FLIGHT SUMMARY REPORT

Flight Number: 01-001

Calendar/Julian Date: 06 October 2000 • 280

Sensor Package: Wild Heerbrugg RC-10
Modis Airborne Simulator (MAS)
Airborne Visible Infrared Imaging Spectrometer (AVIRIS)

Area(s) Covered: Mono Lake/Yuba City/Kennedy Meadows

Investigator(s): Wan, UC Santa Barbara **Aircraft #:** 806

SENSOR DATA

Accession #:	05538	-----	-----
Sensor ID #:	026	108	099
Sensor Type:	RC-10	MAS50	AVIRIS
Focal Length:	12” 304.97 mm	-----	-----
Film Type:	Aerochrome IR SO-134	-----	-----
Filtration:	Wratten 12	-----	-----
Spectral Band:	510-900nm	-----	-----
f Stop:	11	-----	-----
Shutter Speed:	1/325	-----	-----
# of Frames:	130	-----	-----
% Overlap:	60	-----	-----
Quality:	Excellent		
Remarks:	Subtract 39 seconds for correct UTC		

CAMERA FLIGHT LINE DATA
FLIGHT NO. 01-001

Accession # 05538

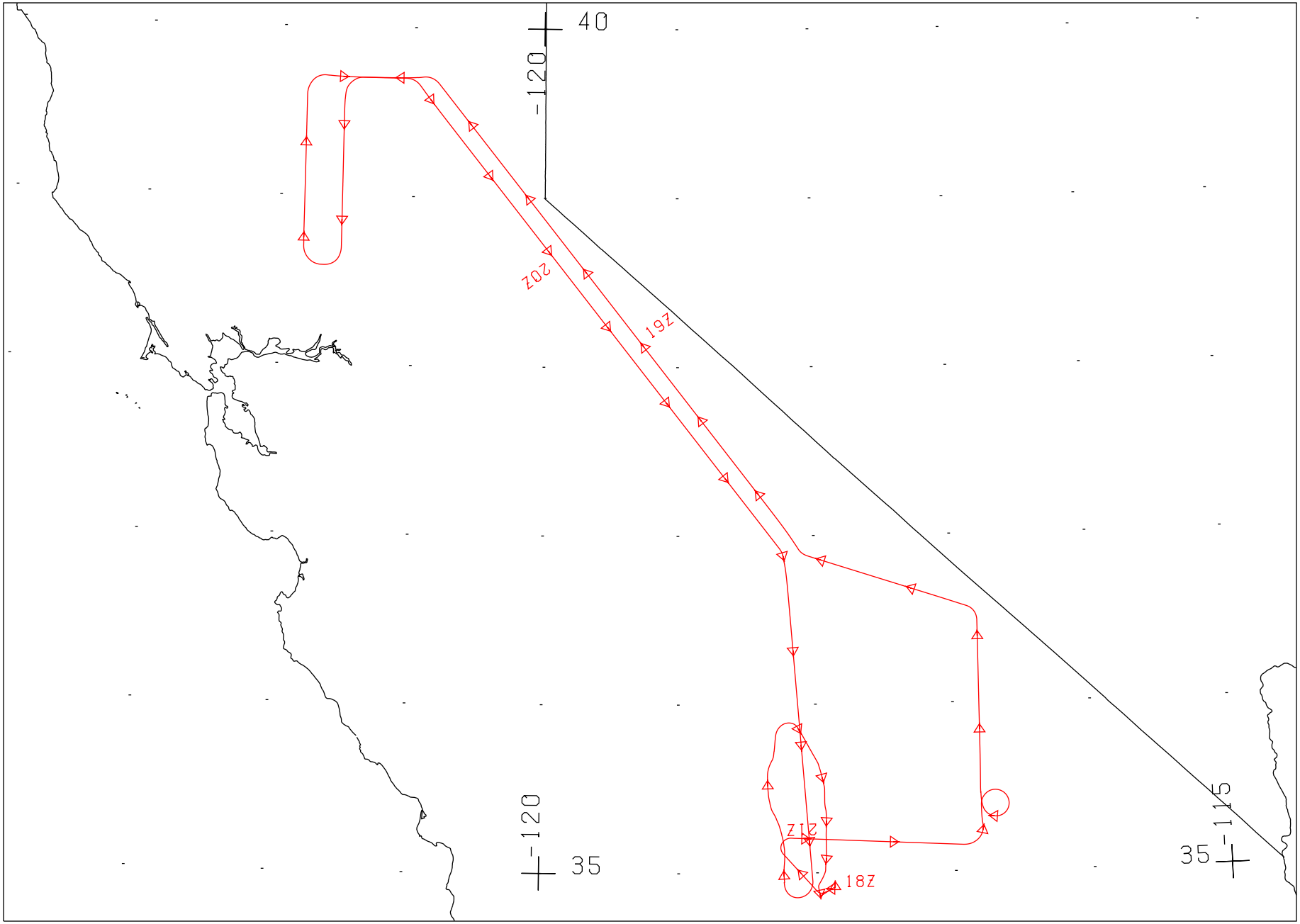
Sensor # 026

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	4787-4805	18:27:41	18:36:19	65100/19850	Clear; processing residue, frame 4805
C - D	4806-4871	18:47:25	19:18:04	68800/20980	10% cumulus, frames 4806-4807, 4812-4813 and 4869-4870
E - F	4872-4881	19:38:17	19:42:27	69200/21100	10% smoke, frames 4878-4880
G - H	4882-4916	20:21:46	20:37:05	70000/21340	10% cumulus, frames 4884-4888; 10-20% cumulus, frames 4890-4901; 10-30% cumulus, frames 4909-4912; processing residue frames 4911-4912

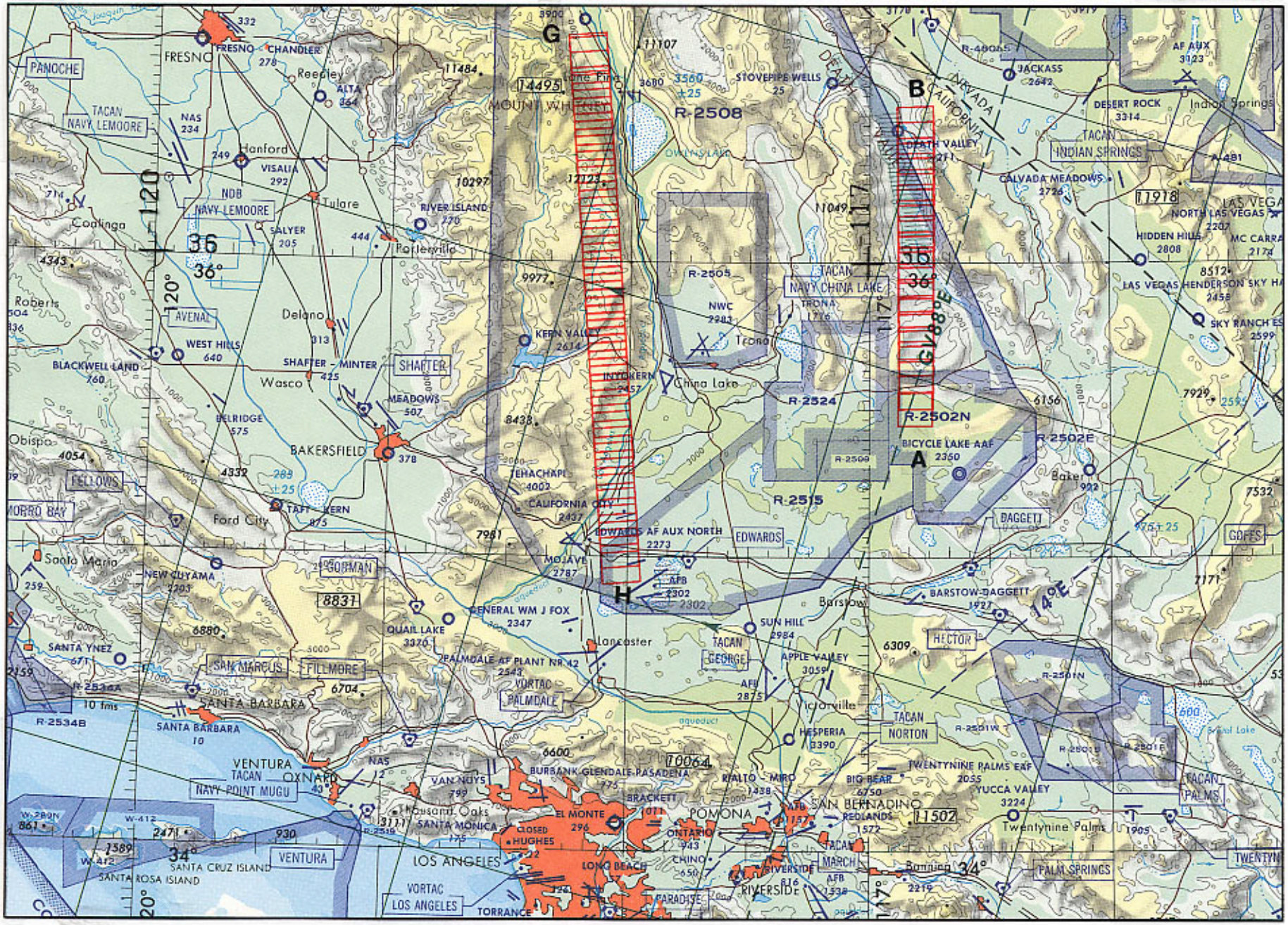
MODIS AIRBORNE SIMULATOR (MAS) FLIGHT LINE INFORMATION FOR 06-OCT-2000 FLIGHT 01-001

