

## FLIGHT SUMMARY REPORT

**Flight Number:** 02-929  
**Calendar/Julian Date:** 2 April 2002 • 092  
**Sensor Package:** Wild-Heerbrugg RC-10  
**Area(s) Covered:** Northern California/ Southern Oregon  
**Investigator(s):** Functional Check Flight      **Aircraft #:** 809

### SENSOR DATA

**Accession #:** 05676  
**Sensor ID #:** 034  
**Sensor Type:** RC-10  
**Focal Length:** 12"  
304.66 mm  
**Film Type:** Aerochrome IR  
SO-134  
**Filtration:** Wratten 12  
**Spectral Band:** 510-900nm  
**f Stop:** Variable (f8/f11)  
**Shutter Speed:** 1/325  
**# of Frames:** 69  
**% Overlap:** 60  
**Quality:** Excellent  
**Remarks:** Variable exposure  
test flight

**CAMERA FLIGHT LINE DATA**  
**FLIGHT NO. 02-929**

Accession # 05676

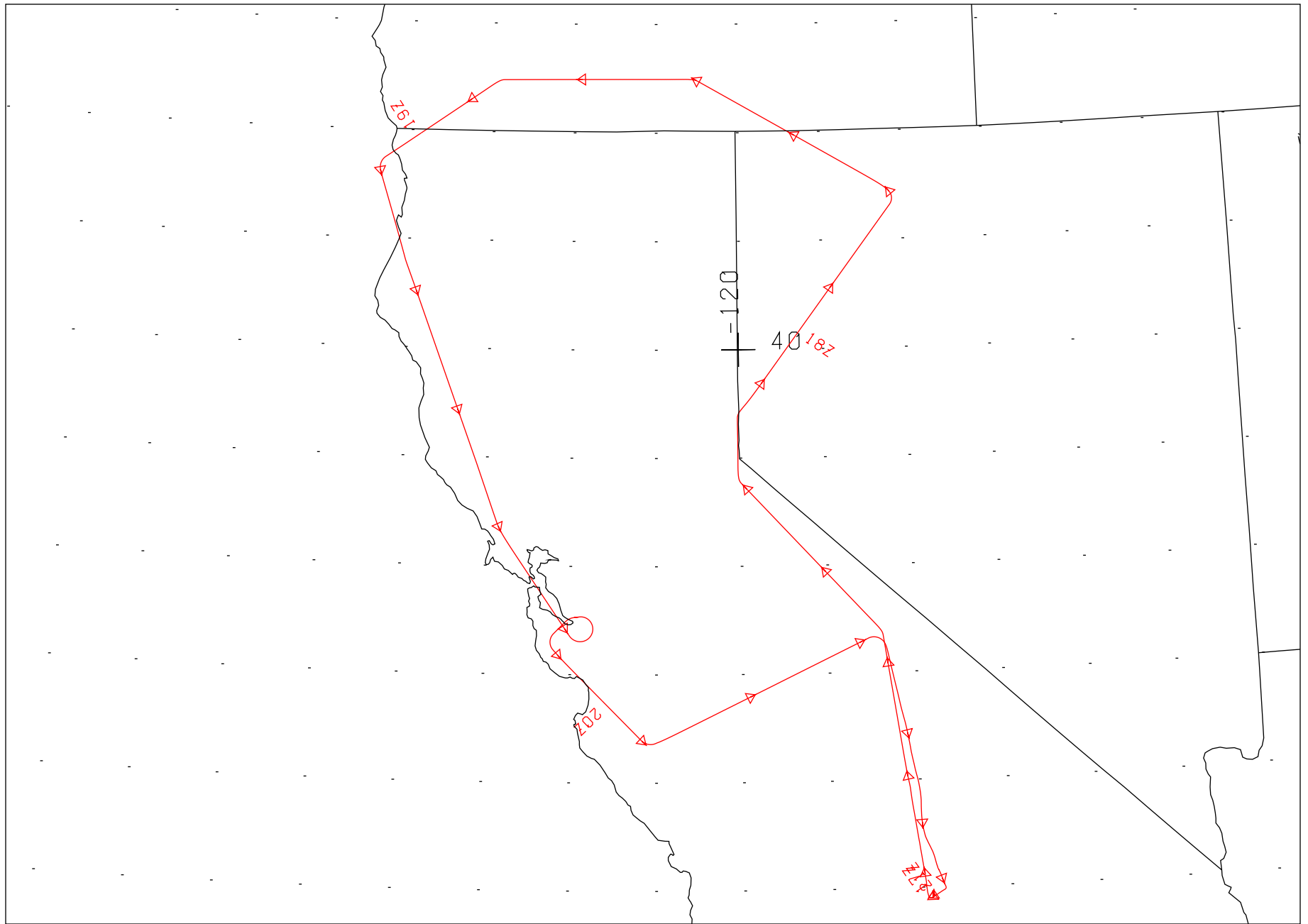
Sensor # 034

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	8667-8678	17:30:33	17:35:45	65600/20000	Clear; exposure change, frame 8672, from f/8 to f/11
C - D	8679-8688	17:46:53	17:51:06	65300/19910	Clear
E - F	8689-8711	19:35:19	19:45:01	66200/20180	50-100% cumulus, frames 8689-8694; 10-30% cumulus, frames 8695-8698 and 8703-8707; 50-80% cumulus, frames 8699-8702; 10-50% cumulus, frames 8708-8711; static, frame 8711
G - H	8712-8735	19:54:12	20:04:22	65300/19910	10-40% cumulus, frames 8712-8714 and 8732-8735; 50-100% cumulus, frames 8715-8731; light strike, frame 8735

