FLIGHT SUMMARY REPORT

Flight Number:	00-007
Calendar/Julian Date:	14 October 1999 • 287
Sensor Package:	Wild-Heerbrugg RC-10 Airborne Multi-angle Imaging SpectroRadiometer (AirMISR)
Area(s) Covered:	Mono Lake/Lancaster, CA

Investigator(s): Melack, UCSB; Conel, JPL
van den Bosch, SAIC

Aircraft #: 806

SENSOR DATA

Accession #:	05422	-----
Sensor ID #:	076	120
Sensor Type:	RC-10	AirMISR
Focal Length:	12” 304.89 mm	-----
Film Type:	Aerochrome IR SO-060	-----
Filtration:	Wratten 12	-----
Spectral Band:	510-900nm	-----
f Stop:	11	-----
Shutter Speed:	1/275	-----
# of Frames:	61	-----
% Overlap:	60	-----
Quality:	Good	
Remarks:		

CAMERA FLIGHT LINE DATA
FLIGHT NO. 00-007

Accession # 05422

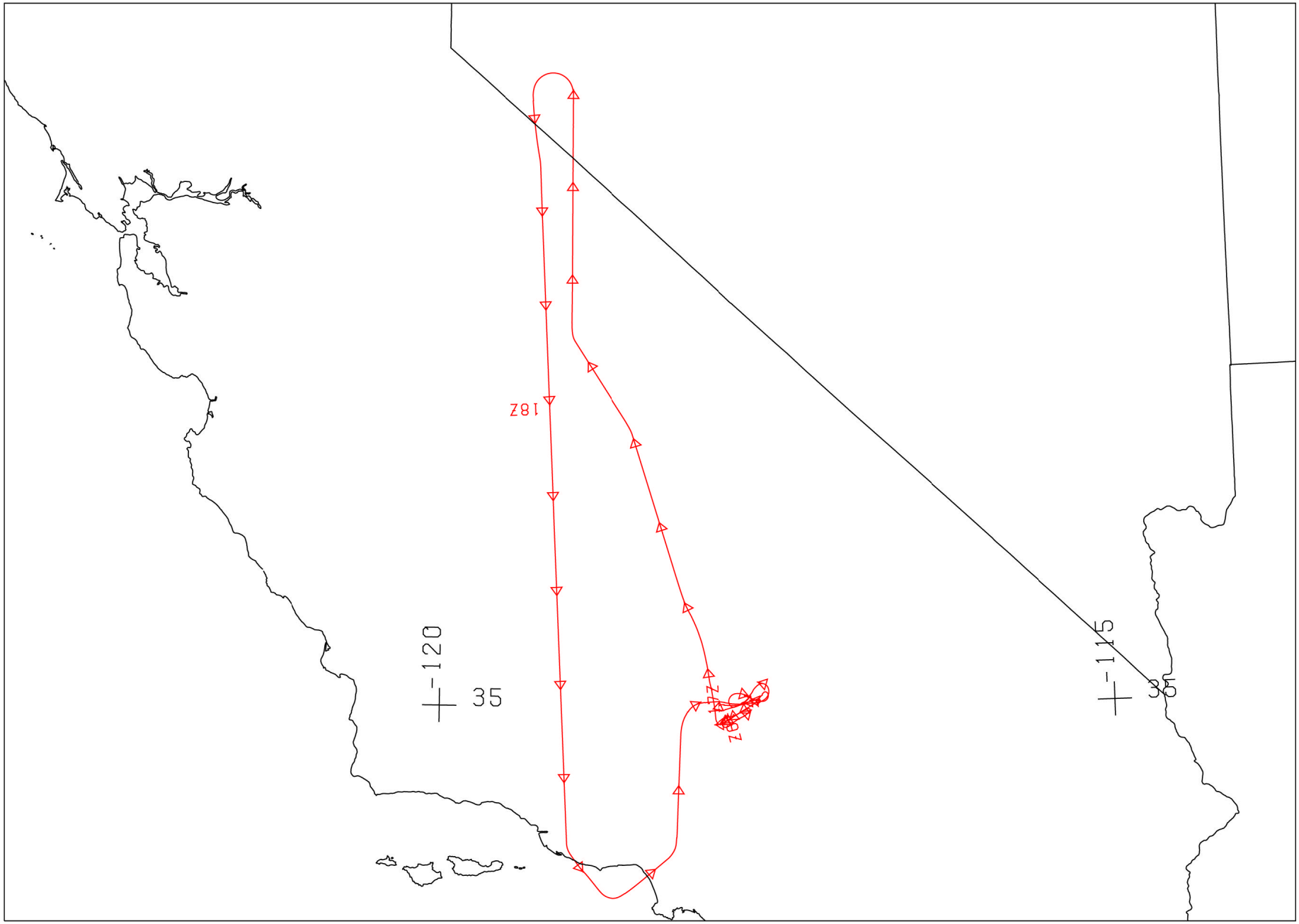
Sensor # 076

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	3173-3197	17:28:28	17:39:39	68000/20726	Clear
C - D	3198-3223	17:47:54	17:59:37	69300/21123	10% smoke (frames 3213, 3219-3220 and 3222-3223)
E - F	3224-3227	18:28:54	18:30:18	64400/19629	Clear
G - H	3228-3233	18:35:30	18:37:50	64400/19629	Clear; oblique (frame 3233)

