FLIGHT SUMMARY REPORT

Flight Number: 00-010

Calendar/Julian Date: 20 October 1999 • 293

Sensor Package: Wild Heerbrugg RC-10
Hycon HR-732
Thematic Mapper Simulator (TMS)
Modis Airborne Simulator (MAS)
Airborne Multi-angle Imaging SpectroRadiometer (AirMISR)

Area(s) Covered: Mono Lake, CA; Last Chance Mtns.
Hector Mine Rift Zone, CA

Investigator(s): Conel/Kahle, JPL; Melack, UCSB **Aircraft #:** 806

SENSOR DATA

Accession #:	05424	05425	-----	-----	-----
Sensor ID #:	026	009	074	108	120
Sensor Type:	RC-10	HR732	TMS	MAS	AirMISR
Focal Length:	12” 304.97 mm	24” 609 mm	-----	-----	-----
Film Type:	Aerochrome IR SO-134	Aerochrome IR SO-134	-----	-----	-----
Filtration:	Wratten 12	Wratten 12	-----	-----	-----
Spectral Band:	510-900nm	510-900 nm	-----	-----	-----
f Stop:	11	16	-----	-----	-----
Shutter Speed:	1/225	1/250	-----	-----	-----
# of Frames:	41	14	-----	-----	-----
% Overlap:	60	60	-----	-----	-----
Quality:	Excellent	Fair	Good	Failed	
Remarks:	Subtract 3 seconds for correct UTC	No data block		No data	

CAMERA FLIGHT LINE DATA
FLIGHT NO. 00-010

Accession # 05424

Sensor # 026

Check Points	Frame Numbers	Time (UTC-hr, min, sec) START	Time (UTC-hr, min, sec) END	Altitude, MSL feet/meters	Cloud Cover/Remarks
G - H	3418-3449	18:41:48	18:55:42	64000/19507	Clear
J - K	3450-3458	19:18:19	19:21:35	64700/19721	Clear; emulsion scratches, frames 3453-3456

