FLIGHT SUMMARY REPORT

Flight Number: 04-945

Calendar/Julian Date: 6 August 2004(219)

Sensor Package: Wild-Heerbrugg RC-10
Airborne Multi-angle Imaging SpectroRadiometer (AirMISR)
Airborne Visible-Infrared Imaging Spectrometer (AVIRIS)
MODIS Airborne Simulator (MAS)

Area(s) Covered: Southern California

Investigator(s): Roberts, UC Santa Barbara **Aircraft Number:** 809

SENSOR DATA

Accession #:	05809	___	___	___
Sensor ID #:	076	099	120	108
Sensor Type:	RC-10	AVIRIS	AirMISR	MAS-50
Focal Length:	304.89 mm 12”	___	___	___
Film Type:	Aerochrome IR SO-134	___	___	___
Filtration:	Wratten 12	___	___	___
Spectral Band:	510-900 nm	___	___	___
f-Stop:	11	___	___	___
Shutter Speed:	1/375	___	___	___
# of Frames:	121	___	___	___
% Overlap:	60	___	___	___
Quality:	Fair	___	___	___
Remarks:	Over-exposed			

CAMERA FLIGHT LINE DATA
FLIGHT NO. 04-945

Accession # 05809

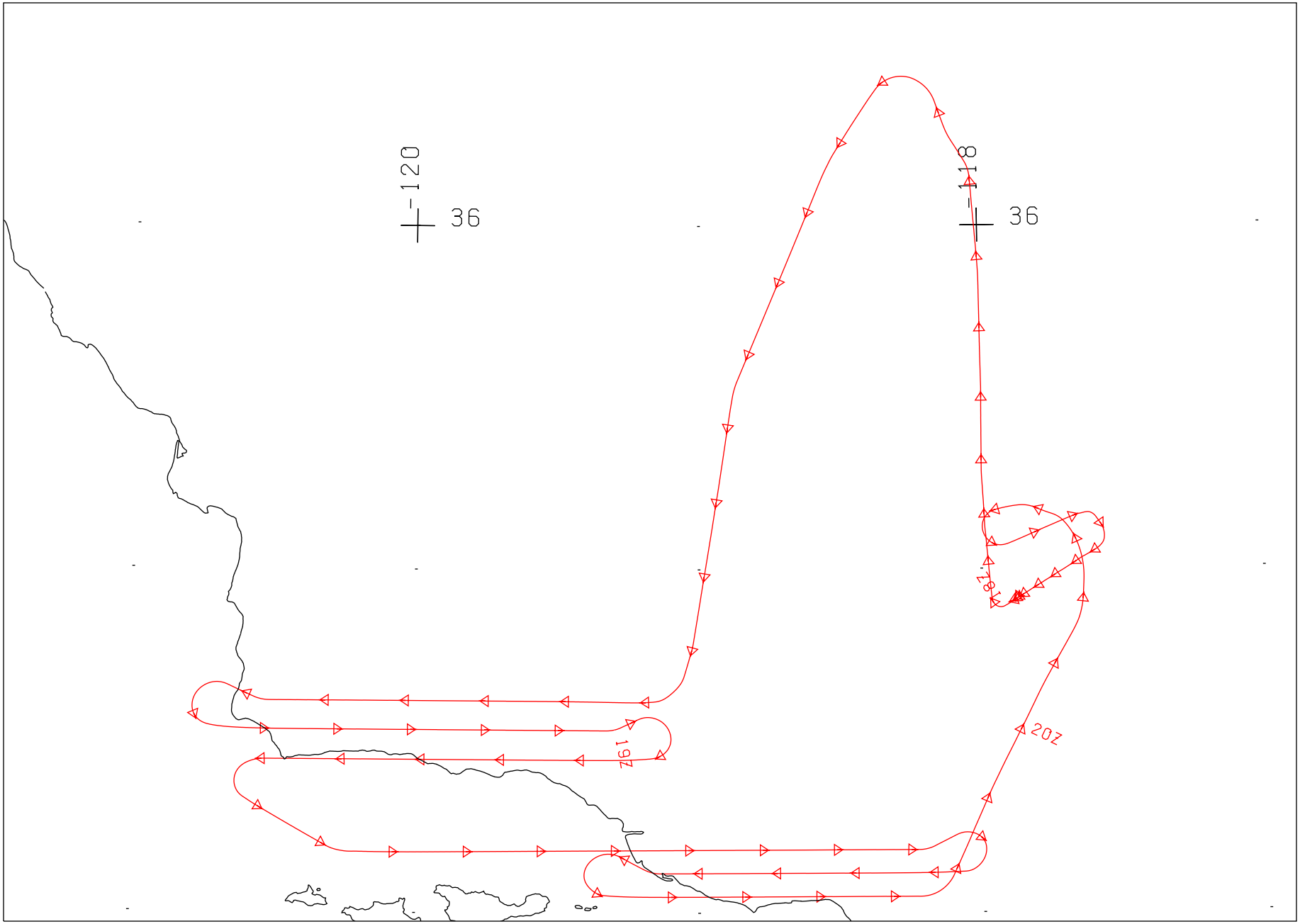
Sensor # 076

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	8425-8445	18:36:10	18:45:50	65300/19910	clear; (frame 8425 oblique)
C - D	8446-8468	18:48:47	18:59:24	65100/19850	10 - 80% coastal stratus frames 8446-8450; (frames8446-8447 oblique)
E - F	8469-8489	19:02:14	19:11:53	65200/19880	minor - 20% coastal stratus frames 8474-8480; (frames 8469-8470 oblique)
G - H	8490-8508	19:23:25	19:32:05	65200/19880	minor - 20% coastal stratus frames 8490-84950
I - J	8509-8526	19:34:59	19:43:01	65000/19820	10 - 50% coastal stratus frames 8522-8526; (frame 8509 oblique)
K - L	8527-8545	19:45:37	19:54:17	65000/19820	10 - 60% coastal stratus; (frames 8527-8528 oblique)

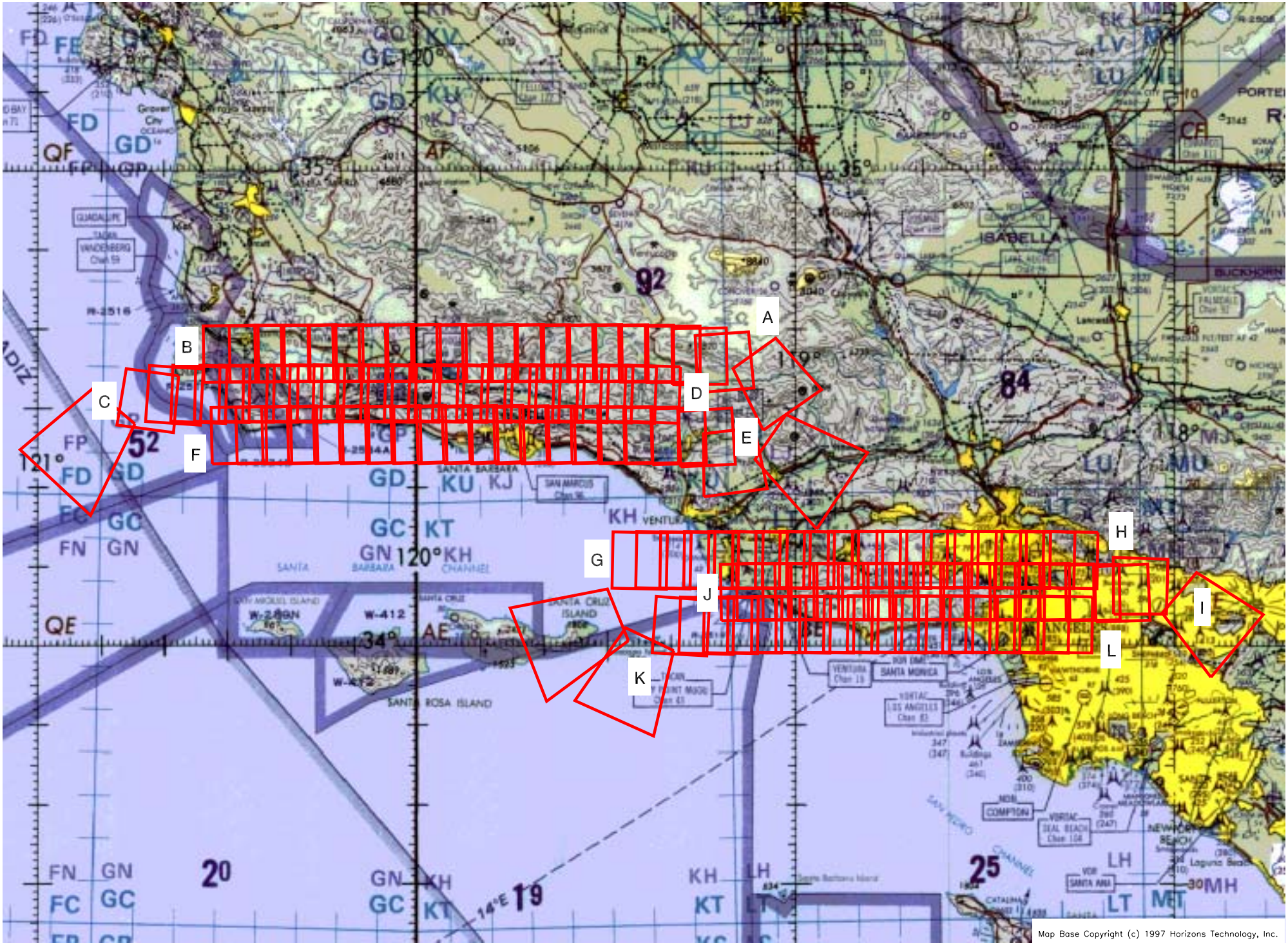
MODIS AIRBORNE SIMULATOR (MAS) FLIGHT LINE INFORMATION FOR 06 Aug 2004
NASA FLIGHT NUMBER 04-945

