

MAC EUROPE FLIGHT SUMMARY REPORT

Flight #:	91-111		
Date:	29 June 1991		
Sensor Package:	Airborne Visible and Infrared Imaging Spectrometer (AVIRIS) Thematic Mapper Simulator (TMS) Wild-Heerbrug RC-10		
Area(s) Covered:	Spain		
Investigator(s):	Jochum, DLR	Aircraft #:	706
Flight Request:	91R273B	Julian Date:	180

SENSOR DATA

Accession #:	----	----	04245
Sensor ID #:	099	101	026
Sensor Type:	AVIRIS	TMS	RC-10
Focal Length:	----	----	12" 304.97 mm
Film Type:	----	----	High Definition Aerochrome IR SO-131
Filtration:	----	----	cc.10B
Spectral Band:	----	----	510-900 nm
f Stop:	----	----	4
Shutter Speed:	----	----	1/125
# of Frames:	----	----	95
% Overlap:	----	----	60
Quality:	----	----	Excellent
Remarks:			

**AVIRIS FLIGHT LINE DATA
FLIGHT NO. 91-111**

Sites	Flight Lines	Time Acquired	Latitude 1	Longitude 1	Latitude 2	Longitude 2
Castilla-La Mancha, Spain	A - B	10:00:00	39-10.0	02-12.0	38-52.0	02-12.0
Castilla-La Mancha, Spain	C - D	10:07:00	38-52.0	02-05.0	39-10.0	02-05.0
Castilla-La Mancha, Spain	E - F	10:18:00	39-03.0	01-58.0	39-09.0	03-01.0
Castilla-La Mancha, Spain	G - H	10:31:00	39-08.0	03-05.0	38-50.0	02-43.0
Castilla-La Mancha, Spain	I - J	10:42:00	39-04.0	02-58.0	39-40.0	02-33.0
Castilla-La Mancha, Spain	K - L	10:55:00	39-40.0	02-42.0	38-57.0	01-58.0