CAMERA FLIGHT LINE DATA
FLIGHT NO. 00-010

Accession # 05425

Sensor # 009

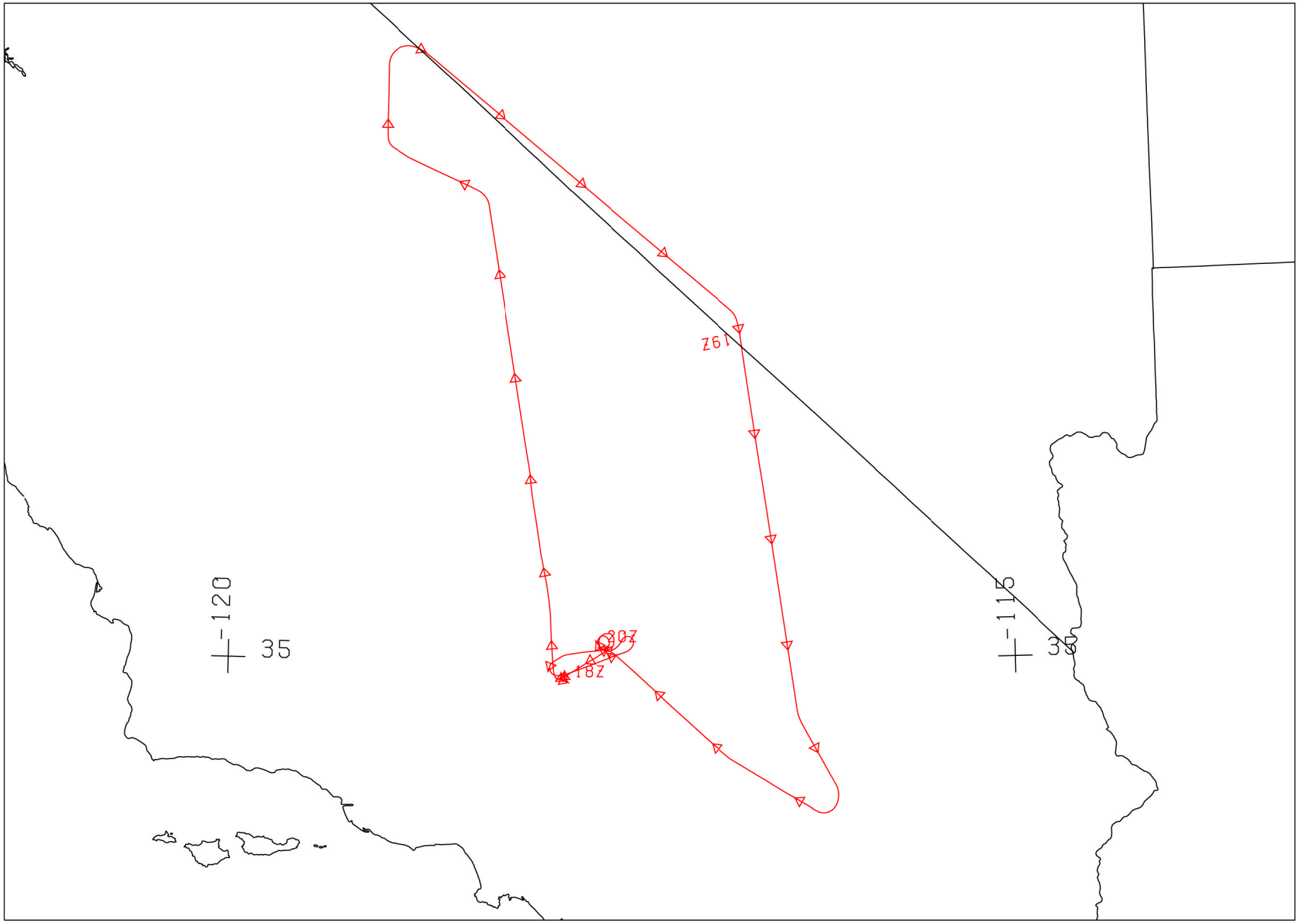
Check Points	Frame Numbers	Time (UTC-hr, min, sec) START	Time (UTC-hr, min, sec) END	Altitude, MSL feet/meters	Cloud Cover/Remarks
J - K	0001-0014	19:18:17	19:21:32	64700/19721	Clear

