FLIGHT SUMMARY REPORT

Flight Number: 00-004

Calendar/Julian Date: 05 October 1999 • 279

Sensor Package: Wild-Heerbrugg RC-10
Airborne Visible and Infrared Imaging Spectrometer (AVIRIS)
Thematic Mapper Simulator (TMS)

Area(s) Covered: Colorado

Investigator(s): Rowan, USGS **Aircraft #:** 806

SENSOR DATA

Accession #:	05413	-----	-----
Sensor ID #:	034	099	074
Sensor Type:	RC-10	AVIRIS	TMS
Focal Length:	12” 304.66 mm	-----	-----
Film Type:	Aerochrome IR SO-060	-----	-----
Filtration:	Wratten 12	-----	-----
Spectral Band:	510-900nm	-----	-----
f Stop:	11	-----	-----
Shutter Speed:	1/275	-----	-----
# of Frames:	35	-----	-----
% Overlap:	60	-----	-----
Quality:	Good		Good
Remarks:	Add 9 seconds for correct UTC		

CAMERA FLIGHT LINE DATA
FLIGHT NO. 00-004

Accession # 05413

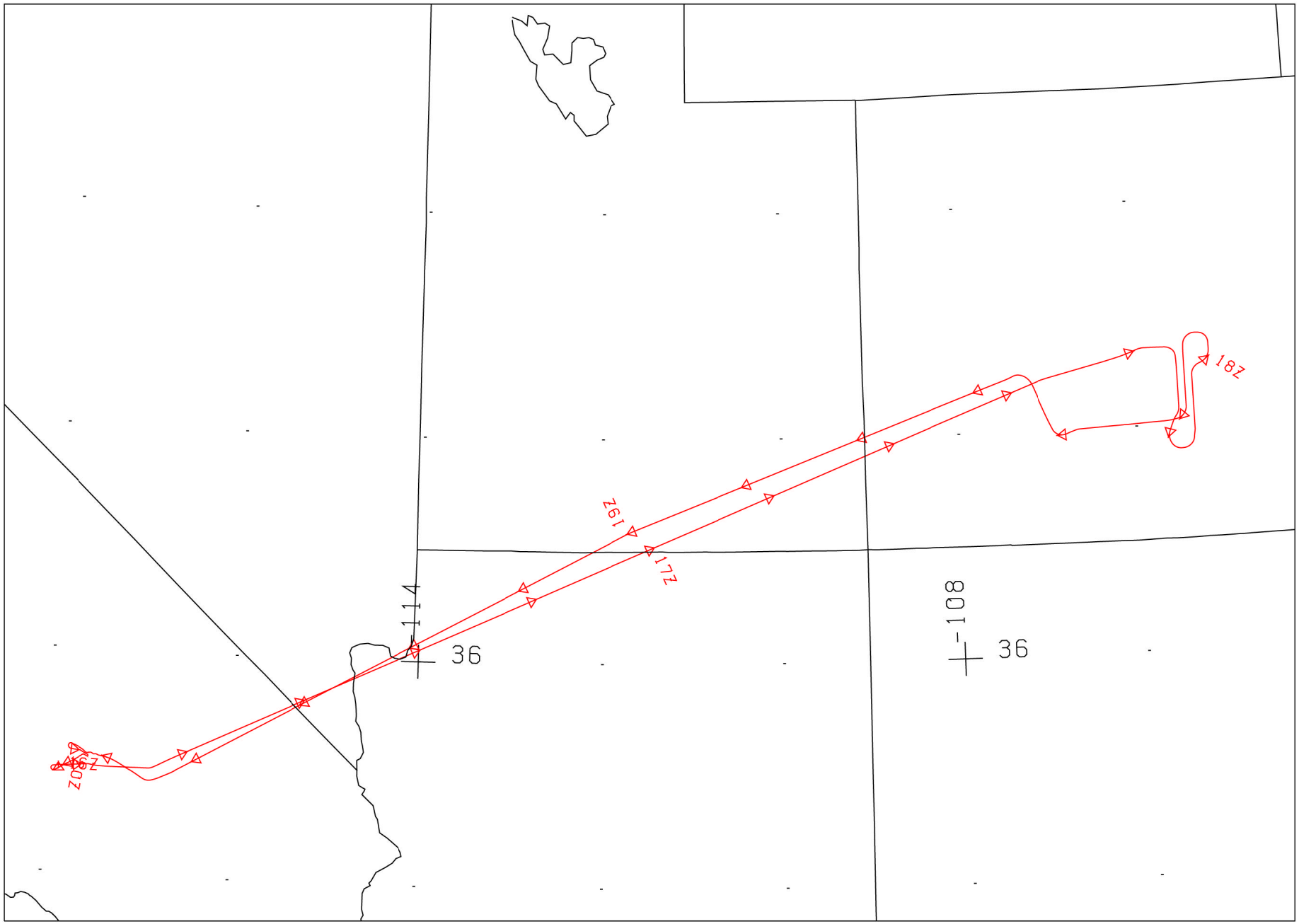
Sensor # 034

Check Points	Frame Numbers	Time (UTC-hr, min, sec) START	Time (UTC-hr, min, sec) END	Altitude, MSL feet/meters	Cloud Cover/Remarks
D - E	3834-3840	17:44:29	17:47:14	67300/20513	Clear
F - G	3841-3850	17:54:05	17:57:50	67000/20422	Clear
H - I	3851-3859	18:05:12	18:08:29	67000/20422	Clear; damaged during processing, frame 3859
L - B	3860-3868	18:20:56	18:24:13	67600/20605	Clear; damaged during processing, frame 3861

