FLIGHT SUMMARY REPORT

Flight Number: 00-015

Calendar/Julian Date: 27 October 1999 • 300

Sensor Package: Dual Wild Heerbrugg RC-10
Hycon HR-732
Thematic Mapper Simulator (TMS)
Modis Airborne Simulator (MAS)

Area(s) Covered: California City/Fox Field/Hector Mine
Rift Zone, CA

Investigator(s): Kahle, JPL **Aircraft #:** 806

SENSOR DATA

Accession #:	05429	05430	05431	-----	-----
Sensor ID #:	033	026	009	074	108
Sensor Type:	RC-10	RC-10	HR-732	TMS	MAS50
Focal Length:	6” 153.17 mm	12” 304.97 mm	24” 609 mm	-----	-----
Film Type:	Aerochrome IR SO-060	Aerochrome IR SO-134	Aerochrome IR SO-134	-----	-----
Filtration:	Wratten 12 + 2.2 AV	Wratten 12	Wratten 12	-----	-----
Spectral Band:	510-900nm	510-900 nm	510-900 nm	-----	-----
f Stop:	8	11	18	-----	-----
Shutter Speed:	1/225	1/225	1/250	-----	-----
# of Frames:	19	40	64	-----	-----
% Overlap:	60	60	60	-----	-----
Quality:	Good	Good	Good	Good	
Remarks:			Camera clock failed; time derived from flight track		

CAMERA FLIGHT LINE DATA
FLIGHT NO. 00-015

Accession # 05429

Sensor # 033

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	0211-0212	18:35:41	18:36:28	67900/20696	Clear; Fox Field
L - M	0213-0229	19:11:45	19:26:09	35000/10668	Clear; oblique (frames 0228-0229)

CAMERA FLIGHT LINE DATA
FLIGHT NO. 00-015

Accession # 05430

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
A - B	3490-3493	18:23:13	18:24:14	64000/19507	Clear; California City
D - E	3494-3496	18:35:34	18:36:06	67900/20696	Clear; Fox Field
L - M	3497-3529	19:11:37	19:25:51	35000/10668	Clear; oblique (frame 3529)

