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; Wan, UCSB; Green, JPL	**Aircraft #:**	809

SENSOR DATA

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

CAMERA FLIGHT LINE DATA
FLIGHT NO. 02-920

Accession # 05671

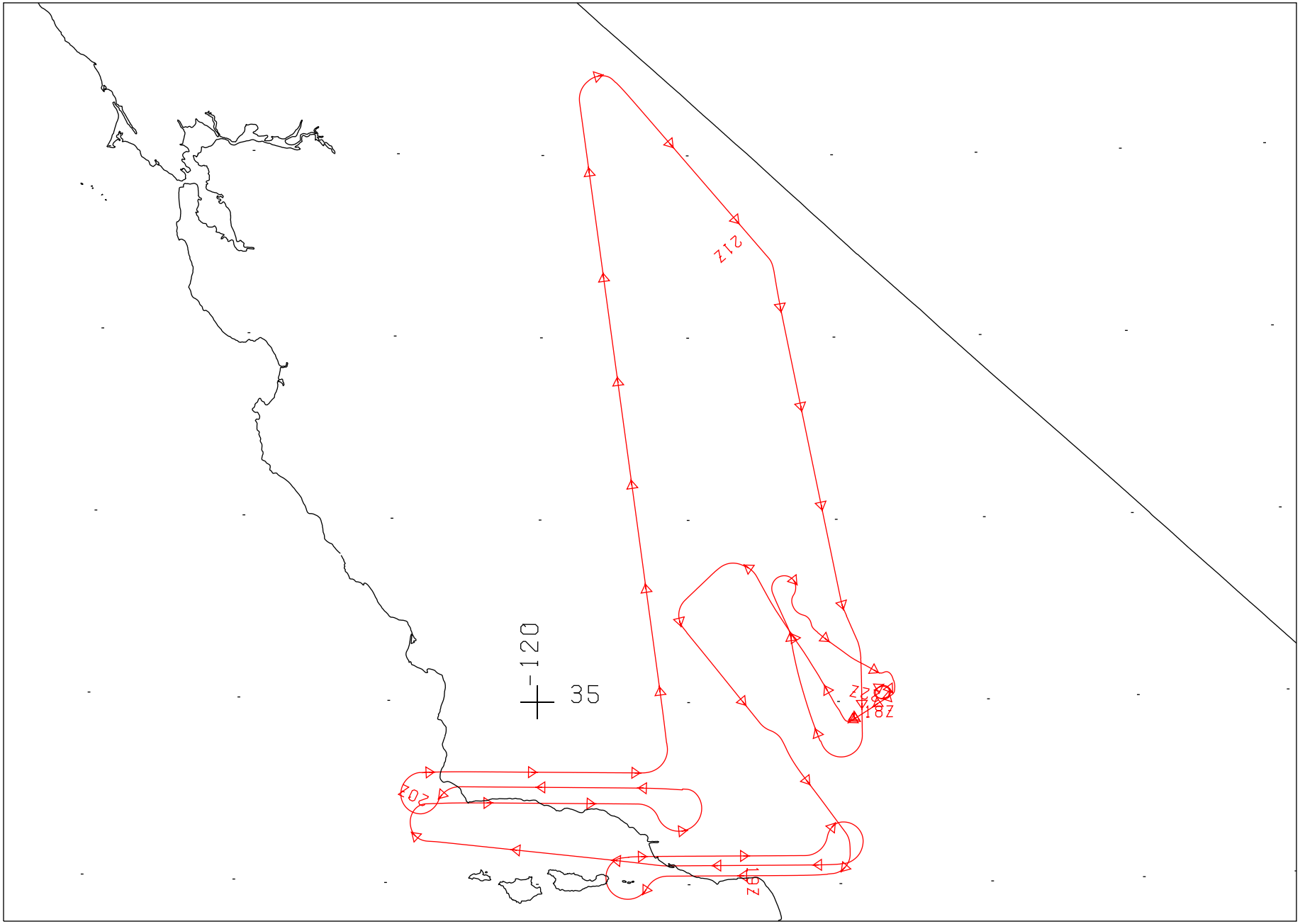
Sensor # 034

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