NOTE: DATA BLOCK NOT EXPOSED; TIME DERIVED FROM NAVIGATION DATA

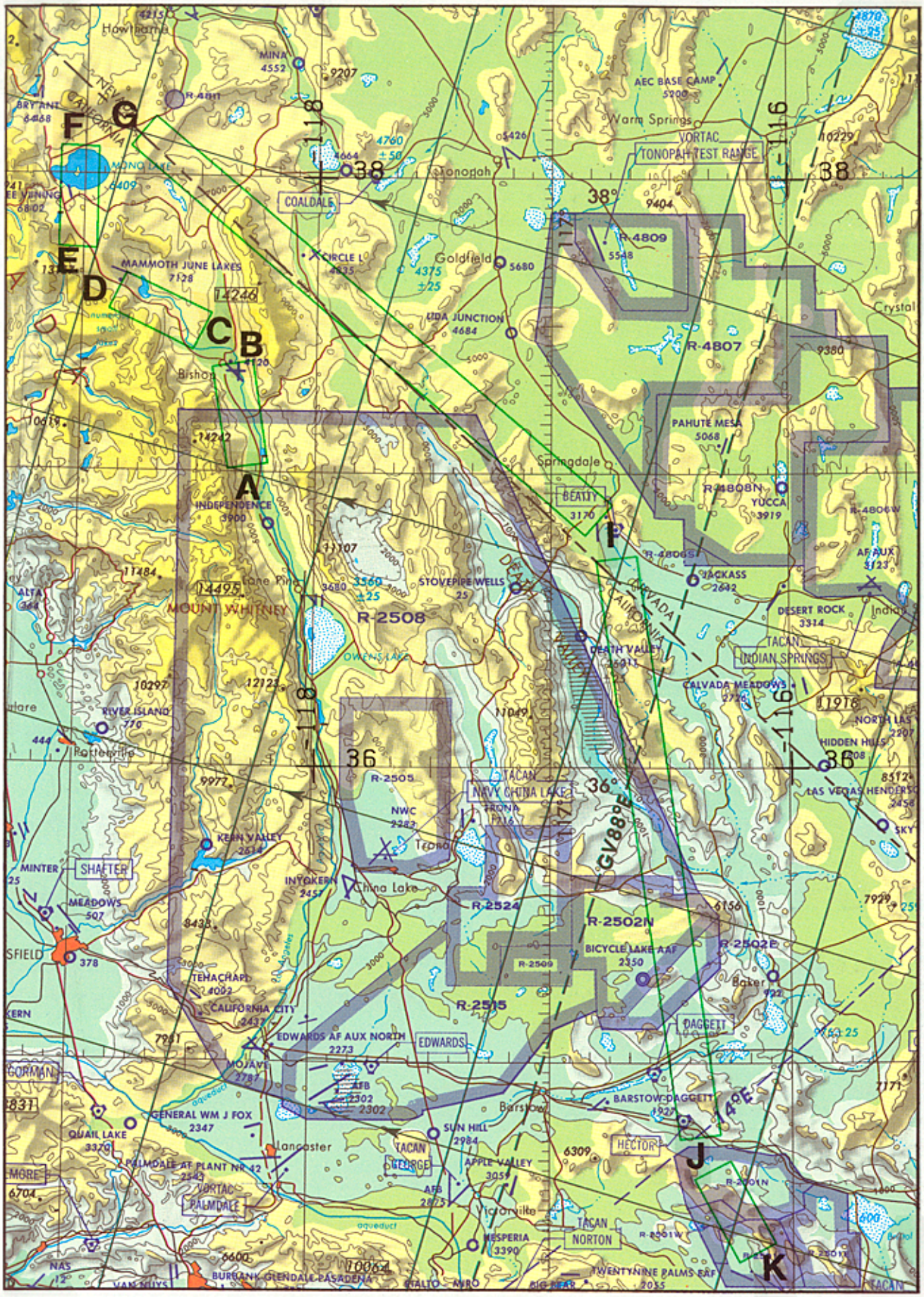
DAEDALUS FLIGHT DATA
FLIGHT NUMBER: 00-010

Check Points	Actual time (GMT) begin	Actual time (GMT) end	Actual scanline begin	Actual scanline end	Altitude feet/meter	ground speed knots/mps	Scan Speed (rps)	total Good scanlines	total Interpolated scanlines	total Repeated scanlines
A-B	18:25:01.0	18:28:13.0	26727	29129	64838/19763	408/205	12.50	2401	0	2
C-D	18:29:41.0	18:32:41.0	30229	32479	64768/19741	404/203	12.50	2251	0	0
E-F	18:34:37.0	18:37:45.0	33929	36275	60465/18430	403/202	12.50	2347	0	0
G-I	18:40:29.0	18:58:45.0	38329	52029	63601/19386	415/208	12.50	13701	0	0
I-J	19:00:05.0	19:17:45.0	53029	66281	64841/19764	422/212	12.50	13251	0	2
J-K	19:18:49.0	19:21:36.0	67081	69163	64827/19759	422/212	12.50	2083	0	0