TMS FLIGHT LINE DATA

FLIGHT NO. 91-111

DAEDALUS FLIGHT DATA
FLIGHT NUMBER: 91-111

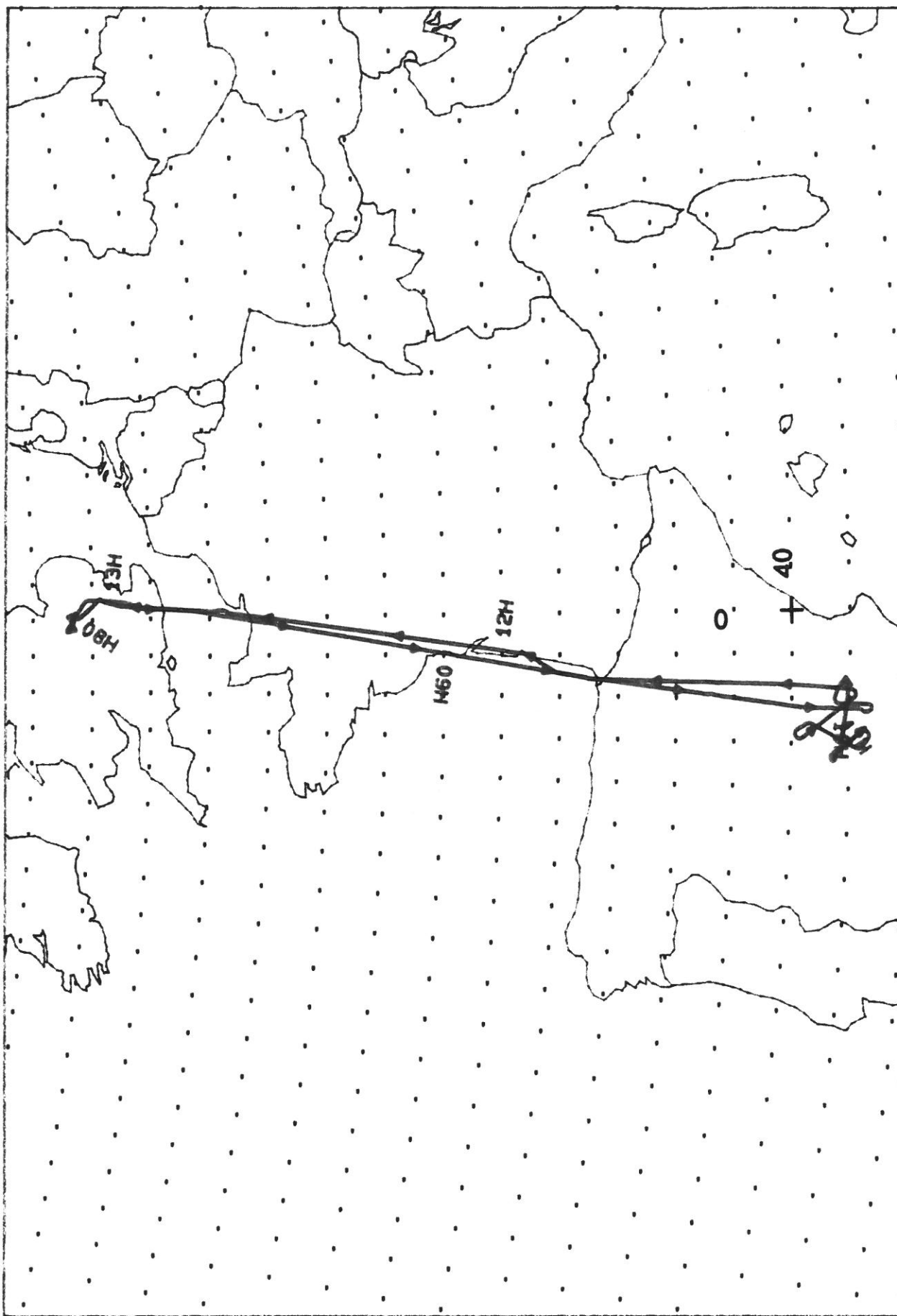
Check Points	A c t u a l t i m e b e g i n	(GMT) e n d	A c t u a l s c a n l i n e b e g i n	e n d	A l t i t u d e f e e t / m e t e r	Scan S p e e d (rps)	t o t a l G o o d s c a n l i n e s	t o t a l I n t e r p o l a t e d s c a n l i n e s	t o t a l R e p e a t e d s c a n l i n e s
A-B	09:59:56.0	10:03:26.0	100577	103202	65000/19812	12.50	2620	1	5
C-D	10:07:31.0	10:11:14.0	106265	109048	65000/19812	12.50	2779	0	5
E-F	10:17:44.0	10:26:08.0	113923	120228	65000/19812	12.50	6296	0	10
G-H	10:31:18.0	10:36:04.0	124104	127677	65000/19812	12.50	3564	2	8
I-J	10:42:04.0	10:49:19.0	132182	137616	65000/19812	12.50	5424	1	10
K-L	10:55:00.0	11:04:00.0	141977	149114	65000/19812	12.50	7136	0	2

**CAMERA FLIGHT LINE DATA
FLIGHT NO. 91-111**

Accession # 04245

Sensor # 026

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	4161-4168	10:00:02	10:03:17	65000/19800	Clear
C - D	4169-4178	10:07:35	10:11:23	"	Clear
E - F	4179-4198	10:17:48	10:25:56	"	Clear
G - H	4199-4210	10:31:23	10:36:07	"	10% minor cumulus (frames 4207-4208)
I - J	4211-4228	10:42:05	10:49:15	"	Clear
K - L	4229-4250	10:55:12	11:04:34	"	Clear
M - N	4251-4255	12:18:38	12:19:39	"	30% scattered cumulus (frames 4251-4255)



