

# MAC EUROPE FLIGHT SUMMARY REPORT

**Flight #:** 91-117  
**Date:** 17 July 1991  
**Sensor Package:** Airborne Visible and Infrared Imaging Spectrometer (AVIRIS)  
 Thematic Mapper Simulator (TMS)  
 Wild-Heerbrug RC-10  
**Area(s) Covered:** France, Netherlands  
**Investigator(s):** Vidal-Madjar, CNET/CNRS-CRPE  
 Wensink, Delft Hydraulics  
**Flight Request:** 91R250, 91R286B  
**Aircraft #:** 706  
**Julian Date:** 198

## SENSOR DATA

<b>Accession #:</b>	-----	-----	04255
<b>Sensor ID #:</b>	099	101	026
<b>Sensor Type:</b>	AVIRIS	TMS	RC-10
<b>Focal Length:</b>	-----	-----	12" 304.97 mm
<b>Film Type:</b>	-----	-----	High Definition Aerochrome IR SO-131
<b>Filtration:</b>	-----	-----	cc.10B
<b>Spectral Band:</b>	-----	-----	510-900 nm
<b>f Stop:</b>	-----	-----	4
<b>Shutter Speed:</b>	-----	-----	1/125
<b># of Frames:</b>	-----	-----	36
<b>% Overlap:</b>	-----	-----	60
<b>Quality:</b>	-----	-----	Excellent
<b>Remarks:</b>			

**AVIRIS FLIGHT LINE DATA**  
**FLIGHT NO. 91-117**

Sites	Flight Lines	Time Acquired	Latitude 1	Longitude 1	Latitude 2	Longitude 2
Orgeval, France	A - B	10:38:00	48-58.0	03-12.5	48-48.0	03-12.5
Noordwijk, Netherlands	E - F	12:45:00	52-29.1	03-44.0	52-15.6	04-20.6
Noordwijk, Netherlands	K - L	13:06:00	52-33.4	04-13.6	52-10.8	03-51.2

