

MAC EUROPE FLIGHT SUMMARY REPORT

Flight #:	91-110		
Date:	28 June 1991		
Sensor Package:	Airborne Visible and Infrared Imaging Spectrometer (AVIRIS) Thematic Mapper Simulator (TMS) Wild-Heerbrug RC-10		
Area(s) Covered:	France		
Investigator(s):	Baret, INRA Green, JPL	Aircraft #:	706
Flight Request:	91R275, 91L265	Julian Date:	179

SENSOR DATA

Accession #:	----	----	04244
Sensor ID #:	099	101	035
Sensor Type:	AVIRIS	TMS	RC-10
Focal Length:	----	----	6" 153.46 mm
Film Type:	----	----	High Definition Aerochrome IR SO-131
Filtration:	----	----	cc.10B
Spectral Band:	----	----	510-900 nm
f Stop:	----	----	4
Shutter Speed:	----	----	1/75
# of Frames:	----	----	34
% Overlap:	----	----	60
Quality:	----	----	Poor
Remarks:			Edge defocus due to color compensation filter buckling

**AVIRIS FLIGHT LINE DATA
FLIGHT NO. 91-110**

Sites	Flight Lines	Time Acquired	Latitude 1	Longitude 1	Latitude 2	Longitude 2
La Crau, France	A - B	10:30:00	43-40.0	04-51.8	43-20.0	04-51.8
La Crau, France	A - B	10:45:00	43-40.0	04-51.8	43-20.0	04-51.8
La Crau, France	A - B	11:11:00	43-40.0	04-51.8	43-20.0	04-51.8
Crau-Camargue, France	C - D	11:27:00	43-32.4	04-28.4	43-50.2	04-28.4
La Crau, France	A - B	11:39:00	43-40.0	04-51.8	43-20.0	04-51.8
La Crau, France	A - B	11:56:00	43-40.0	04-51.8	43-20.0	04-51.8