	START OF FLIGHT LINE					END OF FLIGHT LINE					FLIGHT DATA		
FLTL	TIME HH:MM:SS	LAT DEG	LON DEG	SOLAR ZEN	SOLAR AZIM	TIME HH:MM:SS	LAT DEG	LON DEG	SOLAR ZEN	SOLAR AZIM	SCAN LINES	HEAD DEG	ALT M (MSL)
1	18:22:48	36.039	-118.606	29.2	125.7	18:27:29	35.549	-118.859	28.3	126.3	1750	201.2	18731
2	18:27:56	35.501	-118.876	28.2	126.4	18:34:28	34.788	-119.015	26.8	127.6	2445	187.4	19621
3	18:36:29	34.614	-119.158	26.5	127.9	18:45:58	34.615	-120.506	25.8	129.6	3545	267.4	19864
4	18:49:13	34.538	-120.703	25.4	130.5	18:59:46	34.531	-119.326	23.0	137.9	3940	95.0	19880
5	19:02:44	34.450	-119.171	22.5	139.6	19:12:17	34.445	-120.524	21.9	141.8	3572	267.1	19834
6	19:13:53	34.332	-120.596	21.7	142.3	19:16:30	34.193	-120.306	21.1	144.2	976	120.6	19836
7	19:17:11	34.177	-120.220	21.0	144.8	19:32:24	34.182	-118.227	18.7	159.9	5682	91.5	19850
8	19:35:25	34.119	-118.067	18.4	162.4	19:43:04	34.115	-119.126	18.2	165.0	2855	269.4	19754
9	19:46:19	34.051	-119.325	18.0	166.8	19:54:43	34.046	-118.223	17.7	176.7	3144	92.2	19758

