

## FLIGHT SUMMARY REPORT

**Flight Number:** 02-920  
**Calendar/Julian Date:** 14 November 2001 • 318  
**Sensor Package:** Wild-Heerbrugg RC-10  
MODIS/ASTER Airborne Simulator (MASTER)  
Airborne Visible/Infrared Imaging Spectrometer  
(AVIRIS)  
**Area(s) Covered:** S. California, Mono Lake, Rogers Lake  
**Investigator(s):** Lee, CSU at Long Beach; **Aircraft #:** 809  
Wan, UCSB; Green, JPL

### SENSOR DATA

<b>Accession #:</b>	05671	-----	-----
<b>Sensor ID #:</b>	034	124	099
<b>Sensor Type:</b>	RC-10	MASTER	AVIRIS
<b>Focal Length:</b>	12" 304.66 mm	-----	-----
<b>Film Type:</b>	Aerochrome IR SO-134	-----	-----
<b>Filtration:</b>	Wratten 12	-----	-----
<b>Spectral Band:</b>	510-900nm	-----	-----
<b>f Stop:</b>	11	-----	-----
<b>Shutter Speed:</b>	1/250	-----	-----
<b># of Frames:</b>	130	-----	-----
<b>% Overlap:</b>	60%	-----	-----
<b>Quality:</b>	Excellent	-----	-----
<b>Remarks:</b>	Subtract 17 seconds for correct UTC		

