FLIGHT SUMMARY REPORT

Flight Number: 00-003

Calendar/Julian Date: 04 October 1999 • 277

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

Area(s) Covered: Southern California

Investigator(s): Roberts, UCSB **Aircraft #:** 806

SENSOR DATA

Accession #:	05412	-----	-----
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:	100	-----	-----
% Overlap:	60	-----	-----
Quality:	Excellent		Fair
Remarks:	Add 11 seconds for correct UTC		

CAMERA FLIGHT LINE DATA
FLIGHT NO. 00-003

Accession # 05412

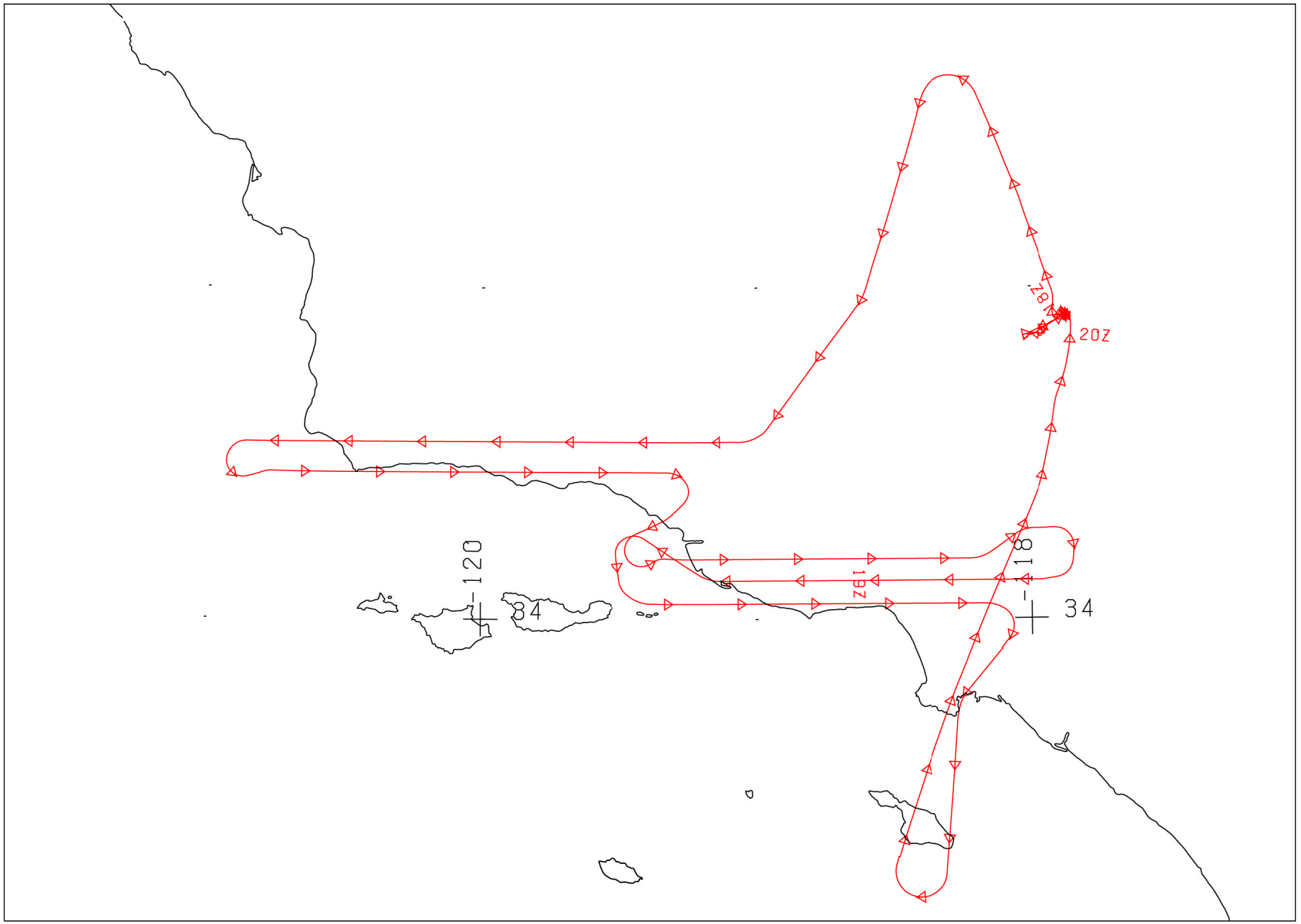
Sensor # 034

Check Points	Frame Numbers	Time (UTC-hr, min, sec) START	Time (UTC-hr, min, sec) END	Altitude, MSL feet/meters	Cloud Cover/Remarks
A - B	3726-3749	18:24:41	18:35:38	65000/19812	10-50% coastal stratus, frames 3747-3749
C - D	3750-3771	18:40:08	18:50:03	65500/19965	20-50% stratus (frames 3750-3751); 10-30% coastal stratus, frames 3763-3769
E - F	3772-3789	18:54:53	19:02:51	65000/19812	Clear; oblique frame 3772
G - H	3790-3807	19:08:22	19:16:18	65500/19965	Clear
I - J	3808-3825	19:22:11	19:30:04	65500/19965	Minor cumulus frames 3820-3822