MODIS AIRBORNE SIMULATOR (MAS) FLIGHT LINE INFORMATION FOR 29 Mar 2002  
 NASA FLIGHT NUMBER 02-929

START OF FLIGHT LINE						END OF FLIGHT LINE					FLIGHT DATA		
LINE	TIME HH:MM:SS	LAT DEG	LON DEG	SOLAR ZEN AZIM		TIME HH:MM:SS	LAT DEG	LON DEG	SOLAR ZEN AZIM		SCAN LINES	HEAD DEG	ALT M (GPS)
1	17:23:23	36.910	-118.283	48.9	124.0	17:27:25	37.338	-118.360	48.5	125.2	1507	351.9	19628
2	17:28:01	37.396	-118.392	48.1	125.1	17:45:36	38.763	-119.978	47.1	129.1	6570	320.9	19965
3	17:46:18	38.829	-120.014	47.1	129.3	17:51:20	39.364	-120.020	46.7	131.0	1878	355.0	19950
4	17:52:02	39.434	-119.987	46.6	131.3	18:13:37	41.310	-118.136	44.2	141.2	8066	35.2	19813
5	18:15:10	41.454	-118.160	44.1	141.8	18:34:45	42.477	-120.467	43.8	145.8	7319	308.0	19767
6	18:35:15	42.491	-120.534	43.8	145.8	18:51:35	42.481	-122.860	43.1	148.2	6104	276.1	19849
7	18:52:11	42.462	-122.943	43.0	148.2	19:03:32	41.748	-124.303	41.8	149.9	4242	242.0	19934
8	19:04:55	41.611	-124.363	41.6	150.2	19:12:09	40.814	-124.031	40.1	152.8	2707	166.5	19969
9	19:12:10	40.812	-124.030	40.1	152.8	19:38:55	37.965	-122.515	35.2	164.3	9999	157.5	20080
10	19:38:55	37.965	-122.515	35.5	164.3	19:45:27	37.360	-121.995	34.5	167.8	2441	148.8	20169
11	19:54:06	37.231	-122.185	34.1	171.2	20:04:36	36.395	-121.161	33.0	177.7	3923	138.3	19891
12	20:05:55	36.367	-120.994	33.0	178.6	20:25:24	37.313	-118.535	34.4	191.6	7282	65.0	19939