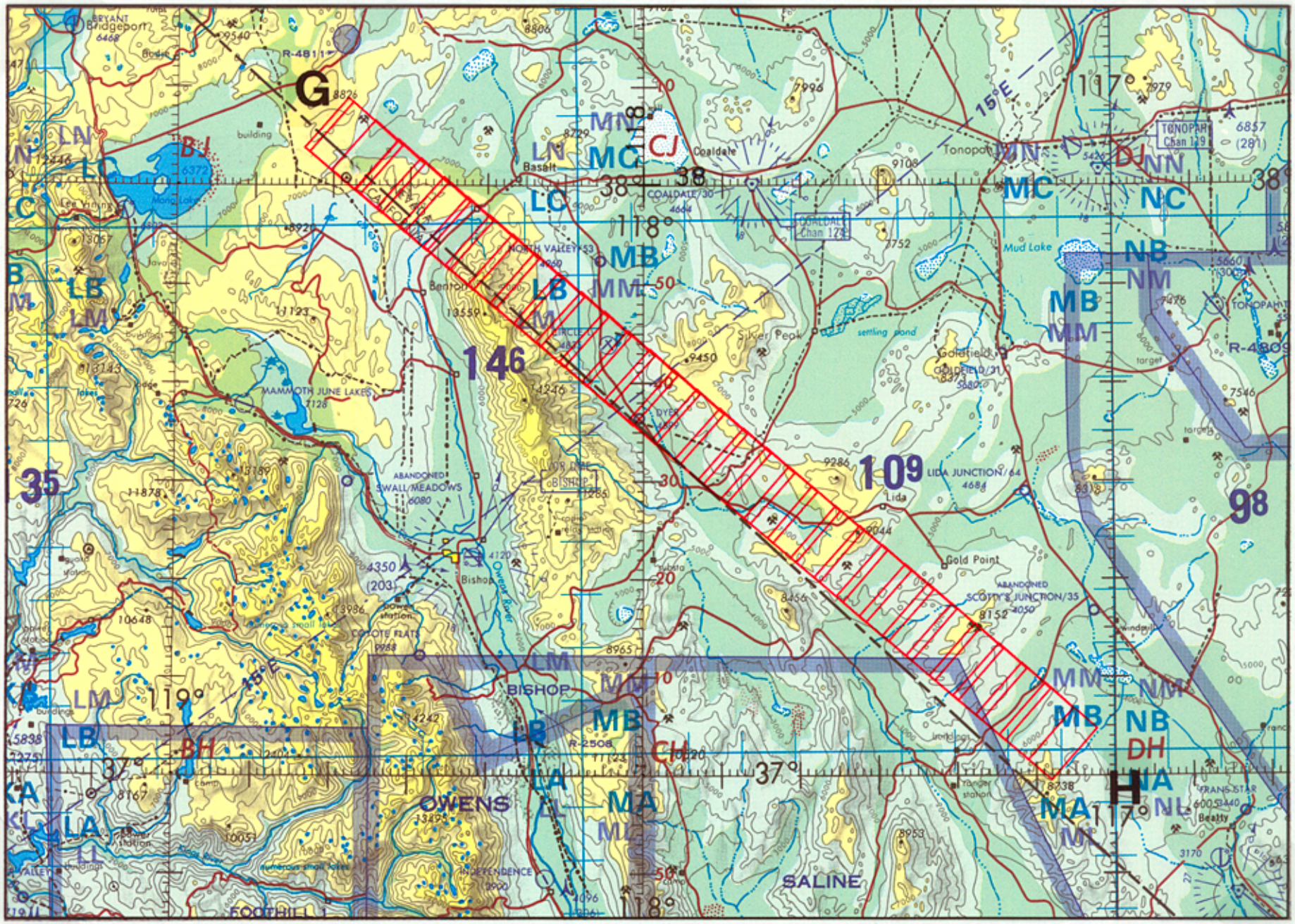
Note: Channel 8 geographically offset 1 sample from all other channels
Channel 9 geographically offset 1 line from all other channels