CAMERA FLIGHT LINE DATA
FLIGHT NO. 00-015

Accession # 05431

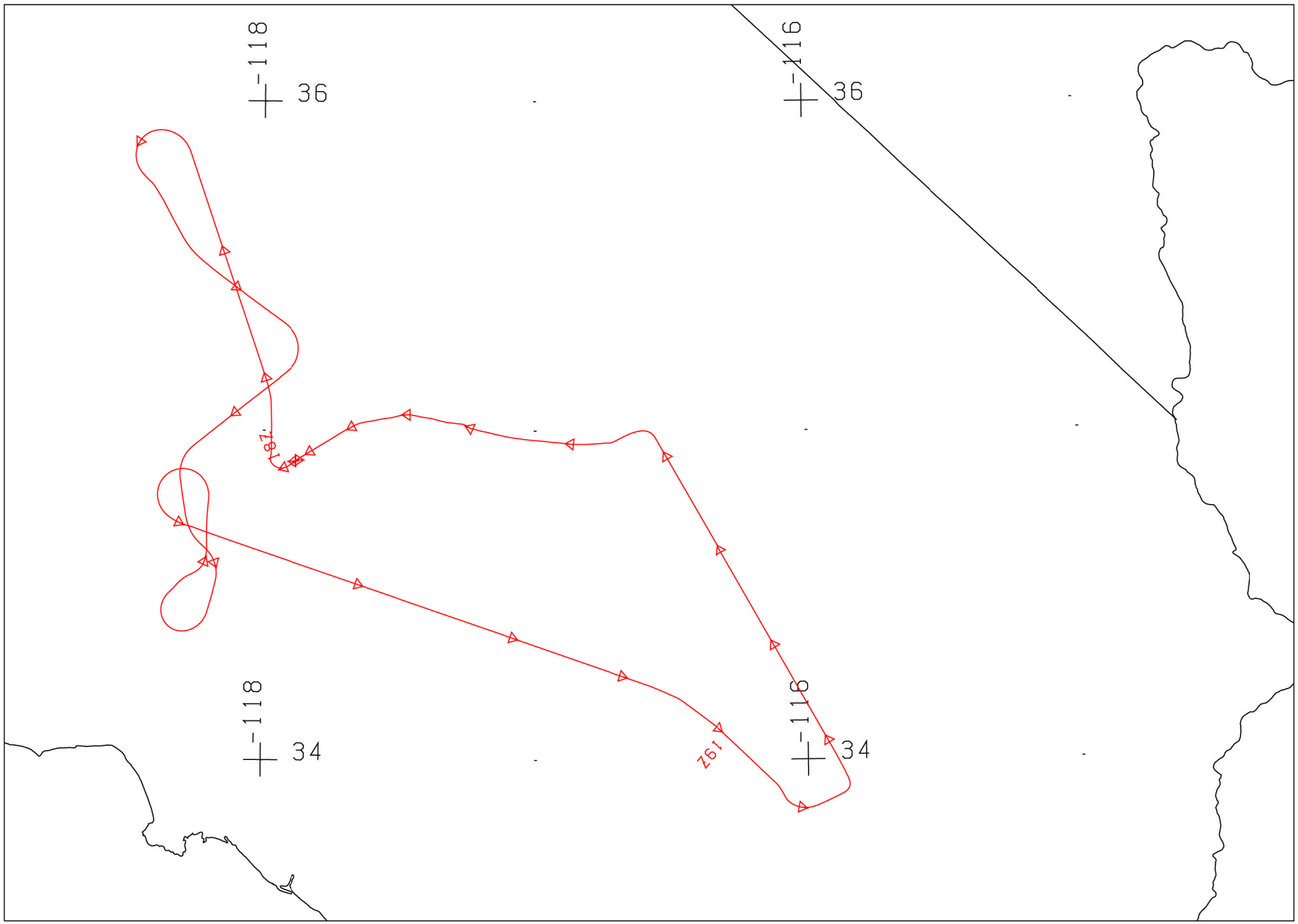
Sensor # 009

Check Points	Frame Numbers	Time (UTC-hr, min, sec) START	Time (UTC-hr, min, sec) END	Altitude, MSL feet/meters	Cloud Cover/Remarks
D - E	0001-0004	18:35:42	18:36:27	67900/20696	Clear; Fox Field
L - M	0005-0064	19:11:40	19:26:17	35000/10668	Clear; oblique (frame 0064)

DAEDALUS FLIGHT DATA
FLIGHT NUMBER: 00-015

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-C	18:23:05.0	18:26:17.0	26230	28630	64514/19664	409/205	12.50	2401	0	0
D-E	18:35:28.0	18:36:29.0	35516	36281	67850/20681	421/211	12.50	766	0	0
E-F	18:40:31.0	18:56:03.0	39305	50957	44820/13661	344/173	12.50	11651	0	2
G-H	18:58:03.0	18:59:35.0	52457	53607	35013/10672	242/121	12.50	1151	0	0
H-I	19:00:11.0	19:03:13.0	54057	56332	35088/10695	259/130	12.50	2276	0	0
J-K	19:05:31.0	19:06:45.0	58057	58982	35013/10672	246/123	12.50	926	0	0
K-M	19:08:07.0	19:25:31.0	60007	73057	35041/10680	246/123	12.50	13051	0	0

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



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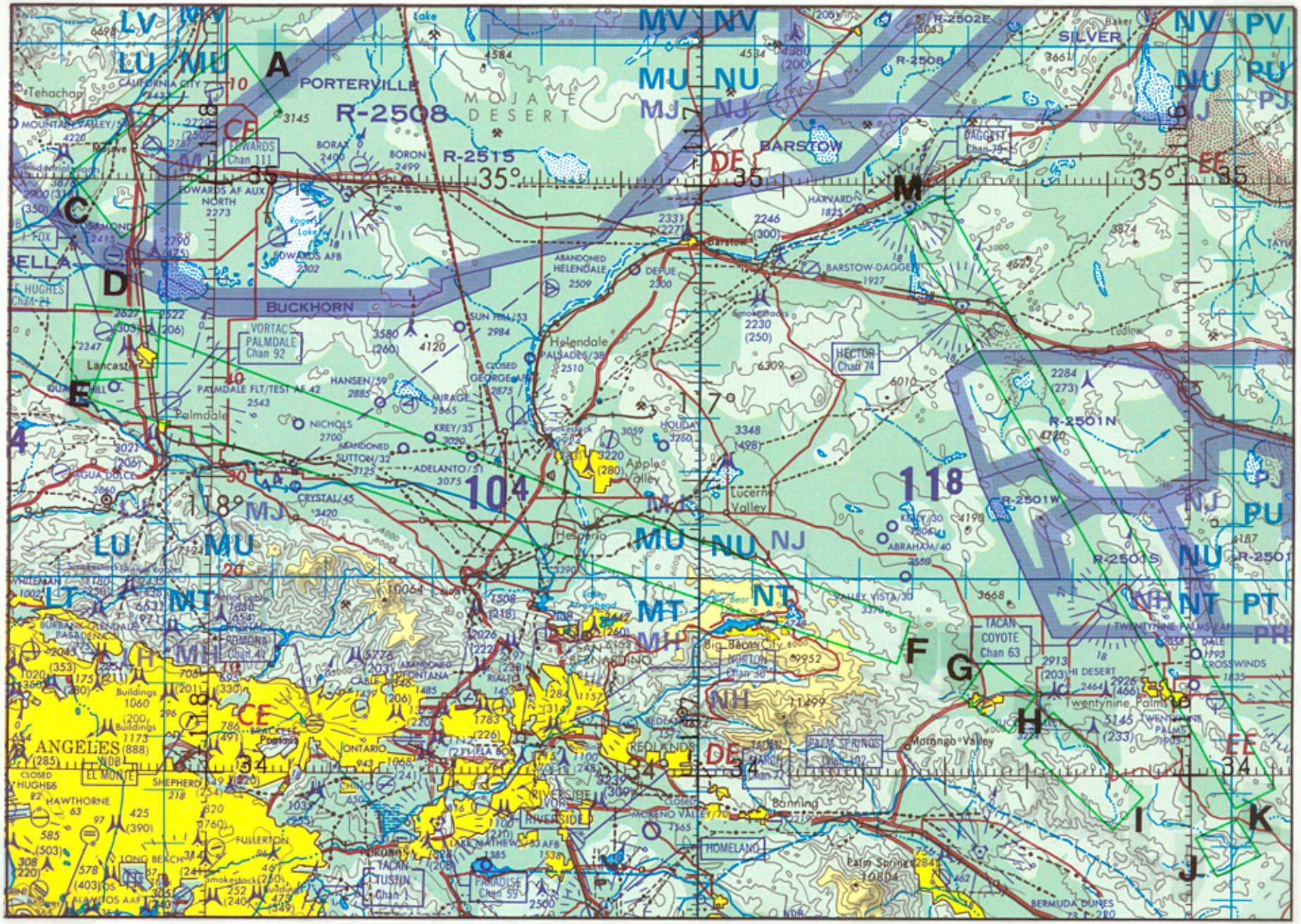

