

## FLIGHT SUMMARY REPORT

**Flight Number:** 00-077  
**Calendar/Julian Date:** 4 April 2000 • 095  
**Sensor Package:** Dual Wild Heerbrugg RC-10  
Airborne Visible/Infrared  
Imaging Spectrometer (AVIRIS)  
MODIS Airborne Simulator (MAS)

**Area(s) Covered:** Lavic Lake, CA  
Mountain Pass, CA

**Investigator(s):** Green, JPL

**Aircraft #:** 806

### SENSOR DATA

<b>Accession #:</b>	05456	05457	----	----
<b>Sensor ID #:</b>	076	035	099	108
<b>Sensor Type:</b>	RC-10	RC-10	AVIRIS	MAS 50
<b>Focal Length:</b>	12" 304.89 mm	6" 153.46 mm	----	----
<b>Film Type:</b>	Aerochrome IR SO-134	Aerochrome MS EK 2448	----	----
<b>Filtration:</b>	Wratten 12	HF3 w/2.2 AV	----	----
<b>Spectral Band:</b>	510-900nm	420-700 nm	----	----
<b>f Stop:</b>	11	8	----	----
<b>Shutter Speed:</b>	1/300	1/275	----	----
<b># of Frames:</b>	43	24	----	----
<b>% Overlap:</b>	60	60	----	----
<b>Quality:</b>	Excellent	Excellent		
<b>Remarks:</b>	Subtract 1 second for correct UTC	Subtract 7 seconds for correct UTC		

CAMERA FLIGHT LINE DATA  
FLIGHT NO. 00-077

Accession # 05456

Sensor # 076

Check Points	Frame Numbers	Time (UTC-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	4773-4781	21:53:51	21:58:38	68400/20850	Clear
C - D	4782-4801	22:09:26	22:18:21	69200/21100	Clear, frames 4976-4801 oblique
E - C	4802-4815	22:20:50	22:26:49	69200/21100	Clear