	START OF FLIGHT LINE						END OF FLIGHT LINE					
LINE	TIME HH:MM:SS	LAT DEG	LON DEG	SOLAR ZEN	SOLAR AZIM	START HEADING	TIME HH:MM:SS	LAT DEG	LON DEG	SOLAR ZEN	SOLAR AZIM	SCAN LINES
1	18:26:30	35.454	-116.799	43.9	155.4	357.25	18:35:43	36.478	-116.798	44.1	159.0	3441
2	18:36:49	36.570	-116.877	44.3	159.1	286.65	18:45:32	36.876	-118.023	44.3	160.7	3255
3	18:46:18	36.925	-118.106	44.2	161.0	329.96	19:02:19	38.340	-119.456	45.0	165.0	5979
4	19:02:22	38.344	-119.461	45.0	165.0	321.73	19:17:31	39.664	-120.800	45.9	168.7	5655
5	19:18:52	39.705	-120.975	46.0	168.7	266.37	19:21:42	39.701	-121.382	45.9	169.1	1058
6	19:23:31	39.561	-121.525	45.6	169.3	182.99	19:31:06	38.700	-121.527	44.5	171.8	2836
7	19:34:19	38.701	-121.812	44.4	173.0	0.25	19:42:11	39.591	-121.813	45.2	175.9	2936
8	19:43:59	39.708	-121.643	45.1	176.5	95.03	19:47:52	39.700	-121.066	45.1	178.7	1450
9	19:48:49	39.652	-120.945	45.1	178.9	144.07	20:03:58	38.297	-119.573	43.9	186.3	5654
10	20:03:59	38.295	-119.571	43.9	186.4	142.10	20:19:06	36.927	-118.245	43.3	193.9	5642
11	20:20:12	36.809	-118.200	43.3	194.3	172.12	20:36:32	34.958	-118.025	42.6	201.0	6101

NUMBER OF FILES FOR THIS FLIGHT = 11
TOTAL NUMBER OF SCAN LINES = 44007
DATE THESE FILES WERE PROCESSED = 02-Feb-01
DATE THIS LIST WAS CREATED = 06-Feb-01
GRANULE VERSION = 9