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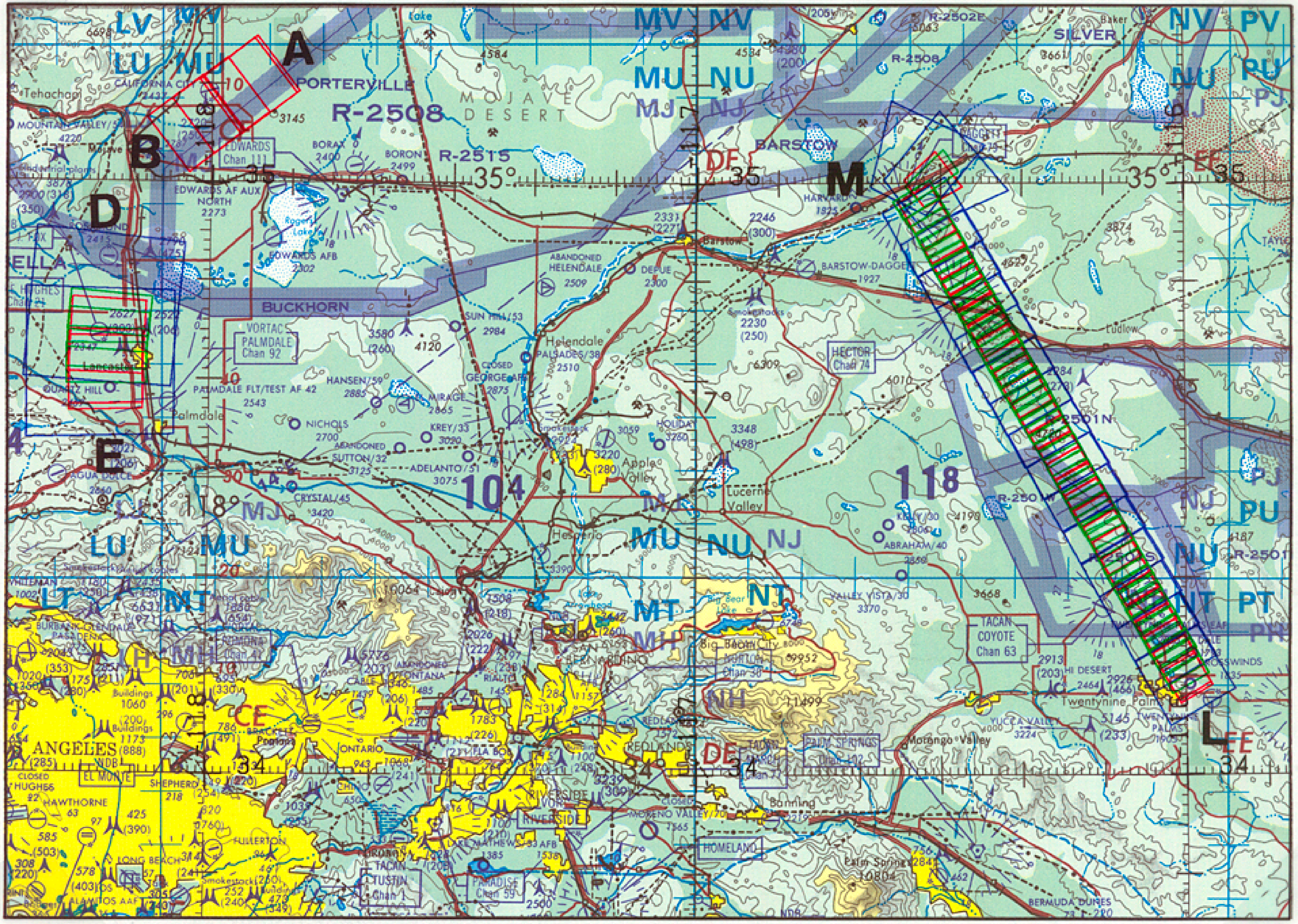

FLIGHT 00-015 27 OCTOBER 1999 A/C 806 RC-10 / HR732 ONC G-18