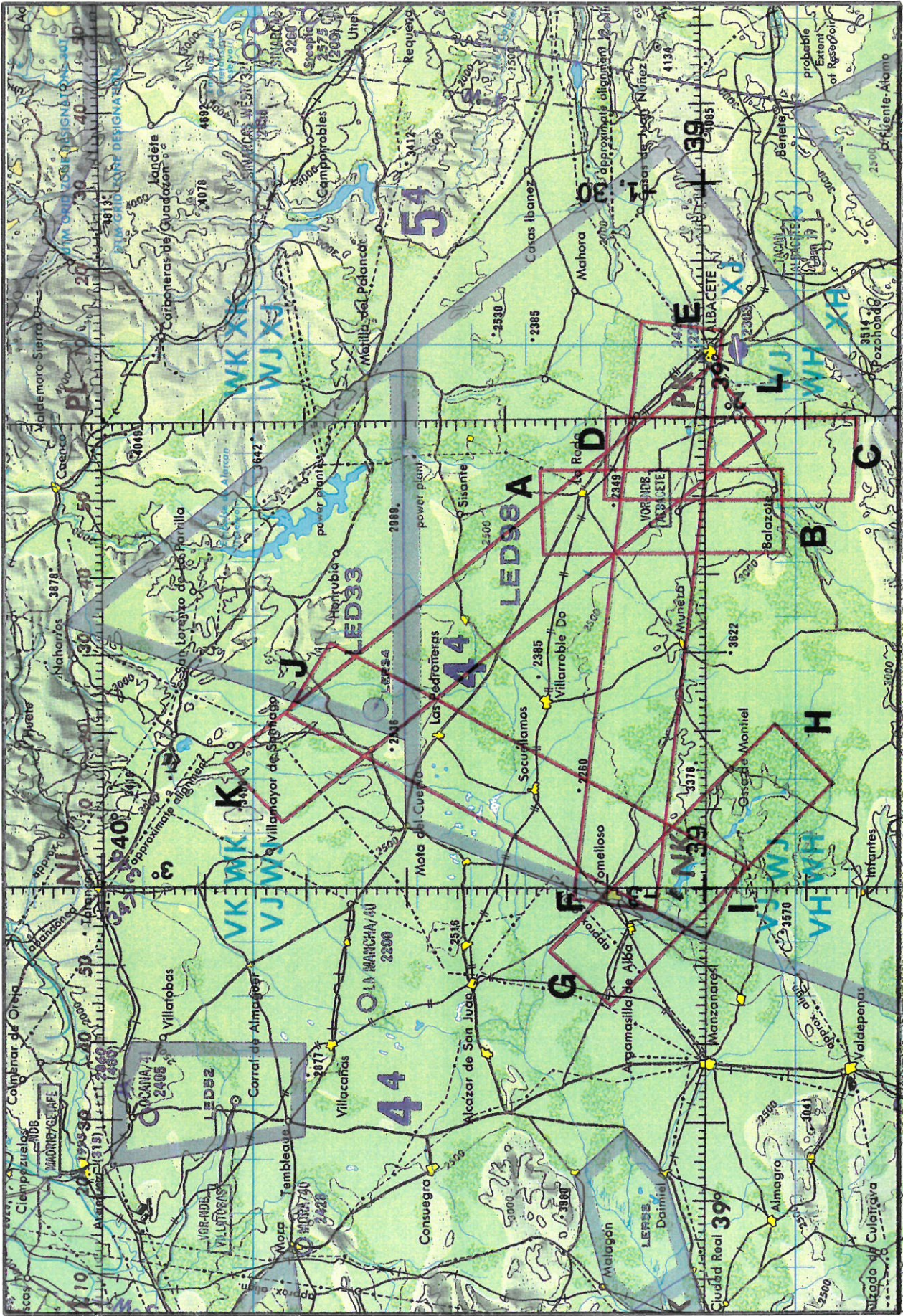
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A/C 706

AVIRIS / TMS / RC-10





ONC 6-1

Thematic Mapper Simulator (TMS)

A/C 706

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