FLIGHT 01-001 6 OCTOBER 2000 A/C 806 MAS50 / AVIRIS / RC-10



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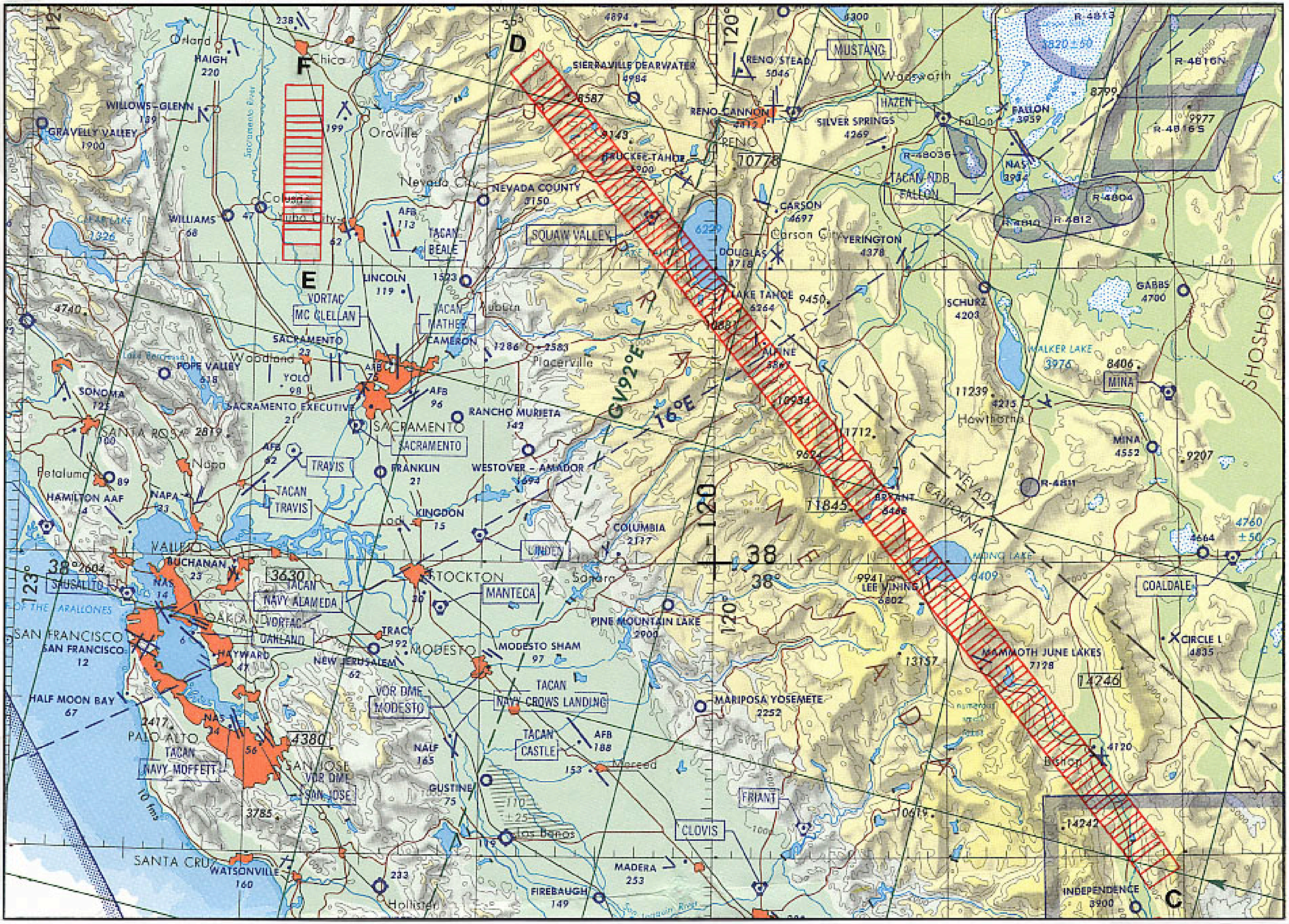

FLIGHT 01-001 6 OCTOBER 2000 A/C 806 RC-10 JNC-43