# TMS FLIGHT LINE DATA

## FLIGHT NO. 91-117

DAEDALUS FLIGHT DATA  
FLIGHT NUMBER: 91-117

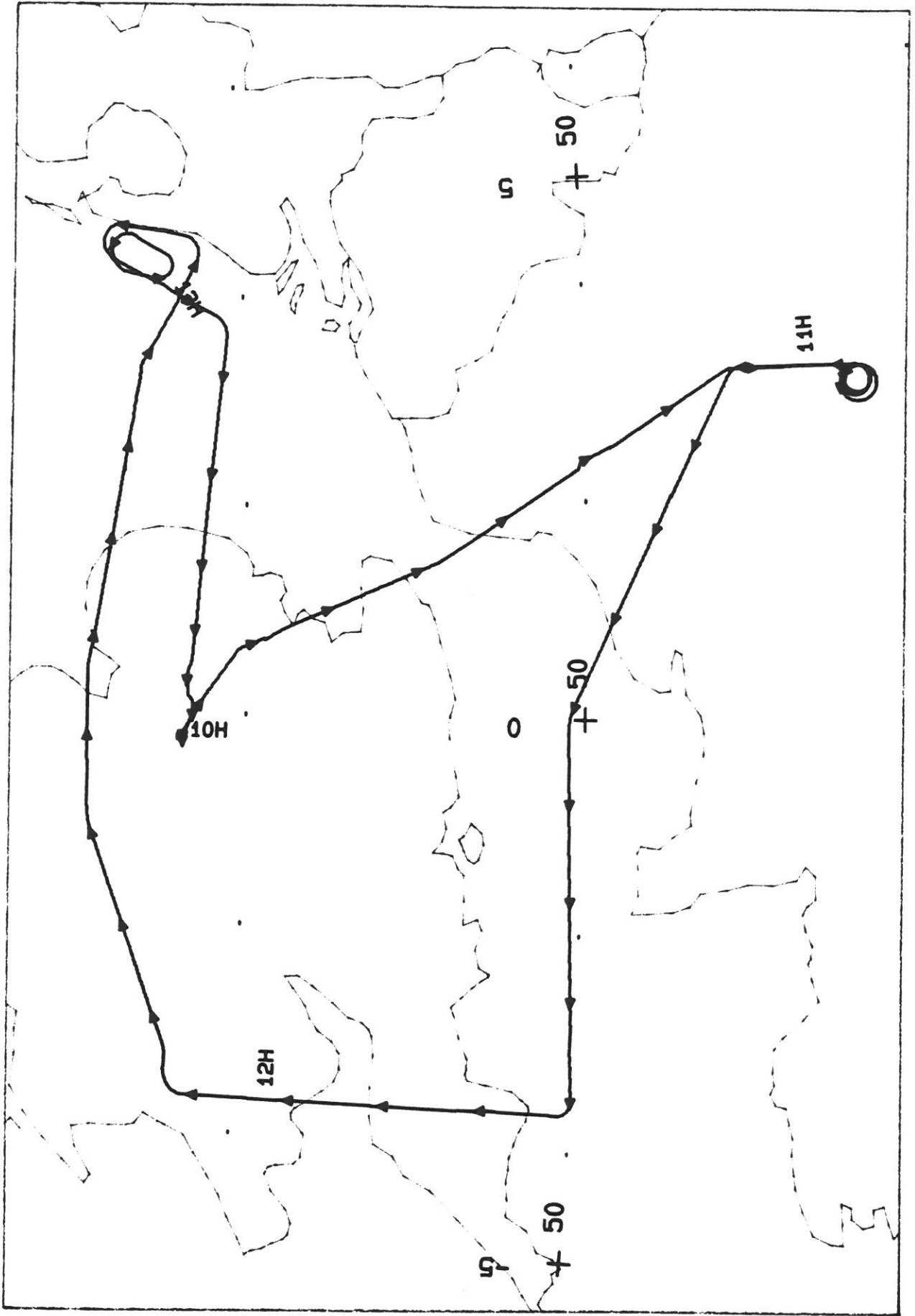
Check Points	A c t u a l t i m e b e g i n	(GMT) e n d	A c t u a l s c a n l i n e b e g i n	e n d	Altitude feet/meter	Scan Speed (rps)	total G o o d s c a n l i n e s	total I n t e r p o l a t e d s c a n l i n e s	total R e p e a t e d s c a n l i n e s
A-B	10:37:59.0	10:40:20.0	37838	39598	65000/19812	12.50	1747	0	14
C-D	11:00:30.0	11:02:58.0	54713	56571	65000/19812	12.50	1857	0	2
E-F	12:44:58.0	12:49:29.0	133654	136443	65000/19812	12.50	3376	0	14
I-J	12:58:2.0	12:59:7.0	142845	143662	65000/19812	12.50	818	0	0
K-L	13:06:15.0	13:10:54.0	149007	152450	65000/19812	12.50	3478	0	15

**CAMERA FLIGHT LINE DATA**  
**FLIGHT NO. 91-117**

Accession # 04255

Sensor # 026

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	8153-8157	10:38:39	10:40:34	65000/19800	20-30% cumulus (frames 8153-8157)
C - D	8158-8163	11:01:09	11:03:31	"	20-50% cumulus (frames 8158-8163)
E - F	8164-8174	12:45:28	12:50:08	"	10-20% cumulus (frames 8166-8171)
G - H	8175-8176	12:52:56	12:53:25	"	10-30% cumulus (frames 8175-8176)
I - J	8177-8180	12:58:37	12:59:38	"	10-30% scattered cumulus (frames 8177-8180)
K - L	8181-8192	13:06:49	13:11:35	"	10-30% scattered cumulus (frames 8181-8190)