TMS FLIGHT LINE DATA

FLIGHT NO. 91-110

DAEDALUS FLIGHT DATA
FLIGHT NUMBER: 91-110

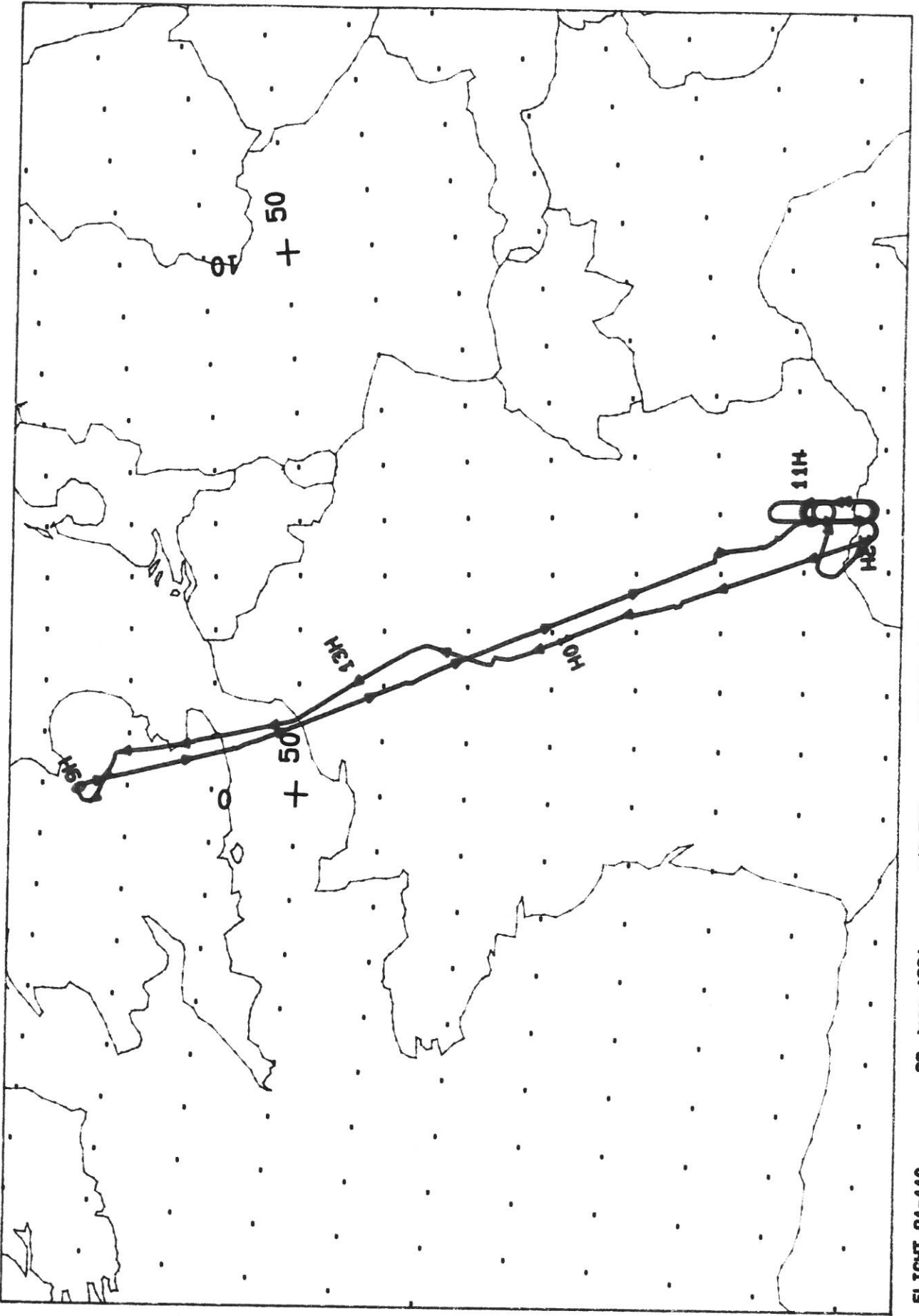
Check Points	Actual time begin	Actual time end (GMT)	Actual scanline begin	Actual scanline end	Altitude feet/meter	Scan Speed (rps)	total Good scanlines	total Interpolated scanlines	total Repeated scanlines
A-B	10:30:25.0	10:34:12.0	76205	79035	65000/19812	12.50	2831	0	0
A-B	10:45:24.0	10:49:49.0	87444	90749	65000/19812	12.50	3304	0	2
A-B	11:10:25.0	11:15:3.0	106196	109672	65000/19812	12.50	3468	0	9
C-D	11:26:48.0	11:31:15.0	118491	121818	65000/19812	12.50	3317	0	11
A-B	11:39:8.0	11:43:26.0	127741	130965	65000/19812	12.50	3222	0	3
A-B	11:56:12.0	12:00:42.0	140532	143911	65000/19812	12.50	3360	2	18

**CAMERA FLIGHT LINE DATA
FLIGHT NO. 91-110**

Accession # 04244

Sensor # 035

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	4121-4125	10:30:27	10:34:12	65000/19800	30% cumulus (frames 4121-4125)
A - B	4126-4130	10:45:42	10:49:26	"	20-30% cumulus (frames 4126-4130)
A - B	4131-4136	11:10:31	11:14:19	"	10-30% cumulus (frames 4131-4136)
C - D	4137-4142	11:26:54	11:30:42	"	90-20% cumulus (frames 4137-4142)
A - B	4143-4148	11:39:14	11:43:02	"	10-30% cumulus (frames 4143-4148)
A - B	4149-4154	11:56:18	12:00:06	"	10-20% cumulus (frames 4149-4154)