NUMBER OF FILES FOR THIS FLIGHT = 12  
 TOTAL NUMBER OF SCAN LINES = 62038  
 DATE THESE FILES WERE PROCESSED = 18-May-2002  
 DATE THIS LIST WAS CREATED = Mon May 20 10:15:10 PDT 2002  
 GRANULE VERSION = 1

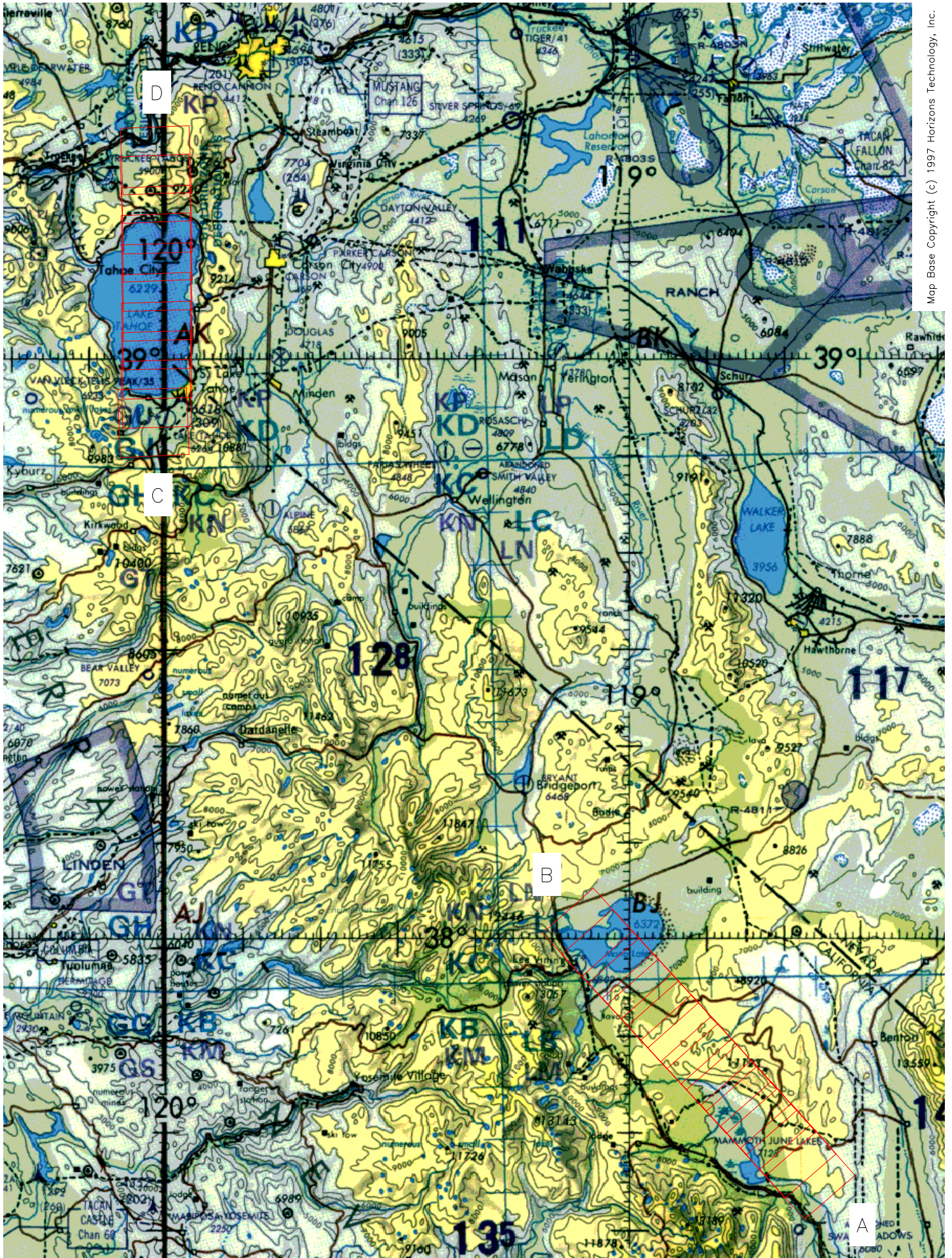


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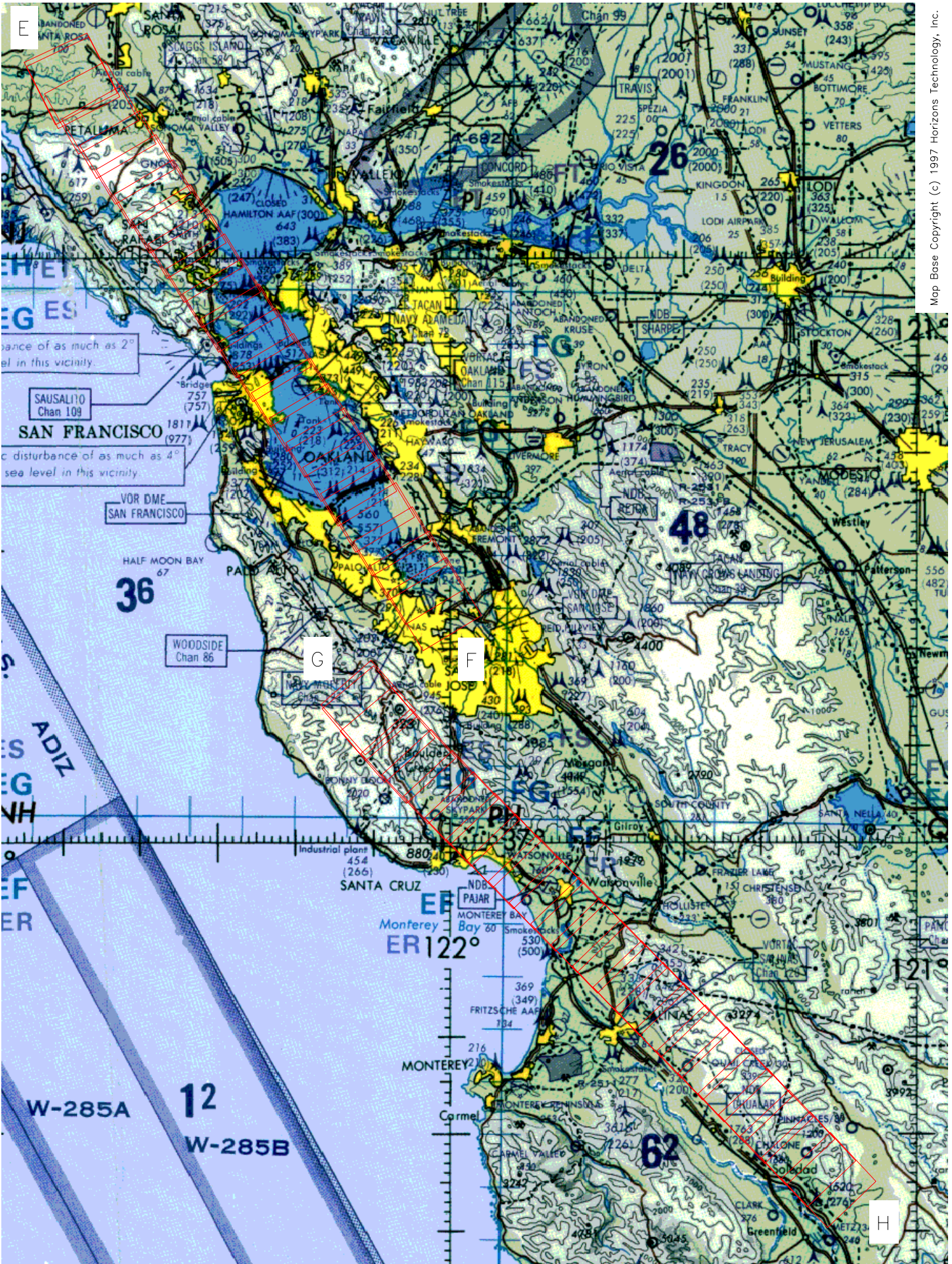
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