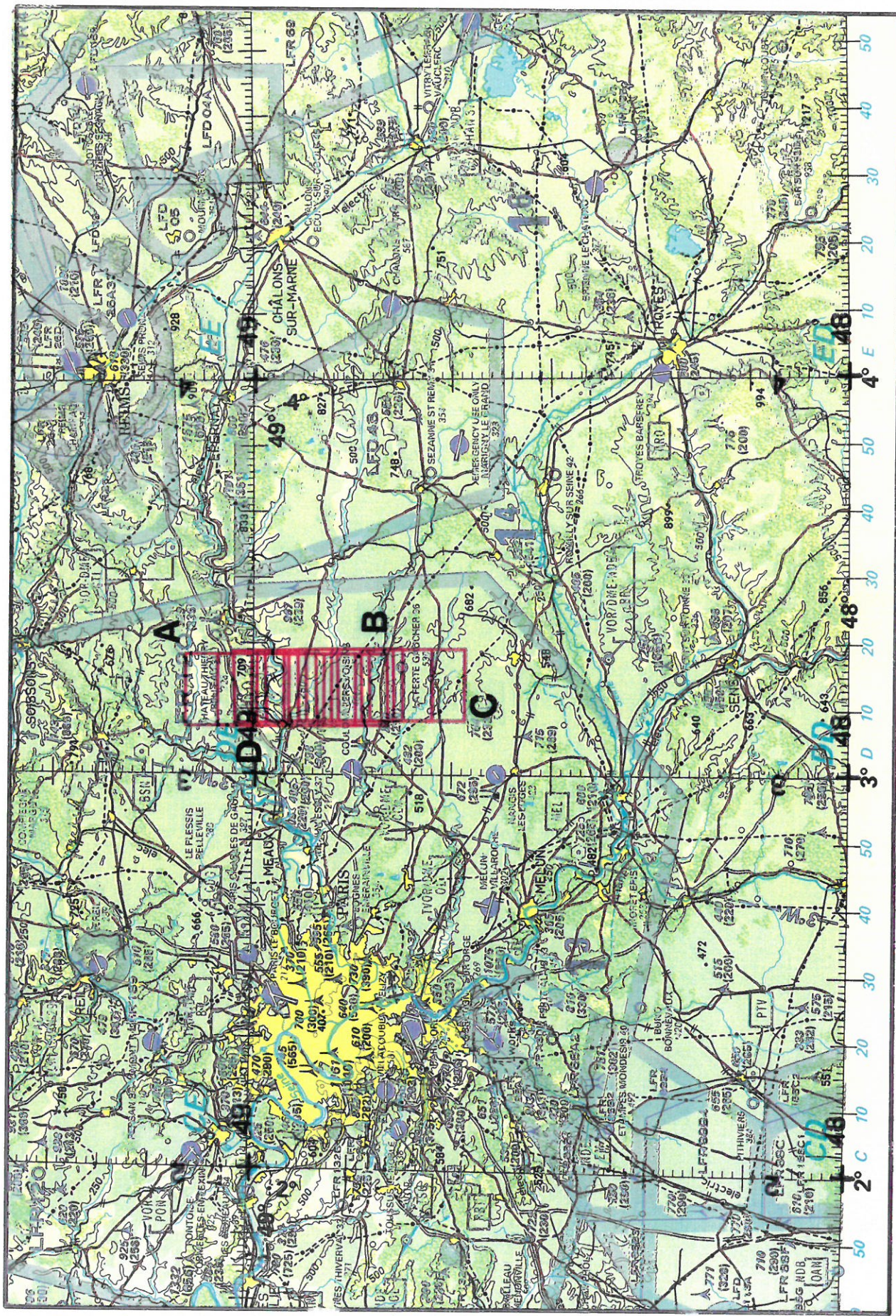


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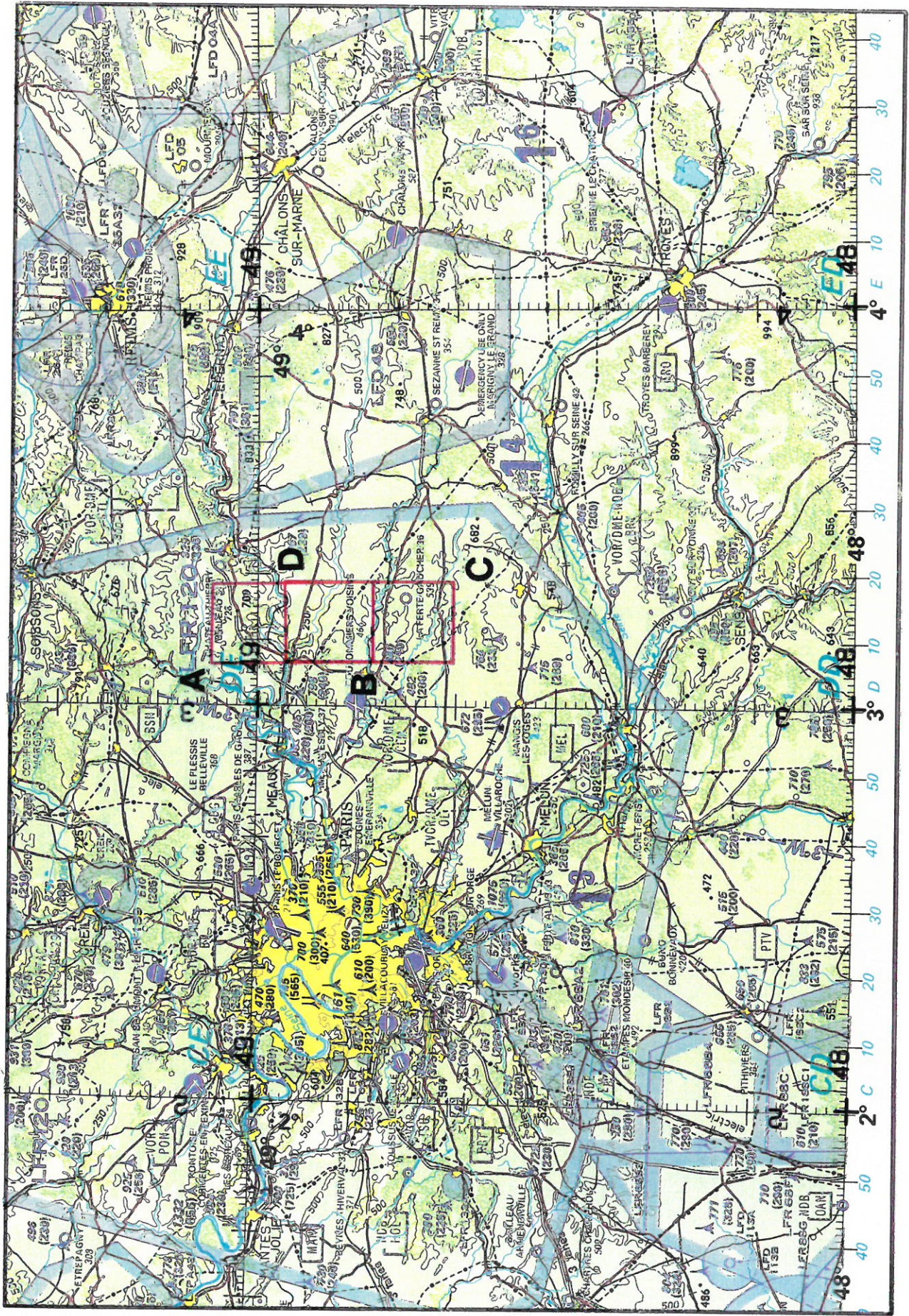
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AVIRIS / TMS / RC-10

Accession # 04255

ONC E-2



FLIGHT 91-117

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Thematic Mapper Simulator (TMS)

ONC E-2