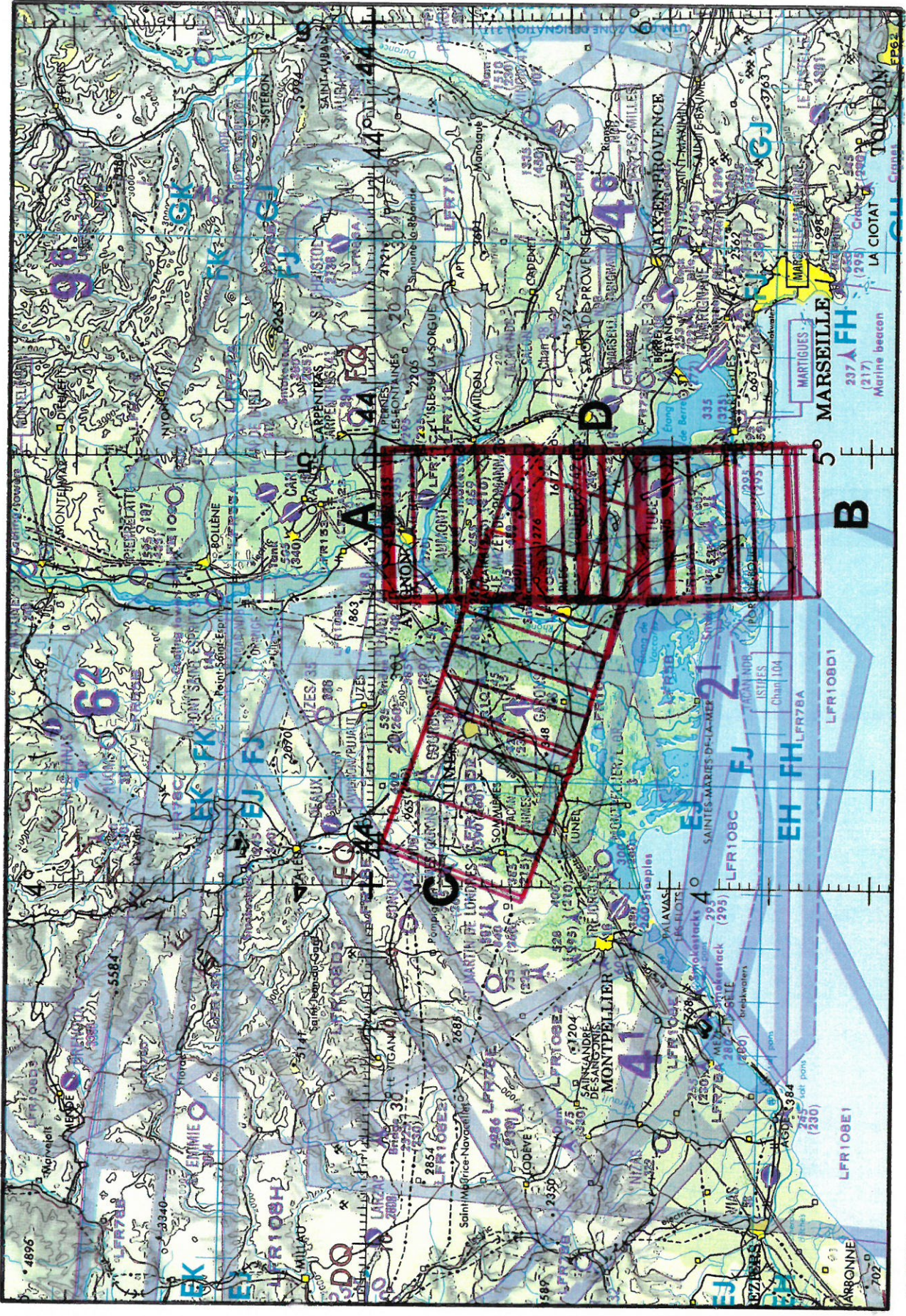


FLIGHT 91-110

28 June 1991

A/C 706

AVIRIS / TMS / RC-10



FLIGHT 91-110

28 June 1991

A/C 706

RC-10 Accession # 04244

MACEUR Mission 6B

ONC F-2

