

MAC EUROPE FLIGHT SUMMARY REPORT

Flight #: 91-108
Date: 24 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
 Hill, CECJRC
 LeToan, CESR
Flight Request: 91R275, 91L265, 91R277, 91R251B

Aircraft #: 706
Julian Date: 175

SENSOR DATA

Accession #:	-----	-----	04243
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:	-----	-----	58
% Overlap:	-----	-----	60
Quality:	-----	-----	Good
Remarks:			

AVIRIS FLIGHT LINE DATA
FLIGHT NO. 91-108

Sites	Flight Lines	Time Acquired	Latitude 1	Longitude 1	Latitude 2	Longitude 2
Ardeche, France	A - B	10:51:00	44-27.2	04-11.1	44-19.8	04-20.9
Landes Forest, France	G - H	13:07:00	44-33.2	00-54.0	44-34.5	01-08.0
Landes Forest, France	I - J	13:17:00	44-39.5	01-00.0	44-28.0	01-02.0
Landes Forest, France	K - L	13:27:00	44-38.5	00-52.6	44-48.0	00-51.6

TMS FLIGHT LINE DATA

FLIGHT NO. 91-108

DAEDALUS FLIGHT DATA
FLIGHT NUMBER: 91-108

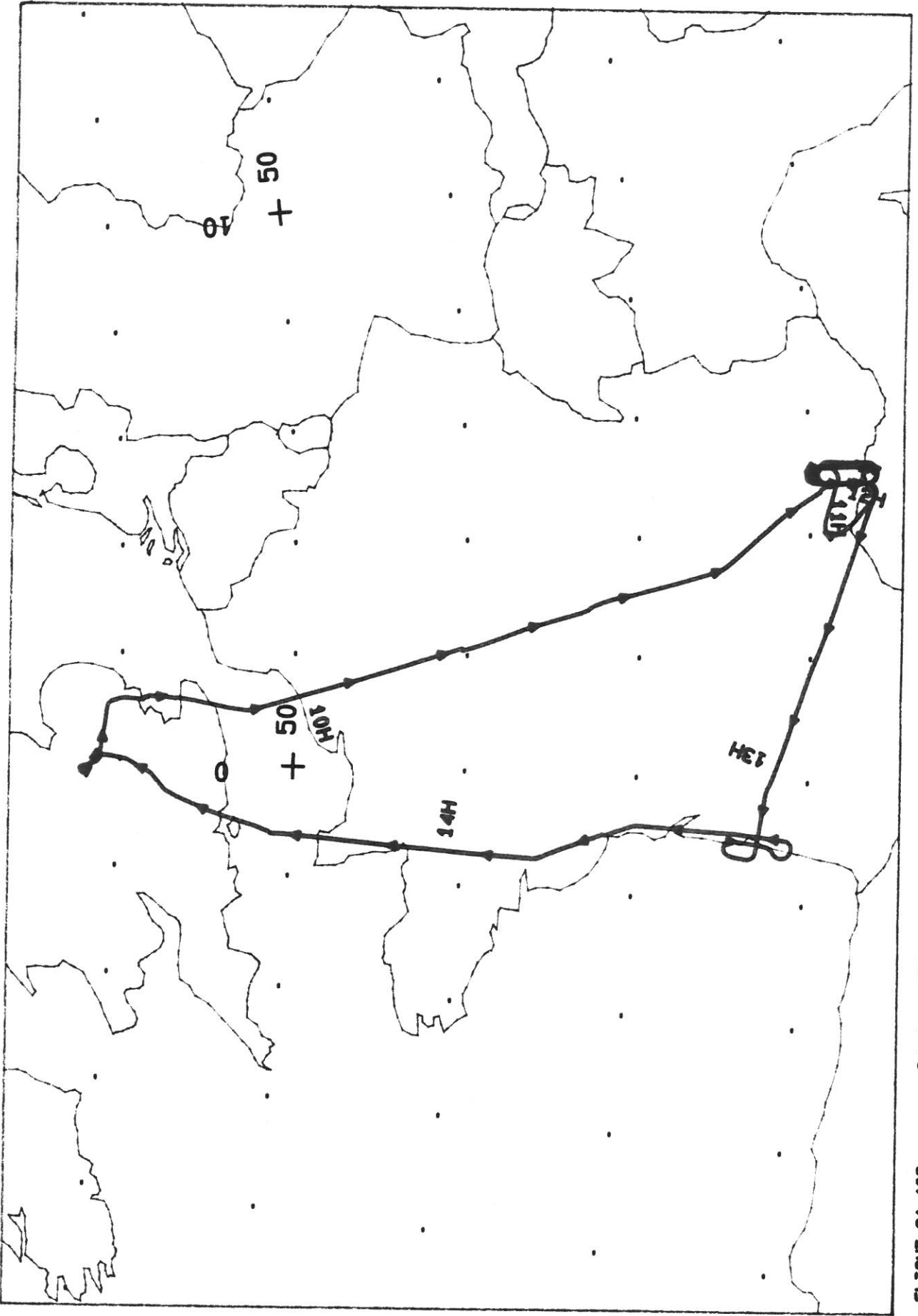