				START OF FLIGHT LINE			END OF FLIGHT LINE			FLIGHT DATA				
FILE	SITE	LINE	RUN	TIME HH:MM:SS	LAT DEG	LON DEG	TIME HH:MM:SS	LAT DEG	LON DEG	SCAN LINES	SOLAR ZEN	SOLAR 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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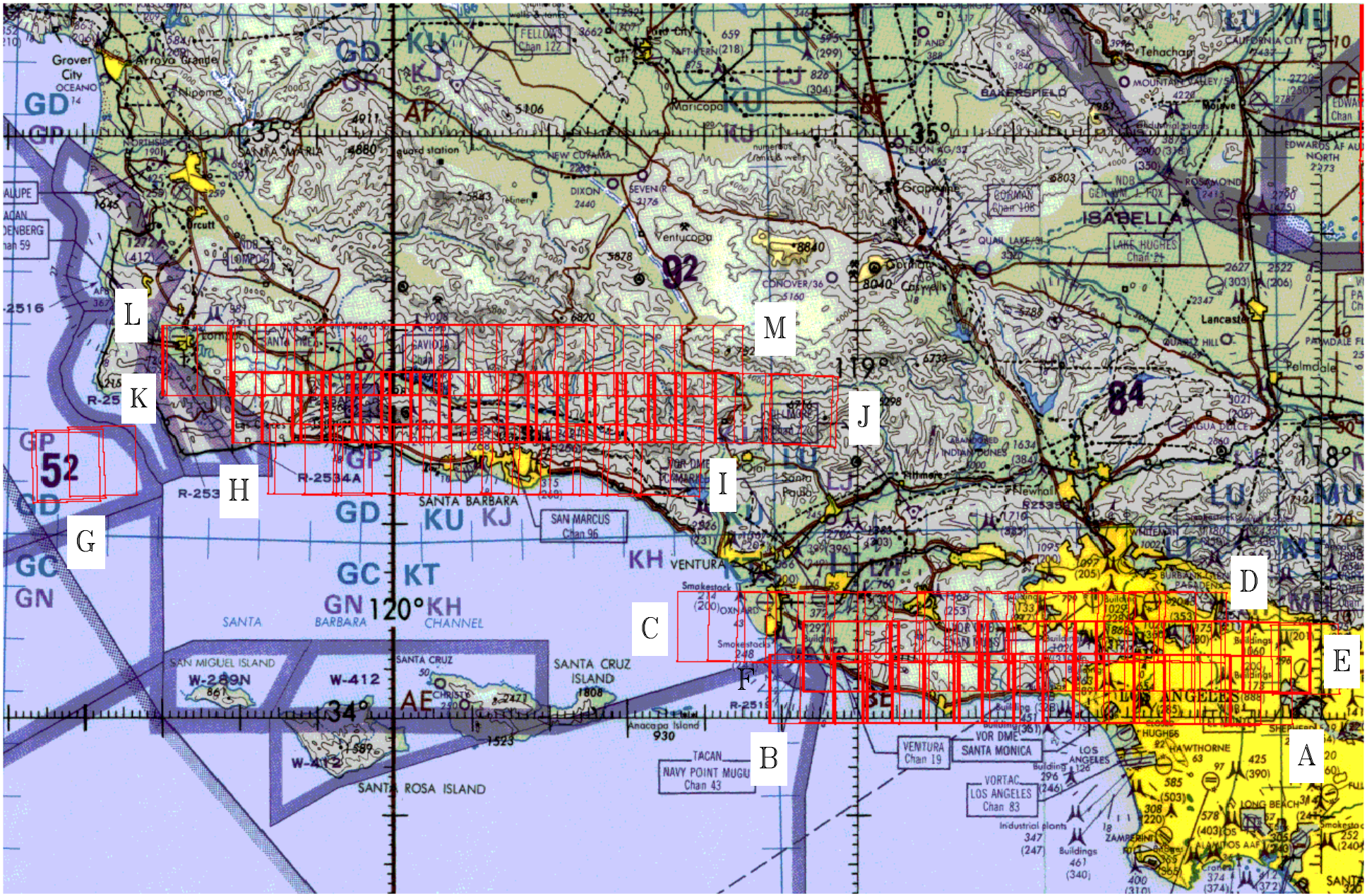

