

FLIGHT SUMMARY REPORT

Flight Number: 00-001
Calendar/Julian Date: 01 October 1999 • 274
Sensor Package: Wild Heerbrugg RC-10 (12" and 6")
 Airborne Visible and Infrared Imaging Spectrometer (AVIRIS)
 Thematic Mapper Simulator (TMS)
Area(s) Covered: Southern California

Investigator(s): Green, JPL

Aircraft #: 806

SENSOR DATA

Accession #:	05408	05409	----	----
Sensor ID #:	034	035	099	074
Sensor Type:	RC-10	RC-10	AVIRIS	TMS
Focal Length:	12" 304.66 mm	6" 153.46 mm	----	----
Film Type:	Aerochrome IR SO-060	Aerochrome IR SO-134	----	----
Filtration:	Wratten 12	Wratten 12 + 2.2 AV	----	----
Spectral Band:	510-900nm	510-900 nm	----	----
f Stop:	11	8	----	----
Shutter Speed:	1/275	1/275	----	----
# of Frames:	37	5	----	----
% Overlap:	60	60	----	----
Quality:	Good	Good	----	Fair
Remarks:	Add 11 seconds for correct UTC	Data block unreadable		

CAMERA FLIGHT LINE DATA
FLIGHT NO. 00-001

Accession # 05408

Sensor # 034

Check Points	Frame Numbers	Time (UTC-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	3544-3550	19:11:54	19:14:44	63000/19202	Clear
C - D	3551-3558	19:22:00	19:25:17	63500/19355	Clear; oblique (frame 3551)
E - F	3559-3573	19:32:27	19:38:58	63500/19355	Clear
P - Q	3574-3580	20:43:45	20:46:28	63500/19355	Clear

