

## FLIGHT SUMMARY REPORT

**Flight Number:** 04-954  
**Calendar/Julian Date:** 26 August 2004 (239)  
**Sensor Package:** Airborne Multi-angle SpectroRadiometer (AirMISR)  
MODIS Airborne Simulator (MAS)  
**Area(s) Covered:** Monterey Bay CA  
**Investigator(s):** Ryan (MBARI) **Aircraft Number:** 809

### SENSOR DATA

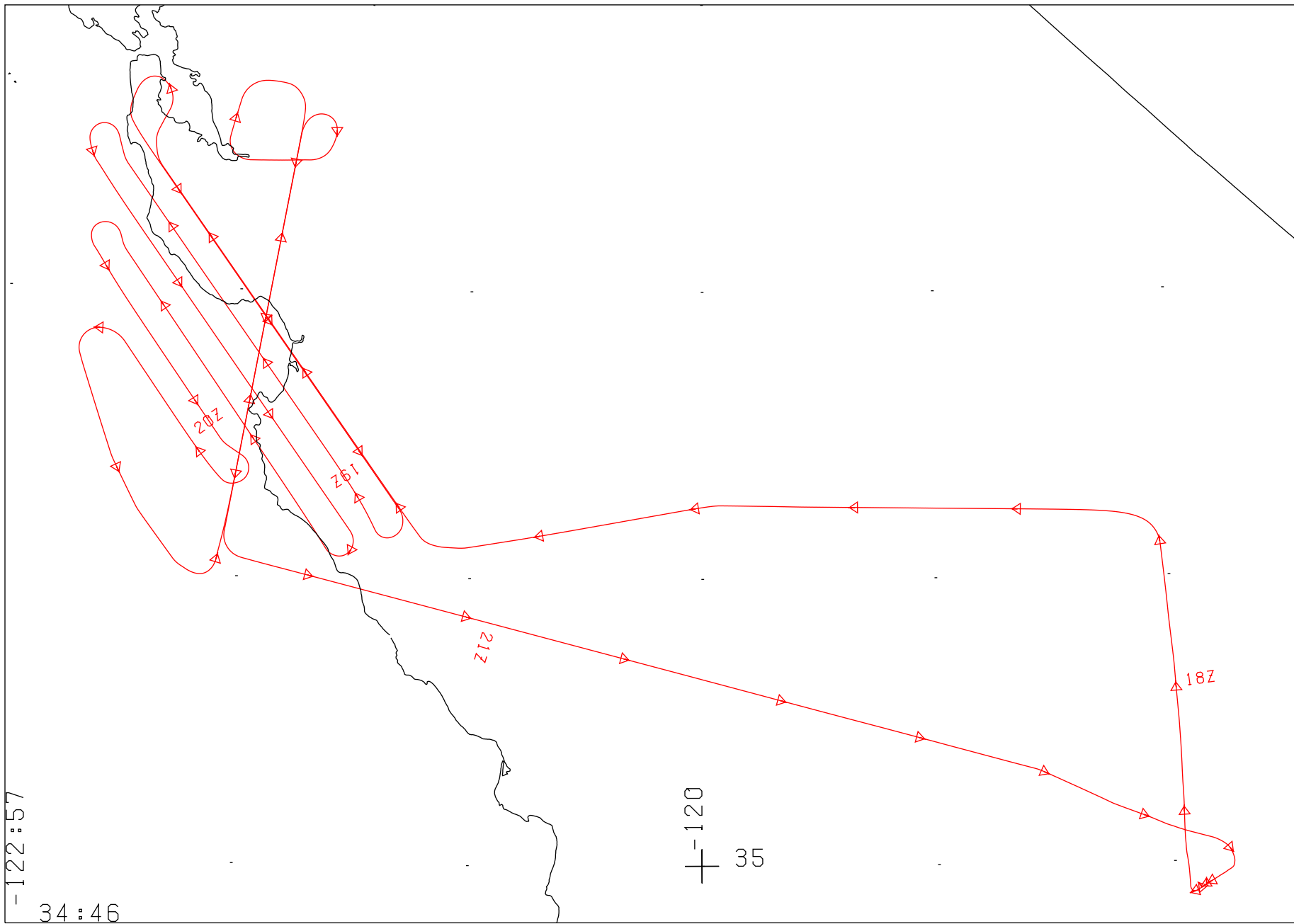
|                       |         |      |
|-----------------------|---------|------|
| <b>Accession #:</b>   | ___     | ___  |
| <b>Sensor ID #:</b>   | 120     | 108  |
| <b>Sensor Type:</b>   | AirMISR | MAS  |
| <b>Focal Length:</b>  | ___     | ___  |
| <b>Film Type:</b>     | ___     | ___  |
| <b>Filtration:</b>    | ___     | ___  |
| <b>Spectral Band:</b> | ___     | ___  |
| <b>f-Stop:</b>        | ___     | ___  |
| <b>Shutter Speed:</b> | ___     | ___  |
| <b># of Frames:</b>   | ___     | ___  |
| <b>% Overlap:</b>     | ___     | ___  |
| <b>Quality:</b>       | ___     | Good |