DAEDALUS FLIGHT DATA
FLIGHT NUMBER: 00-003

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	18:24:29.0	18:37:21.0	25835	35485	65104/19844	414/208	12.50	9651	0	0
C-D	18:39:59.0	18:50:15.0	37455	45155	65452/19950	418/210	12.50	7701	0	0
E-F	18:55:33.0	19:03:07.0	49135	54805	64825/19759	416/209	12.50	5671	0	0
G-H	19:08:19.0	19:16:30.0	58705	64845	65300/19903	418/210	12.50	6141	0	0
I-J	19:21:58.0	19:30:47.0	68935	75555	65379/19928	410/206	12.50	6621	0	0
K-L	19:35:18.0	19:39:06.0	78945	81785	65383/19929	411/206	12.50	2841	0	0

Note: Channels 1 and 8 are unusable.



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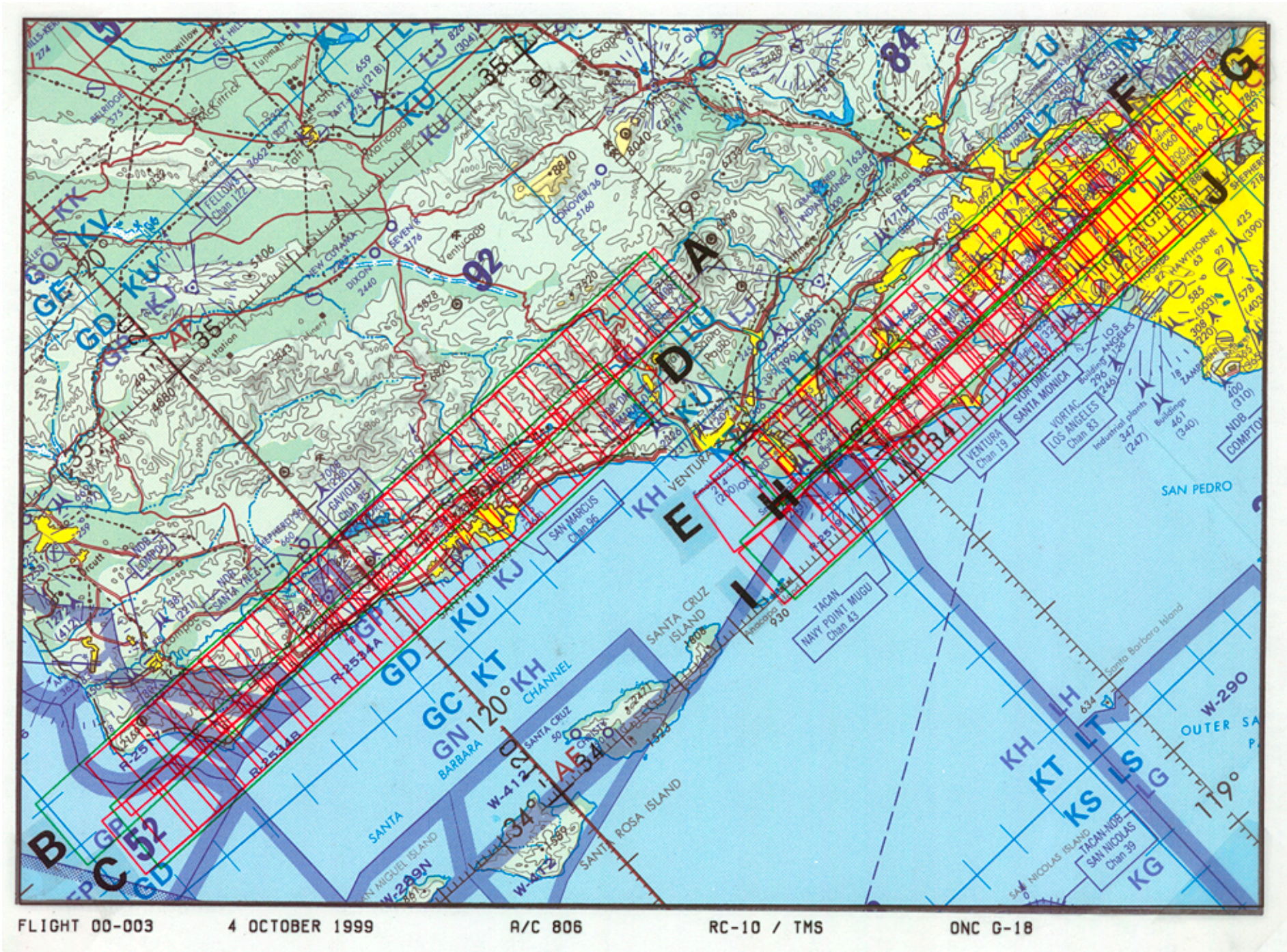