Check Points	A c t u a l t i m e b e g i n	A c t u a l s c a n l i n e b e g i n	A l t i t u d e f e e t / m e t e r	S c a n S p e e d (r p s)	t o t a l G o o d s c a n l i n e s	t o t a l I n t e r p o l a t e d s c a n l i n e s	t o t a l R e p e a t e d s c a n l i n e s		
A-B	10:50:53.0	10:53:48.0	75410	77590	65000/19812	12.50	2171	0	10
C-D	11:12:10.0	11:15:59.0	91366	94228	65000/19812	12.50	2856	0	7
C-D	11:27:37.0	11:31:56.0	102959	106192	65000/19812	12.50	3225	0	9
C-D	11:42:23.0	11:46:45.0	114092	117301	65000/19812	12.50	3202	0	8
E-F	11:57:22.0	12:01:18.0	125268	128222	65000/19812	12.50	2952	0	3
C-D	12:08:40.0	12:13:2.0	133053	137023	65000/19812	12.50	3165	0	6
C-D	12:24:42.0	12:28:57.0	145779	148962	65000/19812	12.50	3180	0	4
G-H	13:07:5.0	13:10:9.0	177568	179863	65000/19812	12.50	2285	0	11
I-J	13:16:26.0	13:19:28.0	184581	186857	65000/19812	12.50	2272	0	5
K-L	13:26:44.0	13:29:27.0	192009	194349	65000/19812	12.50	2039	0	2