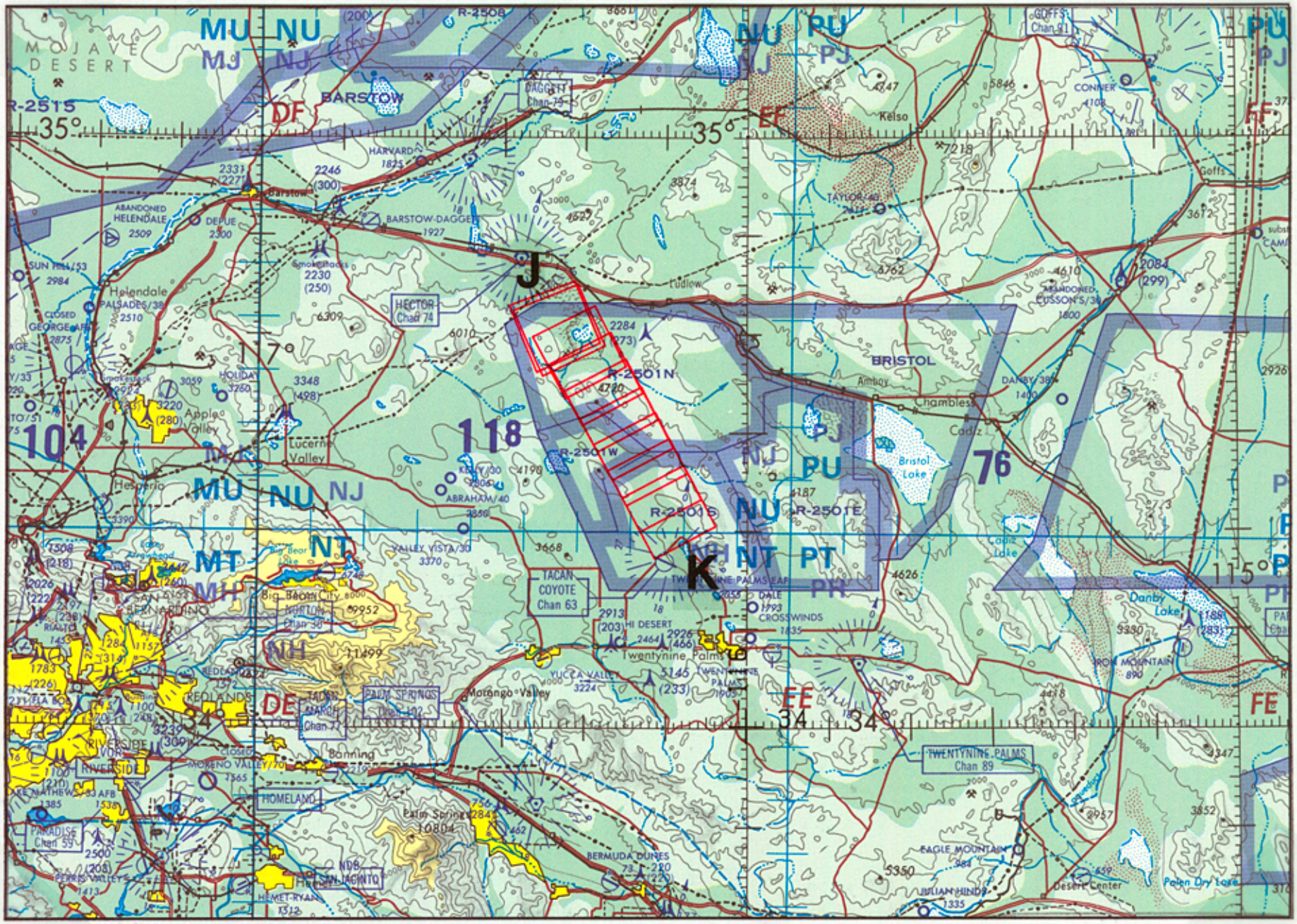
FLIGHT 00-010 20 OCTOBER 1999 A/C 806 RC-10 / HR732 / AIRMISR / TMS



FLIGHT 00-010 20 OCTOBER 1999 R/C 806 TMS JNC 43



FLIGHT 00-010 20 OCTOBER 1999 A/C 806 RC-10 ONC G-18



FLIGHT 00-010 20 OCTOBER 1999 A/C 806 RC-10 / HR732 ONC G-18