CAMERA FLIGHT LINE DATA
FLIGHT NO. 00-001

Accession # 05409

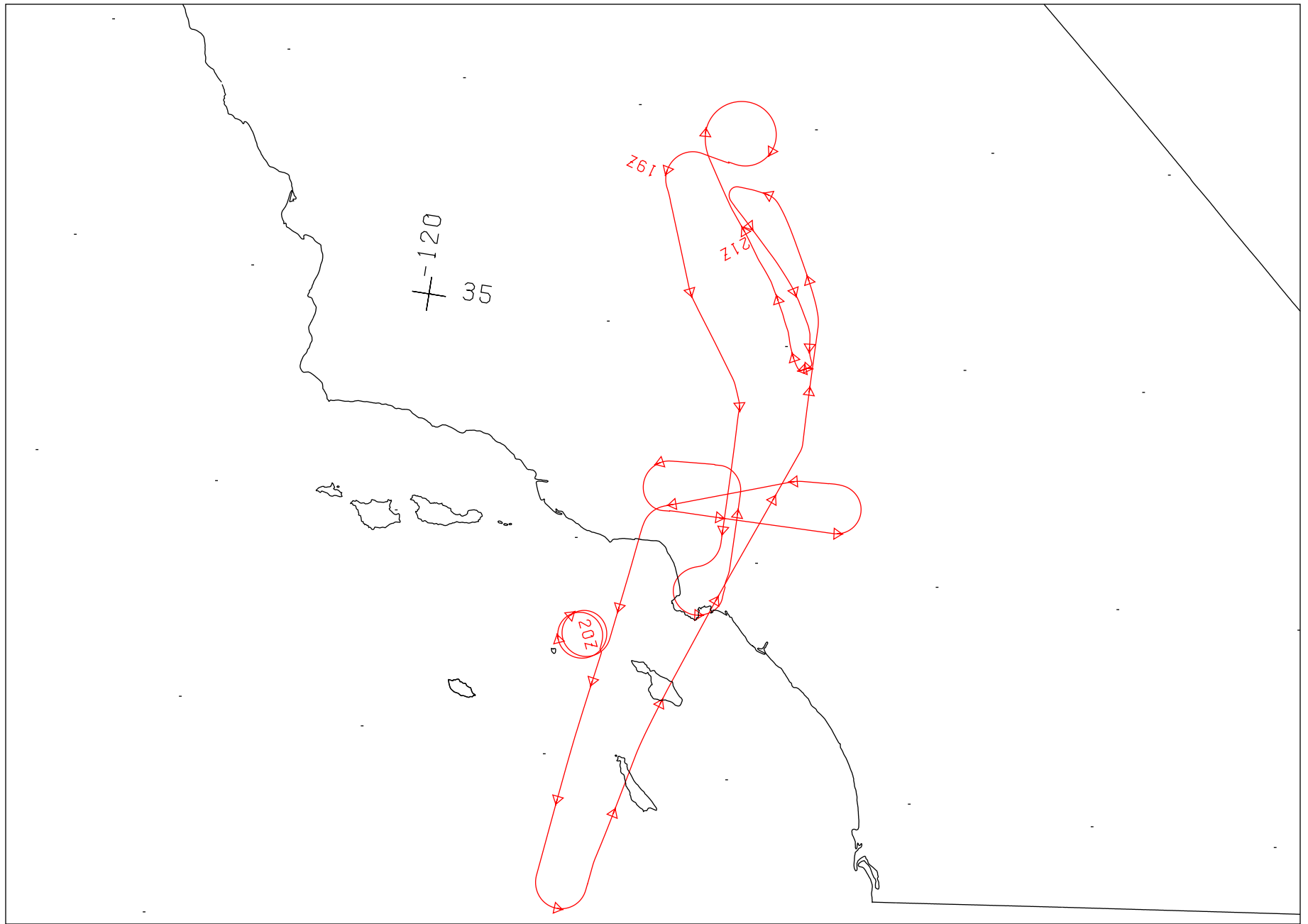
Sensor # 035

Check Points	Frame Numbers	Time (UTC-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
P - Q	0079-0083	20:43:57	20:46:53	62400/19355	Clear; light leak above right center fiducial

DAEDALUS FLIGHT DATA
 FLIGHT NUMBER: 00-001

Check Points	A c t u a l t i m e (GMT)		A c t u a l s c a n l i n e		Altitude feet/meter	ground s p e e d knots/mps	Scan Speed (rps)	total G o o d scanlines	total Interpolated scanlines	total Repeated scanlines
	b e g i n	e n d	b e g i n	e n d						
E-F	19:32:57.0	19:39:35.0	53270	58240	63399/19324	404/203	12.50	4971	0	0
G-E	19:45:18.0	19:50:00.0	62530	66060	63449/19339	420/211	12.50	3531	0	0
H-I	19:51:53.0	19:53:30.0	67470	68680	63561/19373	420/211	12.50	1211	0	0
I-J	19:53:37.0	19:56:02.0	68770	70580	63769/19437	416/209	12.50	1811	0	0
K-L	20:12:11.0	20:17:45.0	82690	86865	63009/19205	418/210	12.50	4176	0	0
M-N	20:23:03.0	20:27:03.0	90838	93838	62116/18933	405/203	12.50	3001	0	0
N-O	20:27:46.0	20:30:06.0	94380	96130	62143/18941	404/203	12.50	1751	0	0
O-P	20:30:15.0	20:41:53.0	96240	104970	62390/19016	395/198	12.50	8731	0	0
Q-R	20:42:23.0	20:46:57.0	105340	108761	62331/18998	391/196	12.50	3422	0	0