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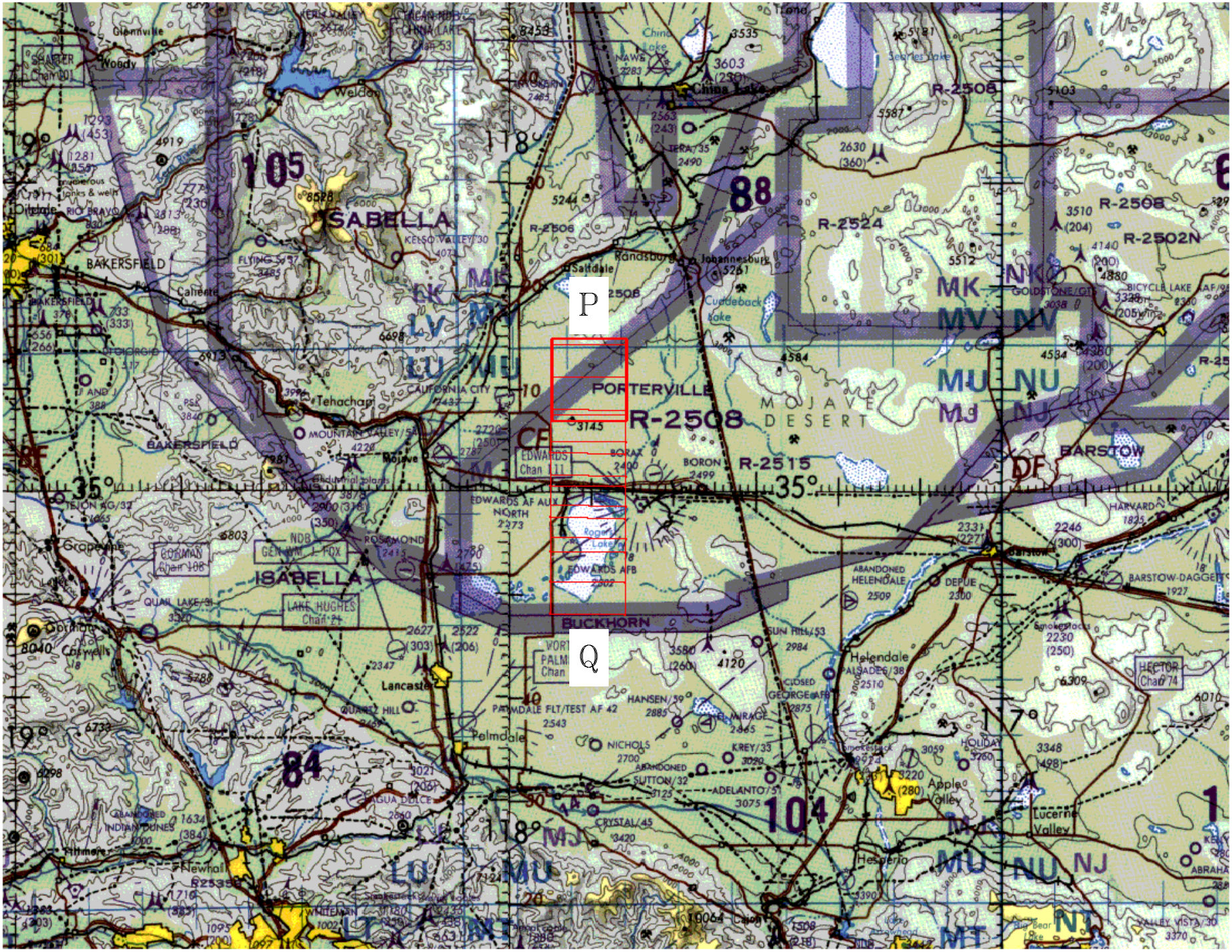
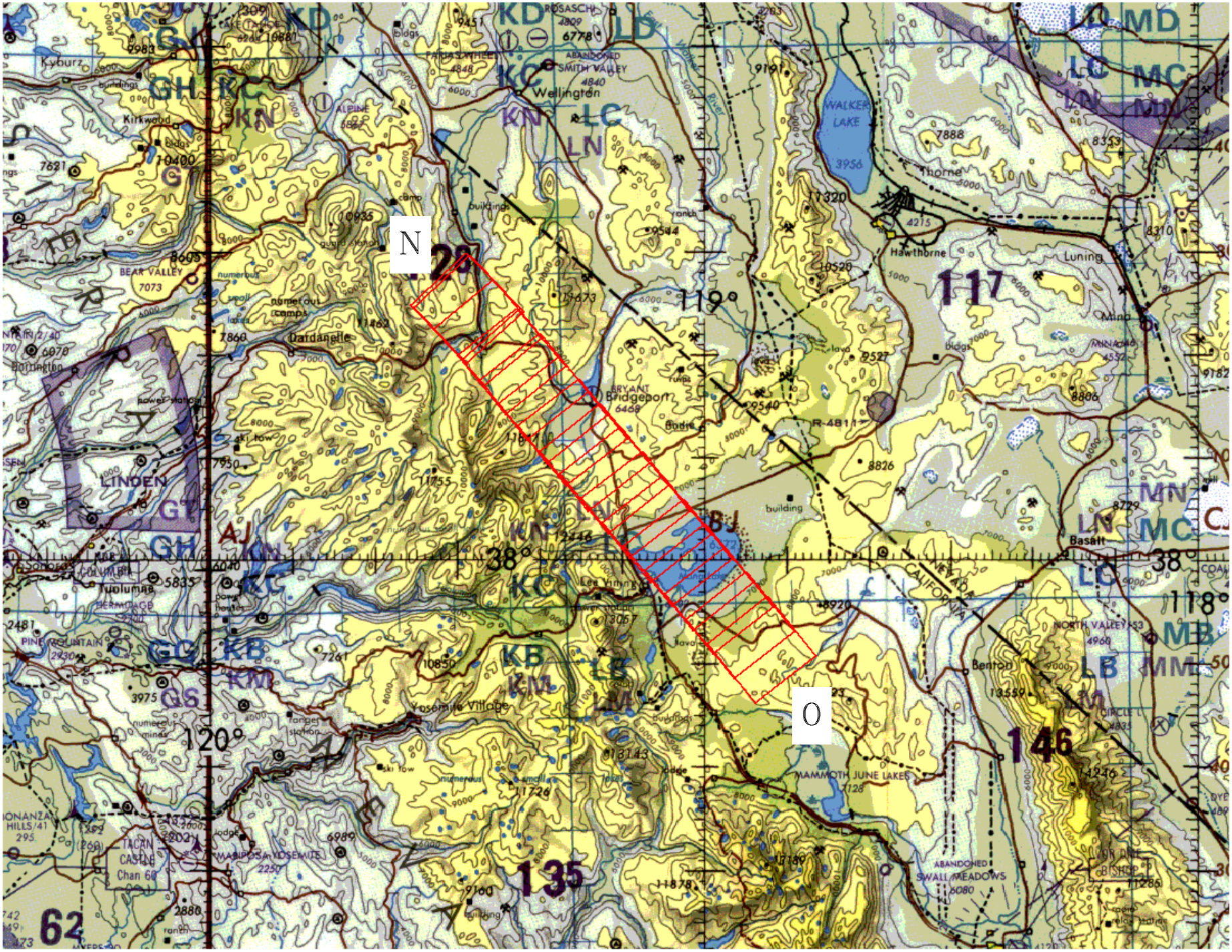