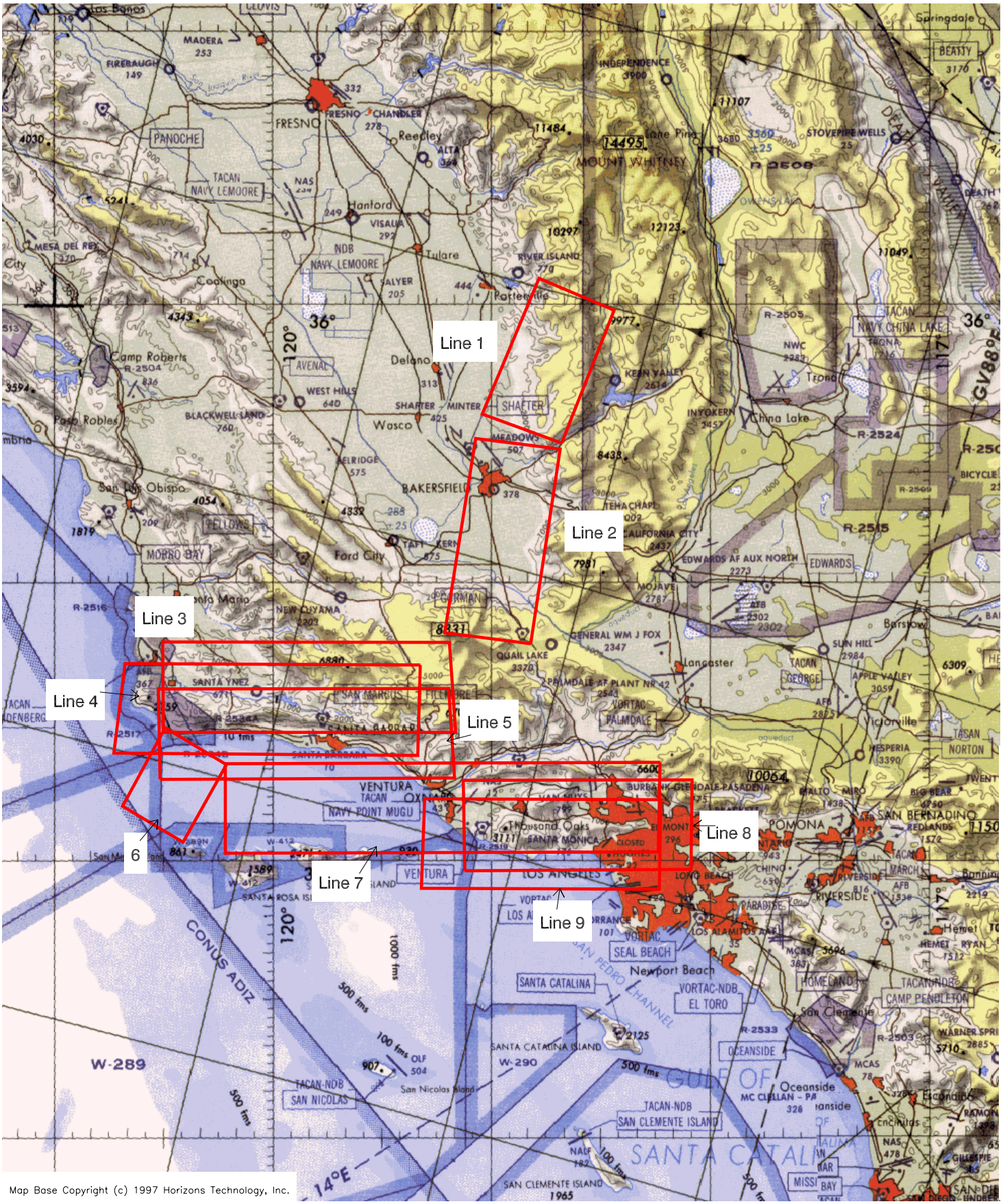
NUMBER OF FILES FOR THIS FLIGHT = 9
TOTAL NUMBER OF SCAN LINES = 27909
DATE THESE FILES WERE PROCESSED = 30-Nov-2004
DATE THIS LIST WAS CREATED = Wed Dec 1 13:52:16 PST 2004
GRANULE VERSION = 1



FLIGHT 04-945 6 AUGUST 2004 A/C 809 AVIRIS / MAS / AIRMISR / RC-10



Flight 04-945 6 August 2004 A/C 809 RC-10



MAS50

A/C 809

6 August 2004

Flight 04-945