

## FLIGHT SUMMARY REPORT

**Flight Number:** 04-609

**Calendar/Julian Date:** 24 October 2003 (297)

**Sensor Package:** MODIS/ASTER Airborne Simulator (MASTER)  
Cloud Physics Lidar (CPL)  
Video Imaging System (VIS)

**Area(s) Covered:** Death Valley, CA/Pacific Ocean (GLAS Validation)

**Investigator(s):** Spinhirne, NASA-GSFC

**Aircraft Number:** 809

### SENSOR DATA

**Accession #:** \_\_\_\_\_

**Sensor ID #:** 124 137 118

**Sensor Type:** MASTER CPL VIS

**Focal Length:** \_\_\_\_\_

**Film Type:** \_\_\_\_\_

**Filtration:** \_\_\_\_\_

**Spectral Band:** \_\_\_\_\_

**f-Stop:** \_\_\_\_\_

**Shutter Speed:** \_\_\_\_\_

**# of Frames:** \_\_\_\_\_

**% Overlap:** \_\_\_\_\_

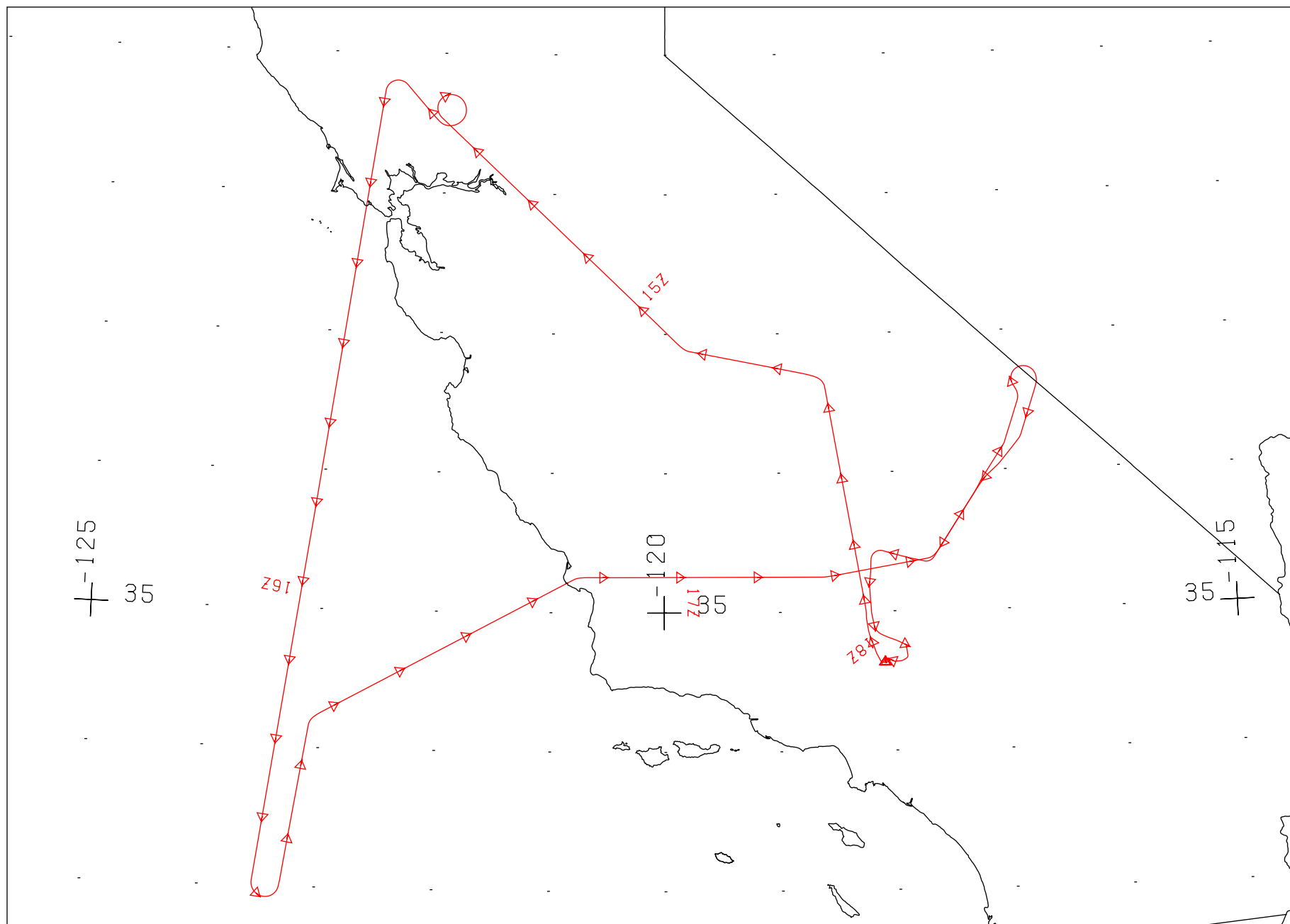
**Quality:** \_\_\_\_\_

**Remarks:**

MODIS/ASTER AIRBORNE SIMULATOR (MASTER) FLIGHT LINE INFORMATION FOR 24 Oct 2003  
NASA FLIGHT NUMBER 04-609-00

| FLTL | SITE | LINE | RUN | START OF FLIGHT LINE |            |            | END OF FLIGHT LINE |            |            | FLIGHT DATA   |              |       |             |                |
|------|------|------|-----|----------------------|------------|------------|--------------------|------------|------------|---------------|--------------|-------|-------------|----------------|
|      |      |      |     | TIME<br>HH:MM:SS     | LAT<br>DEG | LON<br>DEG | TIME<br>HH:MM:SS   | LAT<br>DEG | LON<br>DEG | SCAN<br>LINES | SOLAR<br>ZEN | AZIM  | HEAD<br>DEG | ALT<br>M (MSL) |
| 1    | 0    | 0    | 1   | 14:52:21             | 36.802     | -119.311   | 14:55:44           | 36.875     | -119.768   | 1260          | 83.1         | 110.2 | 283.54      | 19826          |
| 2    | 0    | 0    | 1   | 14:56:20             | 36.904     | -119.842   | 15:18:03           | 38.538     | -122.017   | 8116          | 82.0         | 111.6 | 313.07      | 19988          |
| 3    | 0    | 0    | 1   | 15:24:03             | 38.512     | -122.041   | 15:27:17           | 38.770     | -122.335   | 1206          | 79.9         | 113.9 | 319.66      | 19770          |
| 4    | 0    | 0    | 1   | 15:29:10             | 38.718     | -122.536   | 15:55:54           | 35.630     | -123.084   | 9999          | 76.7         | 116.1 | 187.12      | 19826          |