Note: Channels 1 and 8 unusable

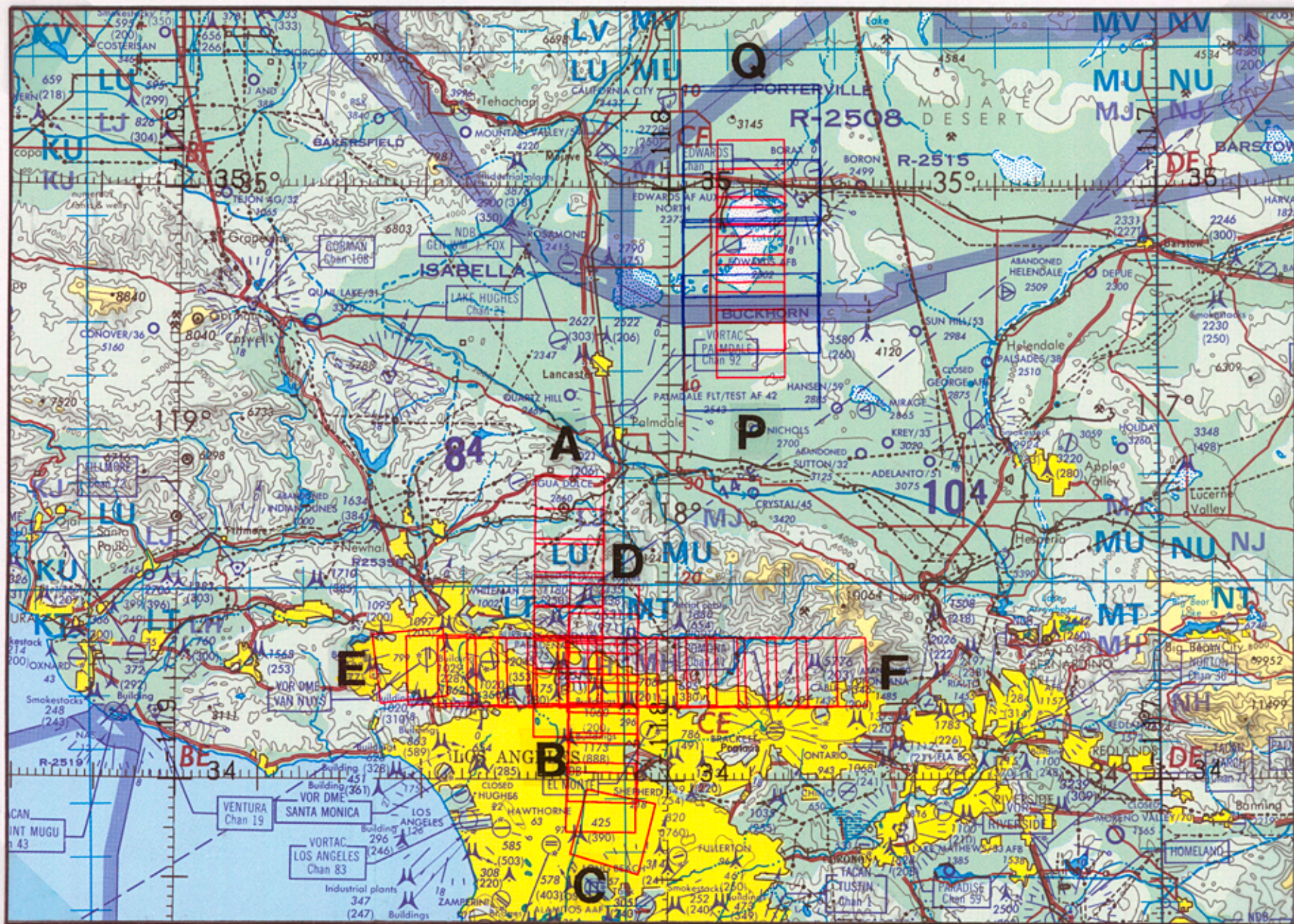


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RC-10 / AVIRIS / TMS



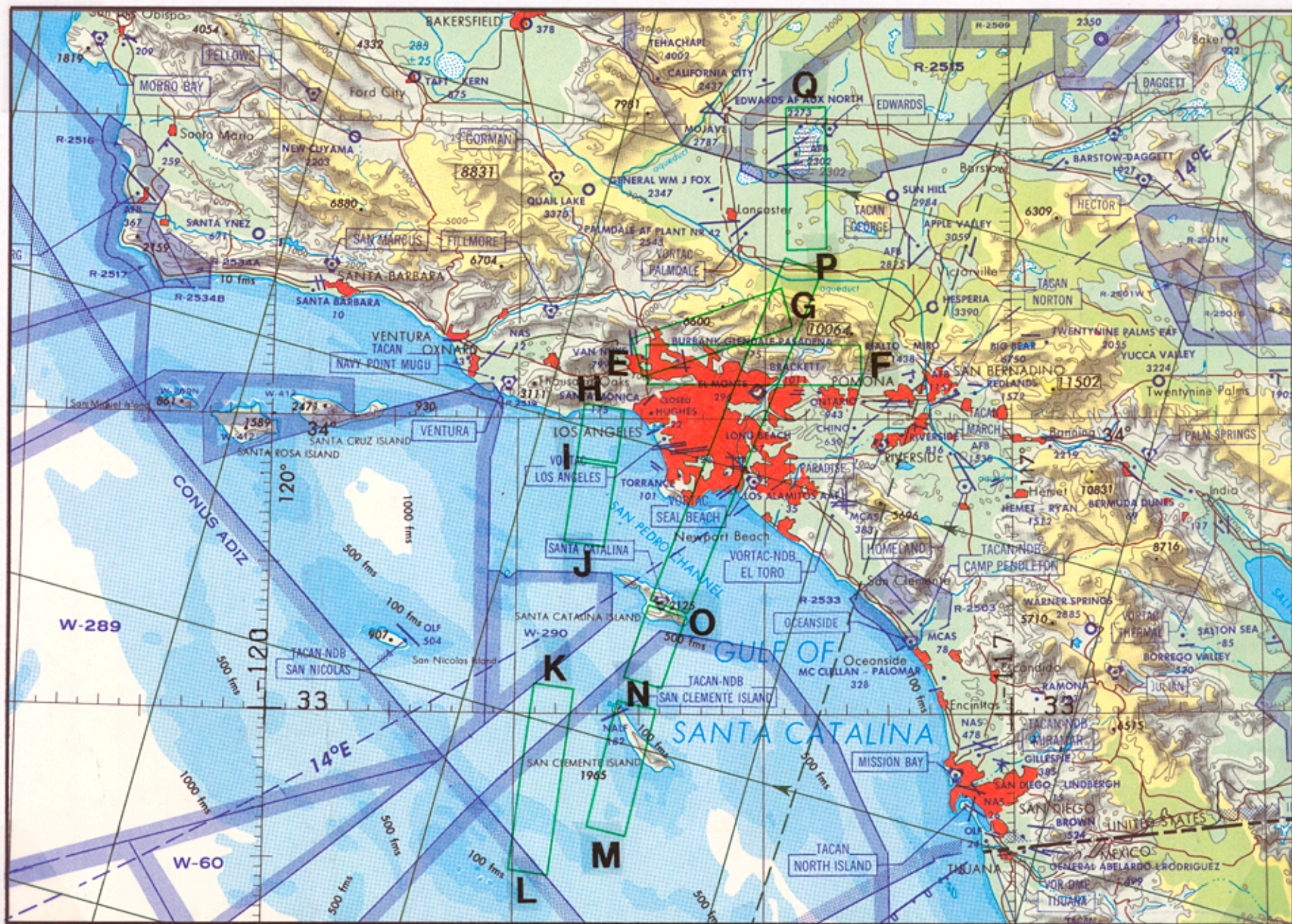
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RC-10

ONC G-18



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TMS

JNC 43