |
| Navigational_Precision | Single |
| lat_UL | 44.95765 |
| lon_UL | -72.30510 |
| lat_UR | 44.65225 |
| lon_UR | -72.30251 |
| lat_LL | 44.80683 |
| lon_LL | -76.65395 |
| lat_LR | 44.48564 |
| lon_LR | -76.60927 |
| begin_date | 20031217 163332 |
| end_date | 20031217 170018 |
| RunTime | 341,920 ms, or 34 ms/scanline |
| CompletionDate | 11-Feb-2004 13:28:03 |
| producer_granule_id | MASL1B_04627_01_20031217_1633_1700_V01.hdf |