**CAMERA FLIGHT LINE DATA**  
**FLIGHT NO. 02-920**

Accession # 05671

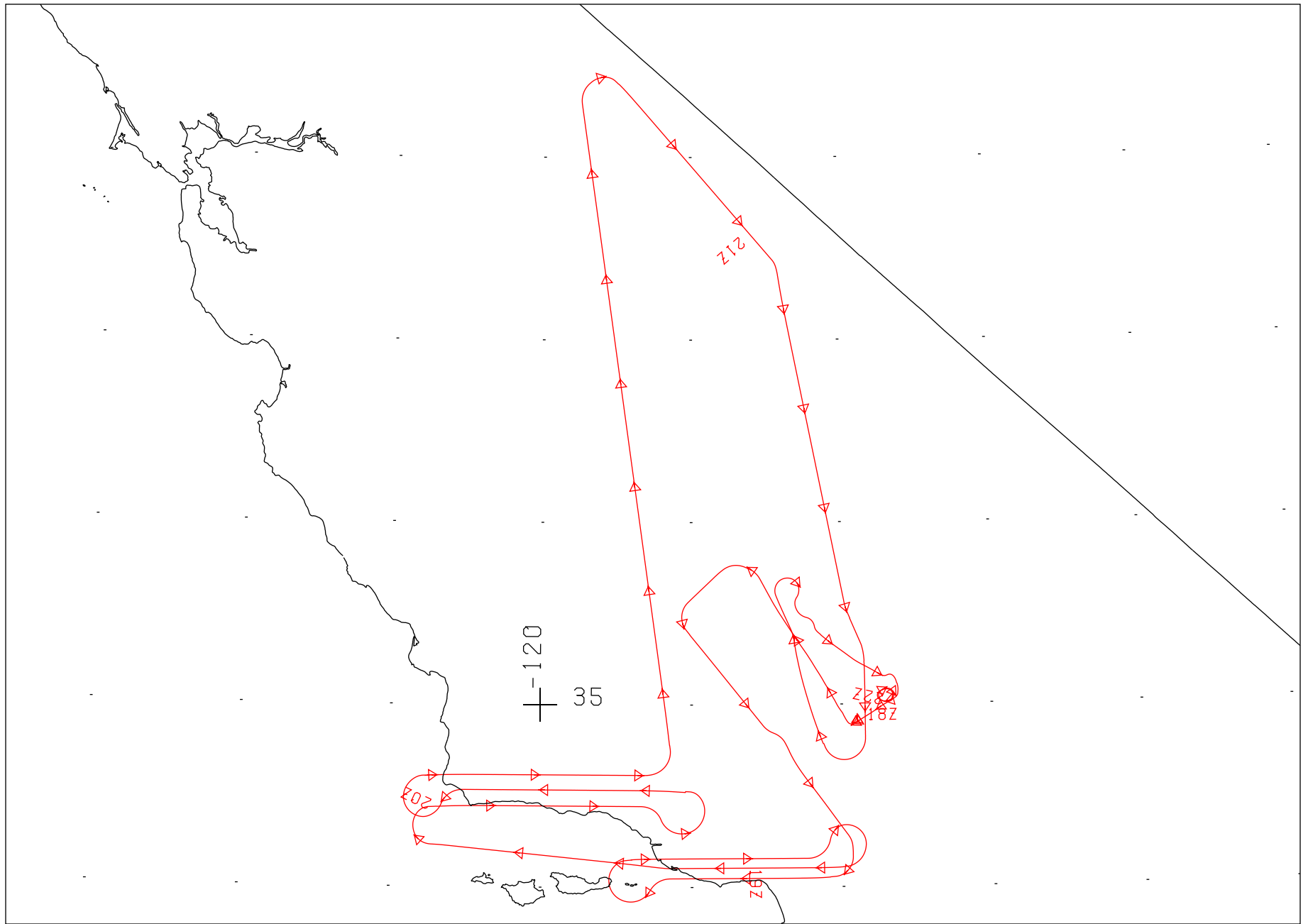
Sensor # 034

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	8496-8511	18:41:31	18:48:40	65200/19880	Clear
C - D	8512-8528	18:55:05	19:02:41	65700/20030	Clear
E - F	8529-8545	19:09:18	19:16:52	65900/20090	Clear
G	8546-8548	19:32:17	19:32:50	65500/19970	Clear
H - I	8549-8562	19:35:59	19:41:42	65800/20060	Clear
J - K	8563-8582	19:48:38	19:57:10	65900/20090	Clear
L - M	8583-8601	20:07:03	20:15:05	66300/20210	Clear
N - O	8602-8617	20:50:40	20:57:16	67400/20550	10-30% cumulus, frames 8602-8604
P - Q	8618-8625	21:22:52	21:25:44	67800/20670	Clear

MODIS/ASTER AIRBORNE SIMULATOR (MASTER) FLIGHT LINE INFORMATION FOR 14 Nov 2001  
 NASA FLIGHT NUMBER 02-920-00

FILE	SITE	LINE	RUN	START OF FLIGHT LINE			END OF FLIGHT LINE			FLIGHT DATA				
				TIME HH:MM:SS	LAT DEG	LON DEG	TIME HH:MM:SS	LAT DEG	LON DEG	SCAN LINES	SOLAR ZEN AZIM		HEAD DEG	ALT M (GPS)
1	0	0	1	18:25:21	35.407	-119.023	18:31:16	34.888	-118.518	2217	106.0	258.7	143.60	18673
2	0	0	1	18:32:47	34.777	-118.361	18:38:00	34.283	-117.958	1956	107.3	259.4	150.82	19379
3	0	0	1	18:40:33	34.056	-118.042	18:48:31	34.047	-119.130	2988	109.1	260.5	268.63	19849
4	0	0	1	18:53:52	34.147	-119.433	19:02:45	34.156	-118.227	3328	112.0	262.1	89.47	19979
5	0	0	1	19:08:29	34.110	-117.965	19:17:17	34.104	-119.137	3292	115.1	263.9	267.76	20063
6	0	0	1	19:17:22	34.104	-119.149	19:29:02	34.230	-120.712	4368	117.2	265.3	272.74	20149
7	0	0	1	19:31:47	34.435	-120.730	19:41:57	34.444	-119.334	3808	120.0	267.2	91.28	20033
8	0	0	1	19:47:33	34.525	-119.009	19:58:37	34.532	-120.507	4143	123.4	269.5	270.89	20085
9	0	0	1	20:04:10	34.607	-120.770	20:14:54	34.614	-119.302	4021	126.8	271.9	90.27	20138
10	0	0	1	20:16:55	34.762	-119.135	20:43:38	37.808	-119.651	9999	130.8	276.7	351.08	20347
11	0	0	1	20:43:38	37.809	-119.651	20:47:47	38.288	-119.737	1554	133.6	280.9	351.58	20518
12	0	0	1	20:50:14	38.416	-119.506	21:01:53	37.440	-118.435	4358	135.6	282.7	139.25	20502
13	0	0	1	21:02:26	37.385	-118.402	21:19:16	35.541	-117.963	6303	138.9	284.2	168.01	20628
14	0	0	1	21:21:44	35.282	-117.844	21:25:51	34.818	-117.836	1542	141.8	285.2	176.72	20638