**CAMERA FLIGHT LINE DATA
FLIGHT NO. 91-108**

Accession # 04243

Sensor # 035

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	4046-4049	10:51:57	10:54:44	65000/19800	10% cumulus (frames 4046-4047); 20% cirrus (frame 4049)
C - D	4050-4056	11:13:12	11:17:00	"	10% cirrus (frames 4053-4055)
C - D	4057-4062	11:28:32	11:32:19	"	10-20% cirrus (frames 4057-4058)
C - D	4063-4068	11:43:28	11:47:15	"	10-30% cirrus (frames 4063-4064)
E - F	4069-4074	11:58:17	12:02:03	"	Very thin cirrus (frames 4071-4074)
C - D	4075-4081	12:09:45	12:13:56	"	10% thin cirrus (frames 4075-4079)
C - D	4082-4088	12:25:37	12:29:51	"	10% thin cirrus (frames 4082-4085)
G - H	4089-4093	13:08:03	13:10:54	"	10-20% cumulus (frames 4089-4092)
I - J	4094-4098	13:17:26	13:20:17	"	Clear
K - L	4099-4103	13:27:43	13:30:24	"	Very minor scattered cumulus (frames 4099-4103)



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AVIRIS / TMS / RC-10



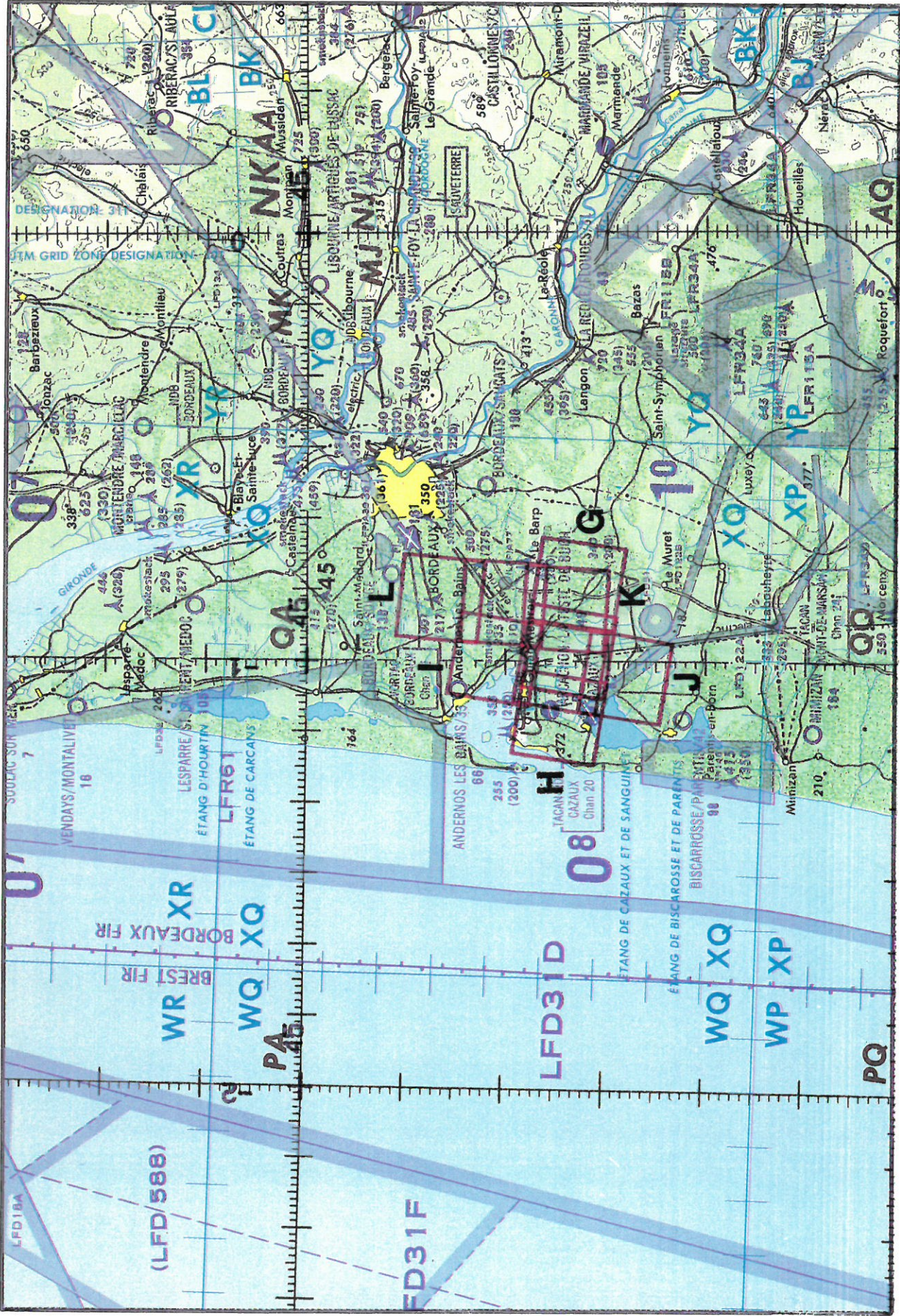
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A/C 706

AVIRIS/TMS

ONC F-2



DESIGNATION: 311
 UTM GRID ZONE DESIGNATION: 311

ONG F-1

AVIRIS/TMS

A/C 706

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FLIGHT 91-103