P
Q
PORTERVILLE
R-2508
R-2524
R-2515
R-2502N
MOJAVE DESERT
BAKERSFIELD
ISABELLA
BUCKHORN
BARSTOW
China Lake
Randsburg
Johannesburg
Saltdale
Tehachapi
Mojave
Rosamond
Lancaster
Palmdale
Helendale
Apple Valley
Lucerne Valley
Hesperia
Newhall
Grapevine
Edwards AFB
Rogers Lake
Cuddeback Lake
Boron
Kelso Valley
Lake Hughes
Quail Lake
Indian Dunes
Saugus
Tejon
Gorman
Frazier Park
Lebec
Weldon
Woody
Glennville
Caliente
Oildale
California City
Edwards AF Aux North
Palmdale Flt/Test AF 42
Abandoned Helendale
Closed George AFB
Abandoned Sutton/32
Adelanto/51
Crystal/45
Nichols
Hansen/59
Krey/35
Sun Hill/53
Harvard
Barstow-Daggett
Hector
Holiday
Mirage
Alsade/38
Depue
Rio Bravo
Flying Cross
Mountain Valley/51
Quartz Hill
Whitewater
Valley Vista/30
Kelso Valley/30
Terra/35
Sierra Lake
Goldstone/GTS
Bicycle Lake AAF/95
Lake Isabella
Lake Hughes
Chaffee
Edwards
Gorman
Fox
Ndb
Gen Wm
Shafter
Chan 101
Chan 53
Chan 11
Chan 108
Chan 21
Chan 74



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