**Remarks:**

MODIS AIRBORNE SIMULATOR (MAS) FLIGHT LINE INFORMATION FOR 26 Aug 2004  
 NASA FLIGHT NUMBER 04-954

| START OF FLIGHT LINE |                  |            |            |       |       | END OF FLIGHT LINE |            |            |       |       | FLIGHT DATA   |             |                |
|----------------------|------------------|------------|------------|-------|-------|--------------------|------------|------------|-------|-------|---------------|-------------|----------------|
| FLTL                 | TIME<br>HH:MM:SS | LAT<br>DEG | LON<br>DEG | SOLAR |       | TIME<br>HH:MM:SS   | LAT<br>DEG | LON<br>DEG | SOLAR |       | SCAN<br>LINES | HEAD<br>DEG | ALT<br>M (MSL) |
|                      |                  |            |            | ZEN   | AZIM  |                    |            |            | ZEN   | AZIM  |               |             |                |
| 1                    | 18:09:43         | 36.235     | -118.609   | 35.6  | 130.7 | 18:19:06           | 36.256     | -119.915   | 34.9  | 132.1 | 3503          | 272.3       | 19023          |
| 2                    | 18:19:22         | 36.254     | -119.953   | 34.9  | 132.2 | 18:27:11           | 36.108     | -121.001   | 34.3  | 133.3 | 2918          | 262.7       | 19817          |
| 3                    | 18:28:48         | 36.146     | -121.211   | 34.2  | 133.6 | 18:42:23           | 37.421     | -122.347   | 33.9  | 138.2 | 5072          | 323.8       | 19713          |
| 4                    | 18:47:17         | 37.576     | -122.481   | 33.4  | 140.0 | 19:01:56           | 36.243     | -121.302   | 30.0  | 146.6 | 5469          | 150.8       | 19869          |
| 5                    | 19:03:40         | 36.169     | -121.402   | 29.8  | 147.1 | 19:16:58           | 37.426     | -122.496   | 30.0  | 152.3 | 4971          | 329.7       | 19804          |
| 6                    | 19:20:05         | 37.434     | -122.634   | 29.8  | 153.4 | 19:33:59           | 36.166     | -121.513   | 27.2  | 161.6 | 5195          | 147.2       | 19870          |
| 7                    | 19:35:36         | 36.101     | -121.615   | 27.1  | 162.2 | 19:46:37           | 37.124     | -122.494   | 27.7  | 166.6 | 4113          | 326.3       | 19858          |
| 8                    | 19:48:55         | 37.135     | -122.638   | 27.6  | 167.5 | 19:55:56           | 36.484     | -122.079   | 26.6  | 172.2 | 2618          | 147.8       | 19848          |
| 9                    | 19:58:32         | 36.340     | -122.074   | 26.4  | 173.6 | 20:03:37           | 36.807     | -122.494   | 26.8  | 175.6 | 1901          | 321.2       | 19759          |
| 10                   | 20:05:47         | 36.763     | -122.690   | 26.8  | 176.3 | 20:09:02           | 36.423     | -122.548   | 26.4  | 178.4 | 1219          | 163.8       | 19754          |
| 11                   | 20:14:37         | 36.068     | -122.081   | 26.0  | 182.6 | 20:27:44           | 37.541     | -121.744   | 27.8  | 190.1 | 4904          | 8.7         | 20014          |
| 12                   | 20:37:45         | 37.629     | -121.727   | 28.4  | 195.3 | 20:51:12           | 36.160     | -122.050   | 27.8  | 202.3 | 5029          | 190.6       | 19731          |
| 13                   | 20:52:22         | 36.063     | -121.967   | 27.8  | 203.1 | 21:02:51           | 35.767     | -120.538   | 29.0  | 211.1 | 3917          | 105.7       | 19634          |