NUMBER OF FILES FOR THIS FLIGHT = 14  
 TOTAL NUMBER OF SCAN LINES = 53877  
 DATE THESE FILES WERE PROCESSED = 17-Apr-2002  
 DATE THIS LIST WAS CREATED = Wed Apr 17 14:54:13 PDT 2002  
 GRANULE VERSION = 1

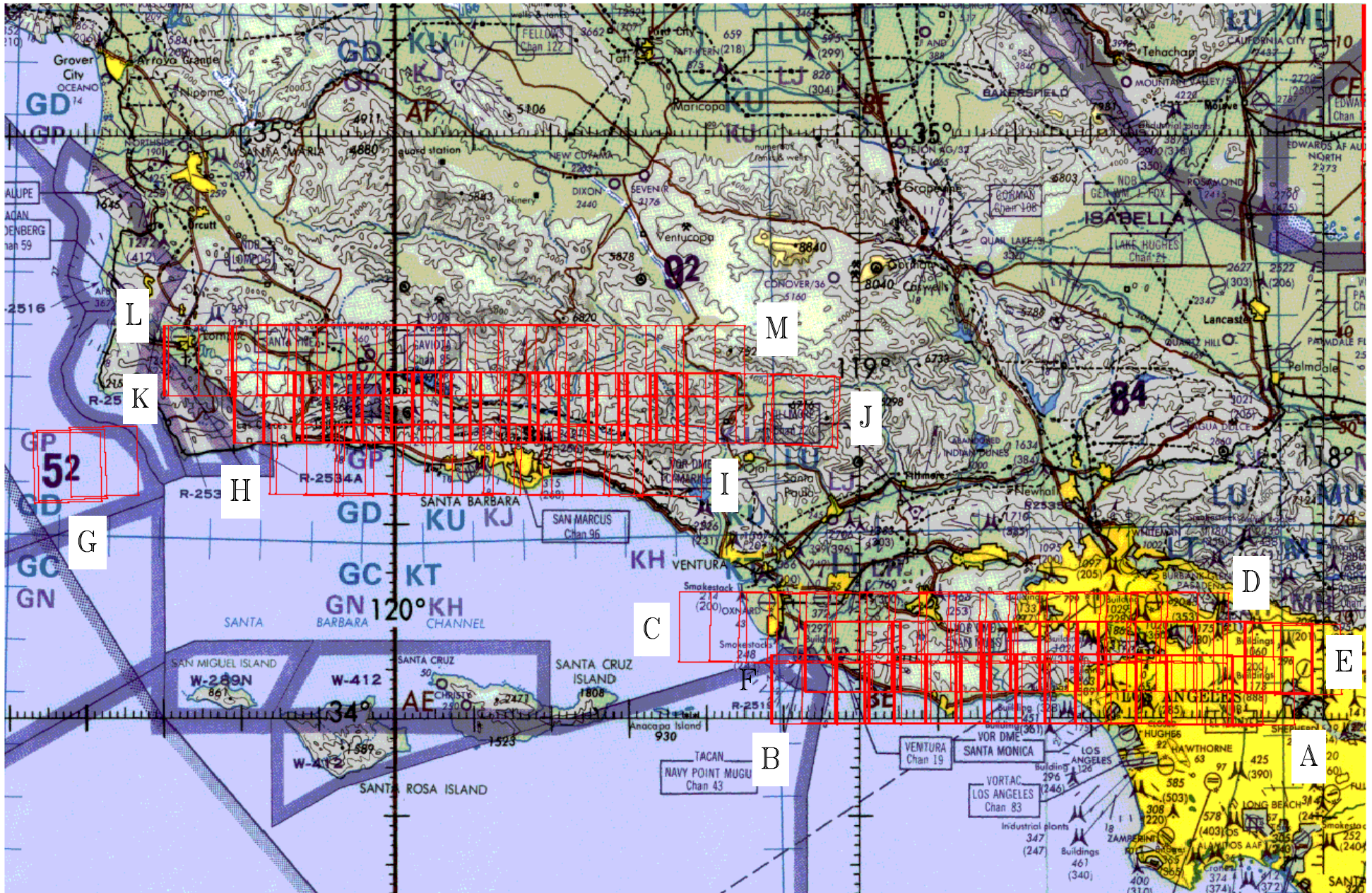


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14 NOVEMBER 2001

A/C 809

RC-10 / AVIRIS / MASTER

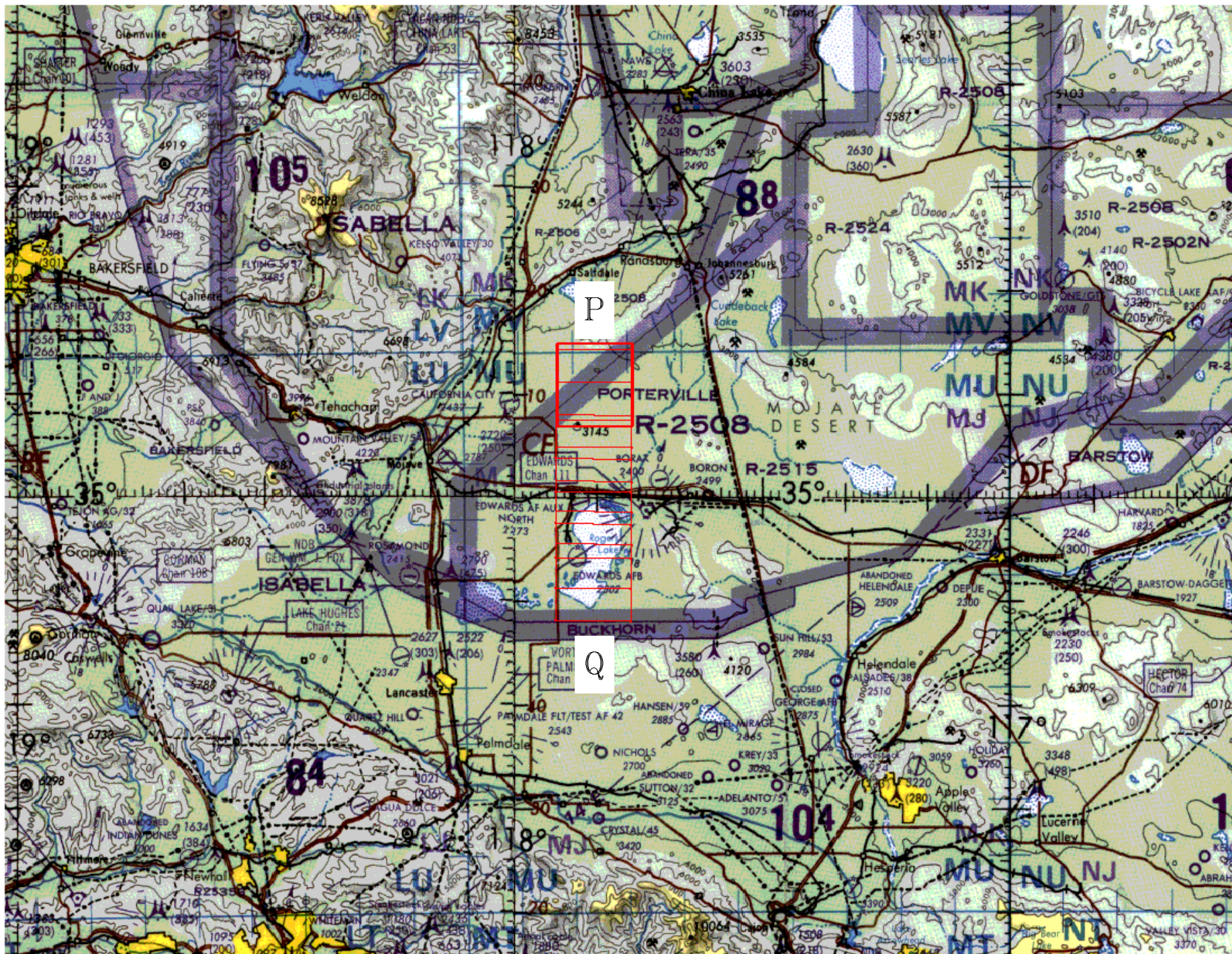


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