CAMERA FLIGHT LINE DATA  
FLIGHT NO. 00-077

Accession # 05457

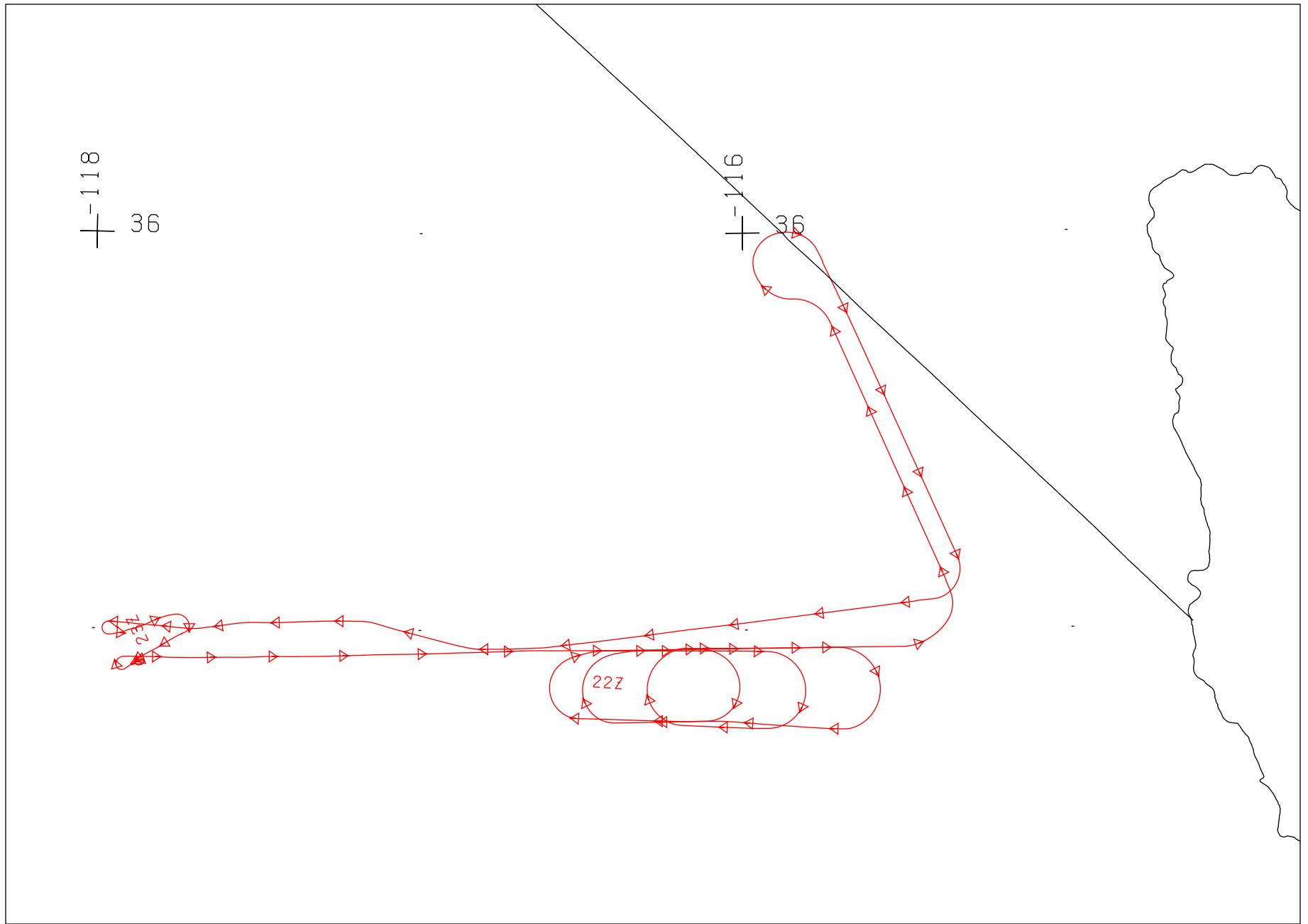
Sensor # 035

Check Points	Frame Numbers	Time (UTC-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	0979-0984	21:54:58	21:58:48	68500/20880	Clear
C - D	0985-0995	22:09:31	22:18:28	69200/21100	Clear, frames 0992, 0994 and 0995 oblique
E - C	0996-1002	22:20:55	22:26:25	69200/21100	Clear

MODIS AIRBORNE SIMULATOR (MAS) FLIGHT LINE INFORMATION FOR 04-APR-2000 FLIGHT 00-077

START OF FLIGHT LINE							END OF FLIGHT LINE					
LINE	TIME HH:MM:SS	LAT DEG	LON DEG	SOLAR ZEN AZIM		START HEADING	TIME HH:MM:SS	LAT DEG	LON DEG	SOLAR ZEN AZIM		SCAN LINES
1	21:56:34	34.770	-116.110	41.4	233.5	269.12	21:58:40	34.767	-116.389	41.6	233.8	786
2	22:01:34	34.949	-116.325	42.0	234.7	92.54	22:07:09	34.955	-115.524	43.5	237.1	2088
3	22:09:17	35.118	-115.382	44.3	237.6	335.99	22:15:39	35.769	-115.728	45.5	238.3	2381
4	22:20:06	35.949	-115.765	46.0	239.0	159.25	22:27:21	35.187	-115.350	47.2	241.8	2717

NUMBER OF FILES FOR THIS FLIGHT = 4  
 TOTAL NUMBER OF SCAN LINES = 7972  
 DATE THESE FILES WERE PROCESSED = 29-Jun-00  
 DATE THIS LIST WAS CREATED = 29-Jun-00  
 GRANULE VERSION = 9



FLIGHT 00-077

4 APRIL 2000

A/C 809

AVIRIS / RC-10 / MAS50