| 5    | 0    | 0    | 1   | 15:55:54             | 35.630     | -123.084   | 16:18:38           | 33.043     | -123.521   | 8506          | 71.3         | 119.3 | 188.12      | 20027          |
| 6    | 0    | 0    | 1   | 16:21:25             | 32.998     | -123.292   | 16:32:17           | 34.155     | -123.076   | 4068          | 67.4         | 122.7 | 10.53       | 20013          |
| 7    | 0    | 0    | 1   | 16:33:09             | 34.231     | -123.017   | 16:52:34           | 35.236     | -120.796   | 7268          | 64.5         | 127.3 | 56.90       | 20030          |
| 8    | 0    | 0    | 1   | 16:53:03             | 35.251     | -120.733   | 17:08:36           | 35.250     | -118.623   | 5825          | 60.6         | 133.2 | 85.54       | 20020          |
| 9    | 0    | 0    | 1   | 17:08:47             | 35.251     | -118.600   | 17:15:34           | 35.371     | -117.701   | 2544          | 58.1         | 137.2 | 81.00       | 20061          |
| 10   | 0    | 0    | 1   | 17:16:25             | 35.417     | -117.611   | 17:22:03           | 35.917     | -117.210   | 2115          | 57.1         | 139.8 | 32.14       | 20032          |
| 11   | 0    | 0    | 1   | 17:22:12             | 35.930     | -117.201   | 17:24:54           | 36.169     | -117.004   | 1012          | 56.6         | 141.3 | 33.32       | 19995          |
| 12   | 0    | 0    | 1   | 17:25:13             | 36.200     | -116.986   | 17:28:02           | 36.485     | -116.865   | 1053          | 56.4         | 142.4 | 17.85       | 20011          |
| 13   | 0    | 0    | 1   | 17:32:39             | 36.585     | -116.700   | 17:35:46           | 36.249     | -116.839   | 1165          | 55.5         | 144.5 | 198.14      | 20063          |
| 14   | 0    | 0    | 1   | 17:36:07             | 36.214     | -116.863   | 17:38:02           | 36.047     | -117.034   | 719           | 55.0         | 145.0 | 219.97      | 20200          |

NUMBER OF FILES FOR THIS FLIGHT = 14  
 TOTAL NUMBER OF SCAN LINES = 54856  
 DATE THESE FILES WERE PROCESSED = 22-Jan-2004  
 DATE THIS LIST WAS CREATED = Thu Jan 22 11:01:32 PST 2004  
 GRANULE VERSION = 1



FLIGHT 04-6009 / 04-609

24 OCTOBER 2003

A/C 806

MASTER / CPL / VIS