DAEDALUS FLIGHT DATA
FLIGHT NUMBER: 00-004

Check Points	Actual time (GMT) begin	end	Actual scanline begin	end	Altitude feet/meter	ground speed knots/mps	Scan Speed (rps)	total Good scanlines	total Interpolated scanlines	total Repeated scanlines
A-B	16:30:00.0	17:32:25.0	30339	77149	66625/20307	423/212	12.50	46811	0	0
B-C	17:33:02.0	17:37:34.0	77609	81019	67477/20567	425/213	12.50	3411	0	0
D-E	17:43:57.0	17:47:40.0	85799	88589	67330/20522	430/216	12.50	2791	0	0
F-G	17:53:50.0	17:58:06.0	93219	96419	67051/20437	403/202	12.50	3201	0	0
H-I	18:05:02.0	18:09:00.0	101609	104589	67041/20434	428/215	12.50	2981	0	0
E-J	18:11:24.0	18:15:46.0	106389	109659	67270/20504	404/203	12.50	3271	0	0
J-K	18:16:02.0	18:18:14.0	109859	111509	67502/20575	407/204	12.50	1651	0	0
L-B	18:20:57.0	18:24:44.0	113549	116389	67662/20623	400/201	12.50	2841	0	0
M-N	18:27:48.0	18:59:32.0	118687	142487	68318/20823	411/206	12.50	23801	0	0
N-A	19:00:52.0	19:29:01.0	143487	164600	68814/20975	405/203	12.50	21114	0	0

Note: Channel 8 offset geographically 1 sample from all other bands



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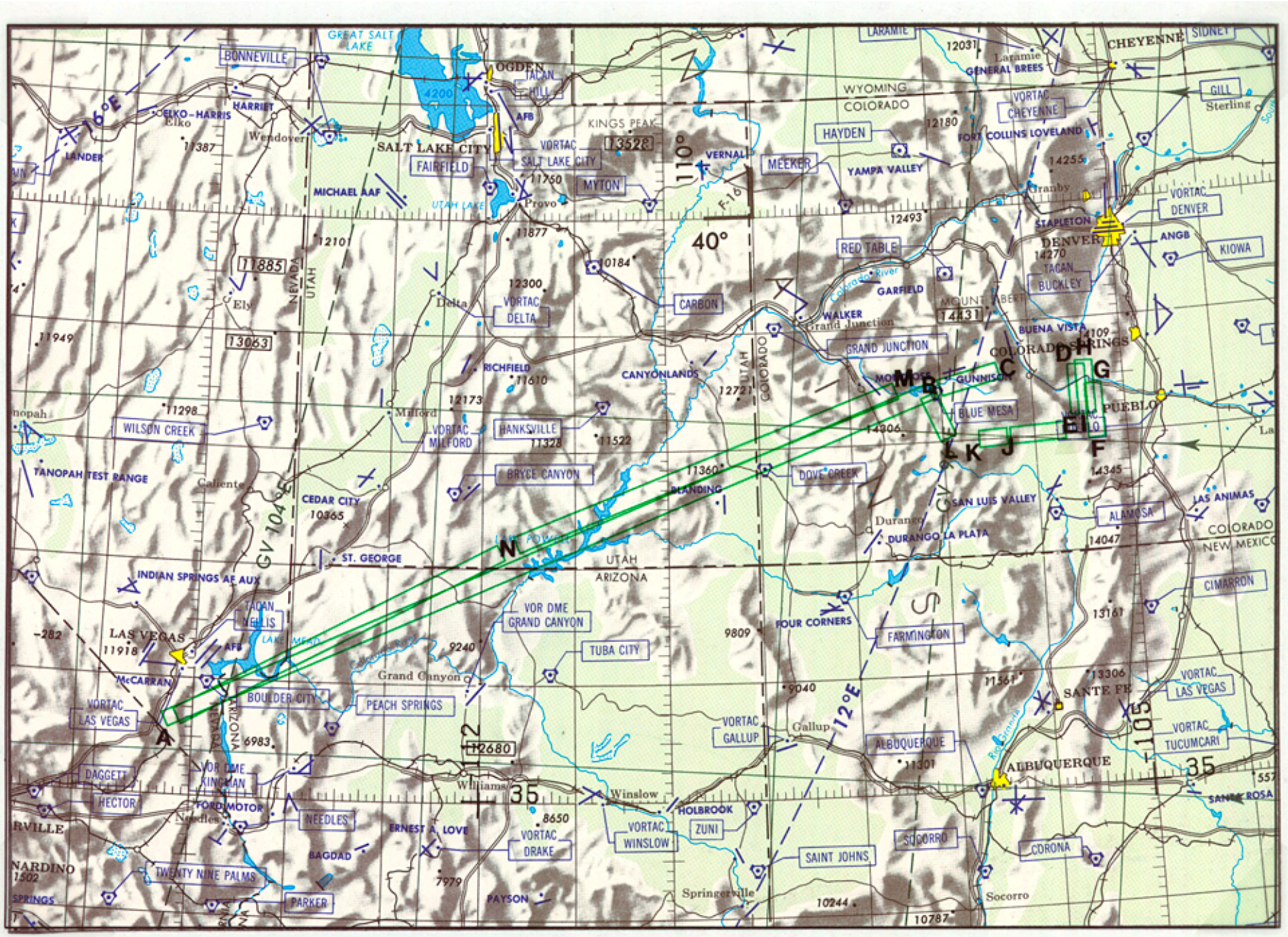