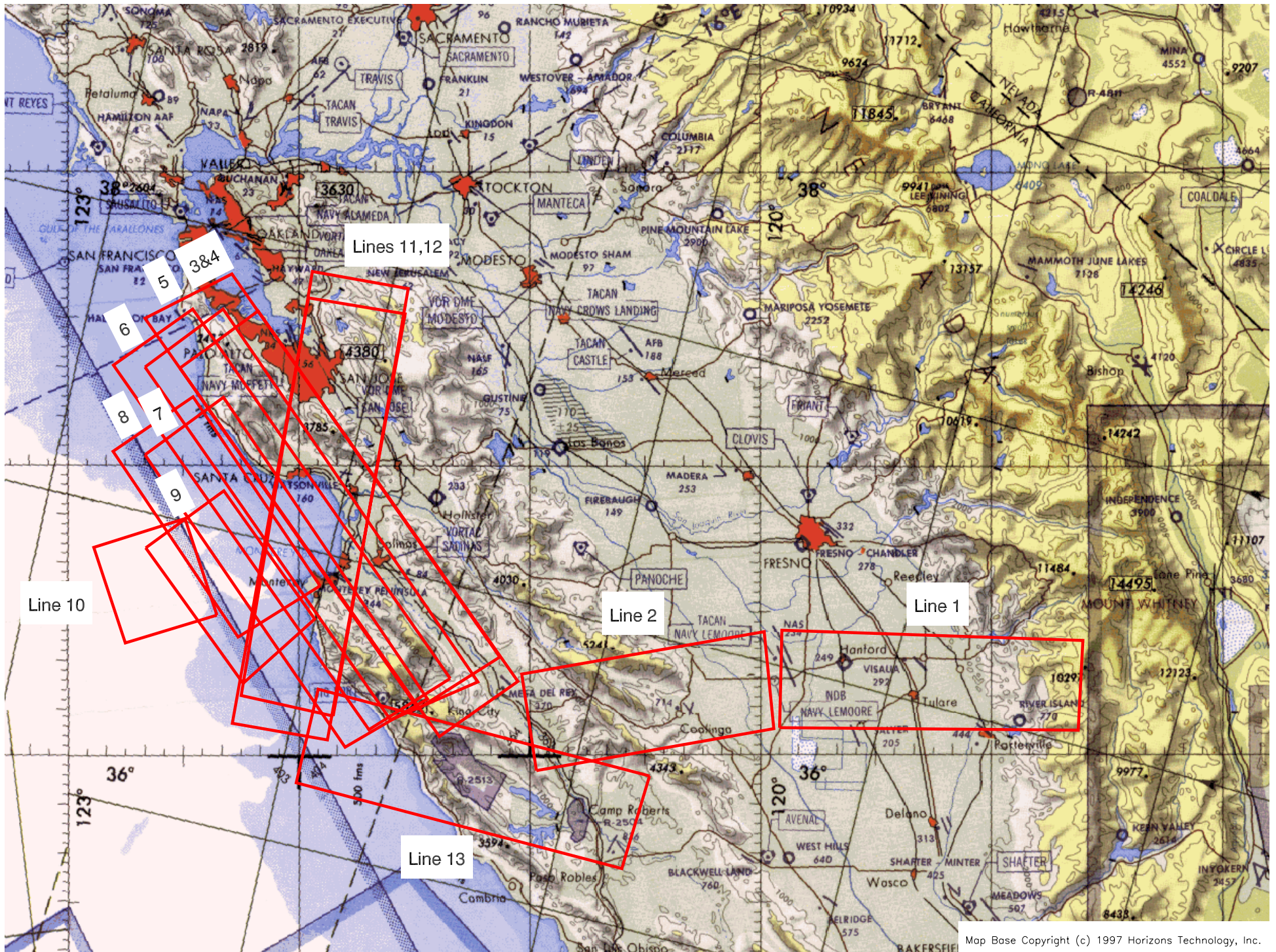
NUMBER OF FILES FOR THIS FLIGHT = 13  
 TOTAL NUMBER OF SCAN LINES = 50829  
 DATE THESE FILES WERE PROCESSED = 02-Dec-2004  
 DATE THIS LIST WAS CREATED = Thu Dec 2 17:06:58 PST 2004  
 GRANULE VERSION = 1



-122:57

34:46

+120  
35



Flight 04-954

26 August 2004

A/C 809

MAS-50