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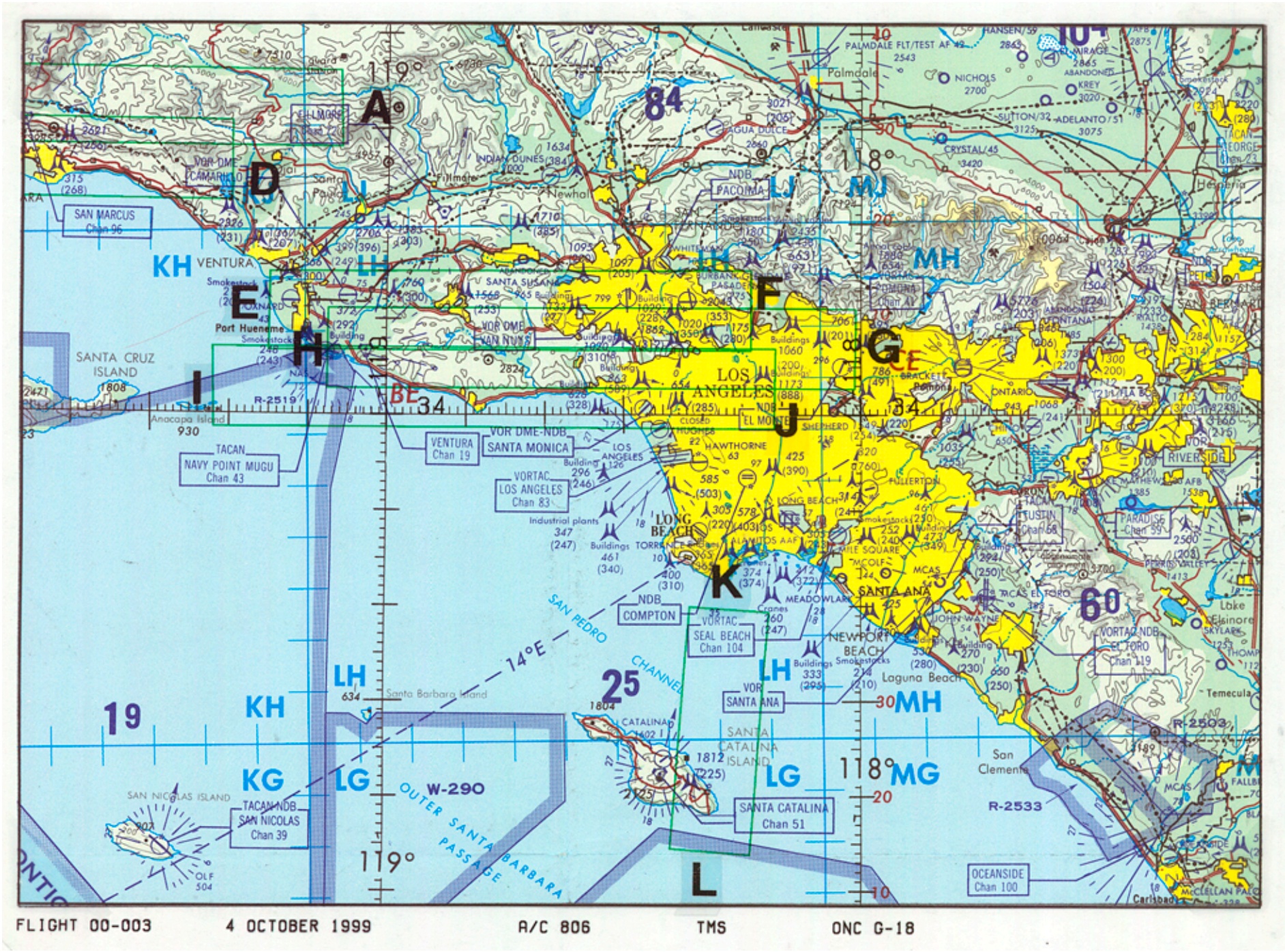

FLIGHT 00-003 4 OCTOBER 1999 A/C 806 TMS ONC G-18