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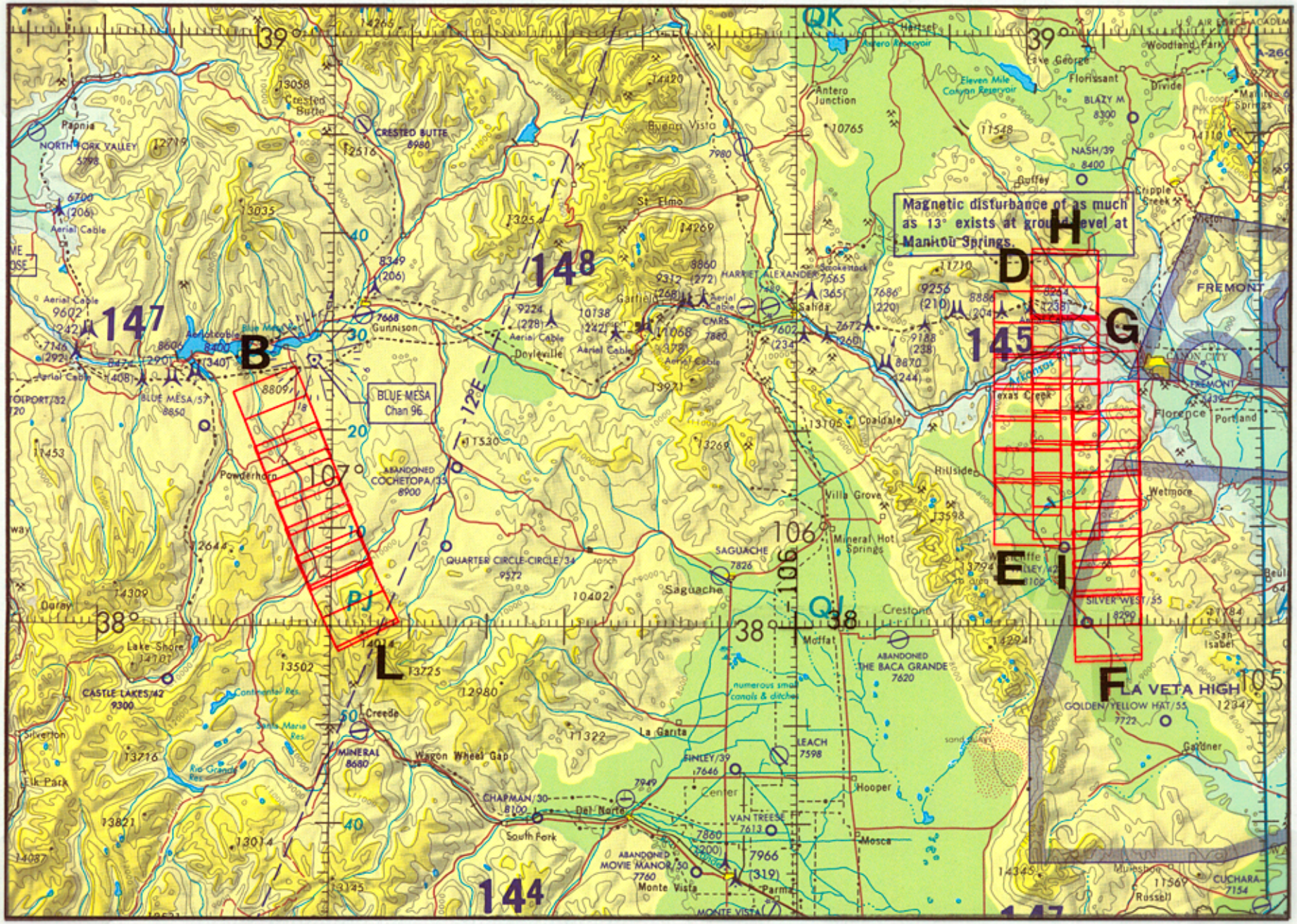

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