DAEDALUS FLIGHT DATA
FLIGHT NUMBER: 00-004

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	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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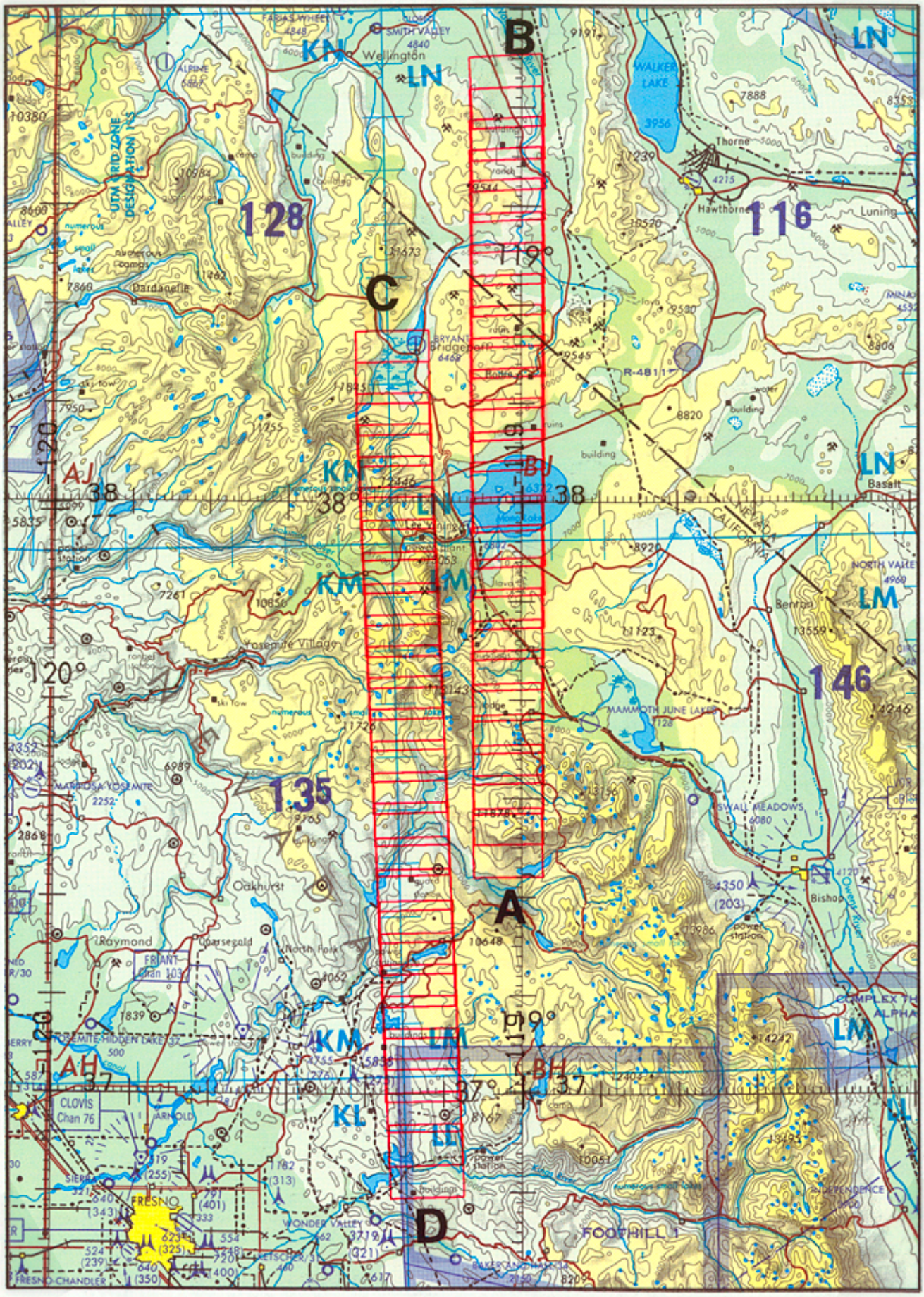
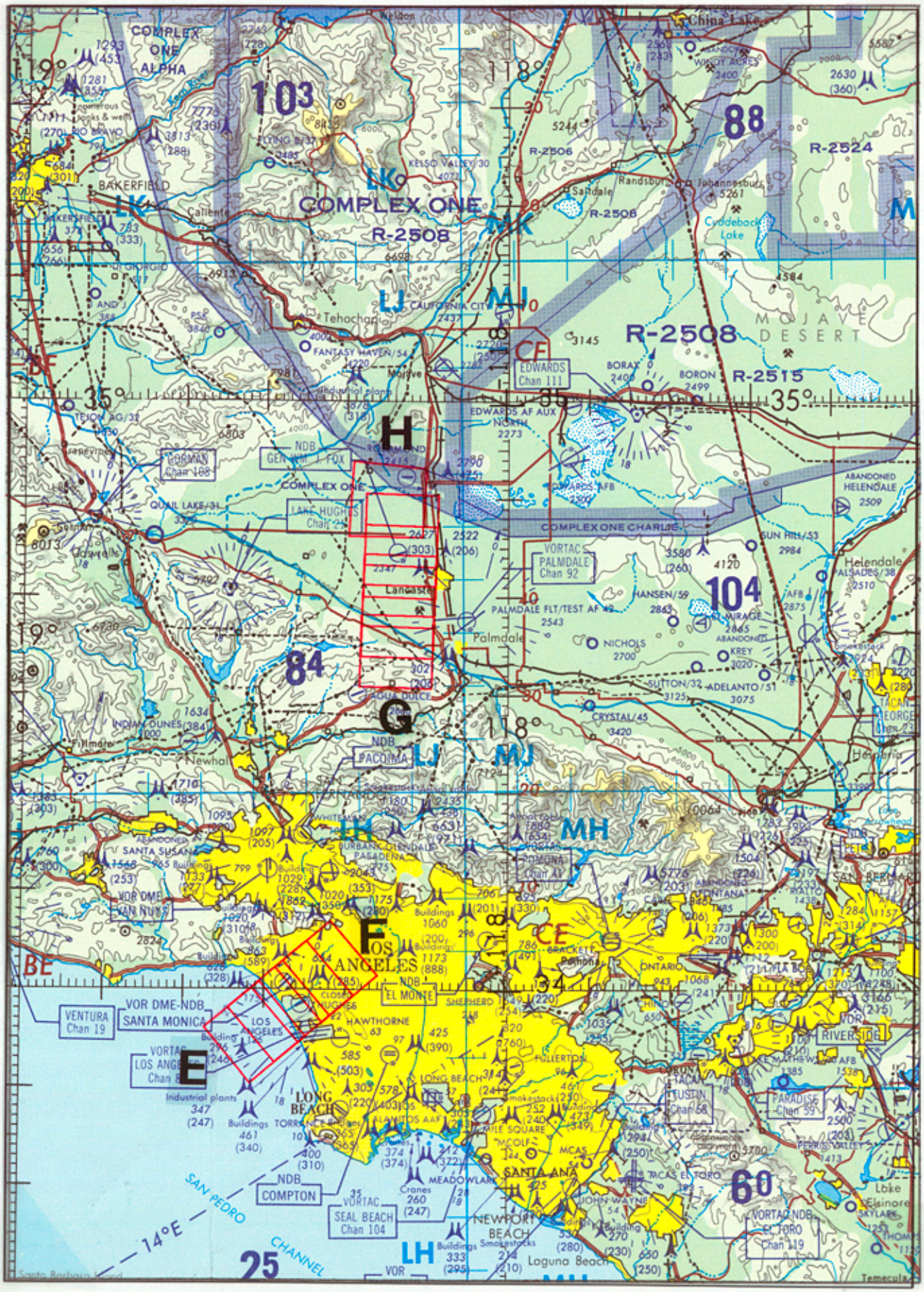

B
C
A
D
128
116
146
135
119°
120°
38
37
Wellington
Thorne
Hawthorne
Luning
Basalt
Yosemite Village
Oakhurst
Raymond
Coarsegold
North Fork
Bishop
Benton
FRESNO
CLOVIS
Chan 76
FRIANT
Chan 103
MAMMOTH JUNE LAKE
WALKER LAKE
3956
NEVADA
CALIFORNIA
R-4811
FOOTHILL 1
COMPLEX
ALPHA
FLIGHT 00-007
14 OCTOBER 1999
A/C 806
RC-10
ONC G-18


COMPLEX ONE ALPHA
103
88
R-2524
R-2506
R-2508
COMPLEX ONE
BAKERSFIELD
Tehachapi
CALIFORNIA CITY
MOJAVE DESERT
R-2515
EDWARDS Chan 111
EDWARDS AF AUX
COMPLEX ONE CHARLIE
VORTAC PALMDALE Chan 92
PALMDALE FLT/TEST AF
Lancaster
Palmdale
104
84
LAGUA DULCE
NDB PACOIMA
Newhall
MH
LH
LOS ANGELES
NDB EL MONTE
VENTURA Chan 19
VOR DME-NDB SANTA MONICA
LONG BEACH
NDB COMPTON
VORTAC SEAL BEACH Chan 104
SANTA ANA
NEWPORT BEACH
Laguna Beach
60
25
SAN PEDRO CHANNEL
14°E
VORTAC NDB EL TORO Chan 119
Lake Elsinore
Temecula
ONC G-18
RC-10
A/C 806
14 OCTOBER 1999
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