

# MAC EUROPE FLIGHT SUMMARY REPORT

**Flight #:** 91-119  
**Date:** 22 July 1991  
**Sensor Package:** Airborne Visible and Infrared Imaging Spectrometer (AVIRIS)  
 Thematic Mapper Simulator (TMS)  
 Wild-Heerbrug RC-10  
**Area(s) Covered:** Germany, Austria, France  
**Investigator(s):** Fung, U. of Texas  
 Jochum, DLR  
 Nithack, DLR  
 Peterson, NASA-ARC  
 Ustin, U. of California/Sieber, JRCIRSA  
 Vidal-Madjar, CRPE  
**Aircraft #:** 706  
**Flight Request(s):** 91L257B, 91R272, 91R263B, 91L267B,  
 91L268B, 91R250  
**Julian Date:** 203

## SENSOR DATA

<b>Accession #:</b>	-----	-----	04258
<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>	-----	-----	82
<b>% Overlap:</b>	-----	-----	60
<b>Quality:</b>	-----	-----	Excellent
<b>Remarks:</b>	Data available, but not released due to cloud cover		

# TMS FLIGHT LINE DATA

## FLIGHT NO. 91-119

DAEDALUS FLIGHT DATA  
FLIGHT NUMBER: 91-119

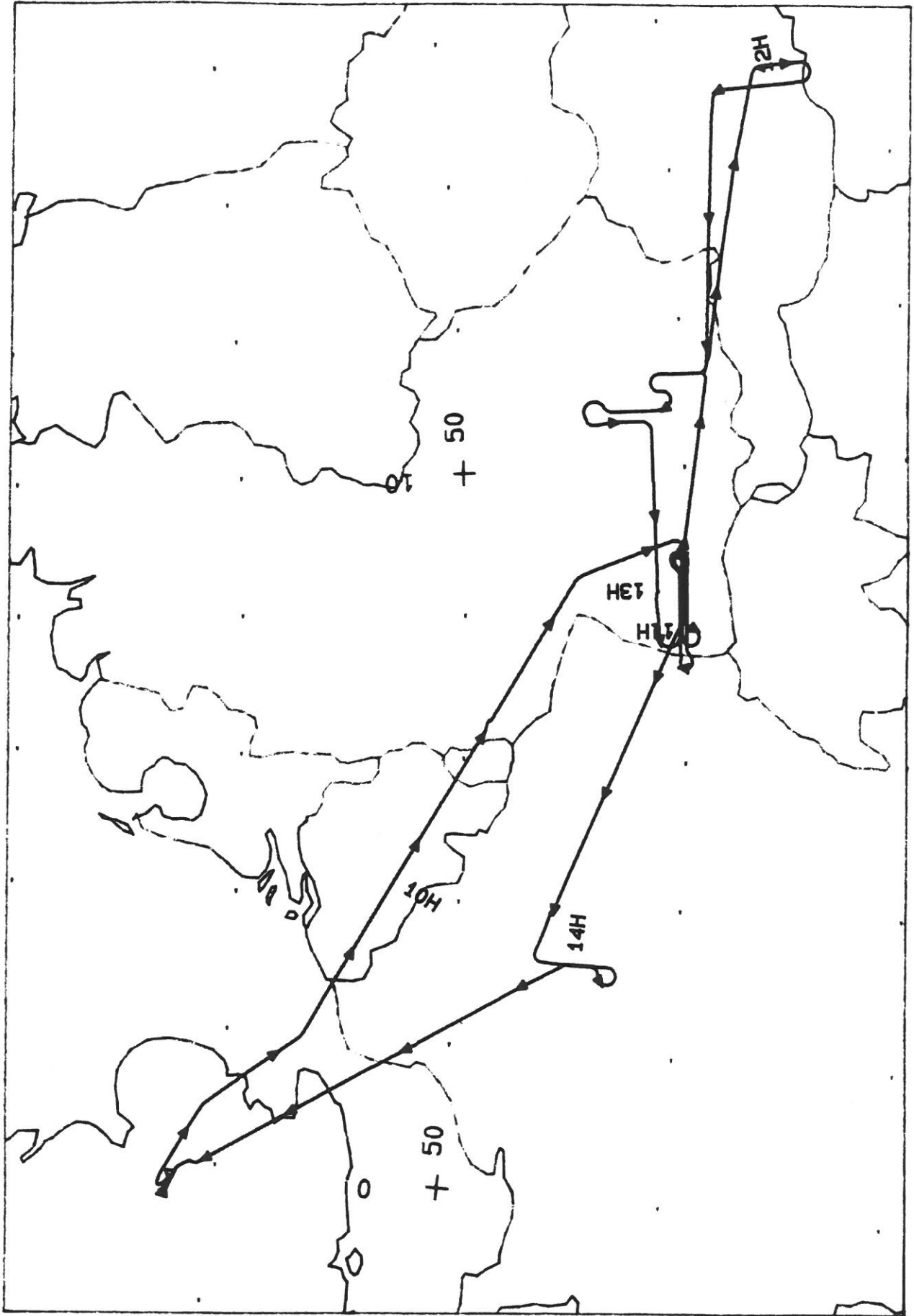
Check Points	A c t u a l t i m e b e g i n e n d (GMT)	A c t u a l s c a n l i n e b e g i n e n d	A l t i t u d e f e e t / m e t e r	S c a n S p e e d (r p s)	t o t a l G o o d s c a n l i n e s	t o t a l I n t e r p o l a t e d s c a n l i n e s	t o t a l R e p e a t e d s c a n l i n e s
A-B	10:38:32.0 10:42:25.0	64438 67345	65000/19812	12.50	2899	0	9
B-A	10:47:33.0 10:51:28.0	71194 74130	65000/19812	12.50	2921	0	16
A-B	10:55:24.0 11:01:43.0	77086 81813	65000/19812	12.50	4713	0	15
B-A	11:07:21.0 11:11:16.0	86044 88982	65000/19812	12.50	2932	0	7
C-D	11:44:21.0 11:51:13.0	113787 118941	65000/19812	12.50	5118	0	37
E-F	11:58:33.0 12:03:49.0	124425 129001	65000/19812	12.50	3858	0	89
G-H	12:27:36.0 12:29:59.0	146214 148002	65000/19812	12.50	1787	0	2
I-J	12:35:36.0 12:38:26.0	152212 154339	65000/19812	12.50	2119	0	9
K-L	12:43:56.0 12:46:39.0	158467 160505	65000/19812	12.50	2039	0	0
B-A	13:07:33.0 13:11:22.0	176173 179005	65000/19812	12.50	2859	0	4
A-B	13:15:26.0 13:19:26.0	182091 185000	65000/19812	12.50	2985	0	13
M-N	13:51:17.0 13:53:22.0	208173 210531	65000/19812	12.50	1559	0	0
N-M	13:58:32.0 14:00:45.0	214505 216000	65000/19812	12.50	1655	1	8

**CAMERA FLIGHT LINE DATA  
FLIGHT NO. 91-119**

Accession # 04258

Sensor # 026

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	8317-8325	10:39:10	10:42:56	65000/19800	50-60% cumulus (frames 8317-8325)
B - A	8326-8334	10:48:10	10:51:57	"	30-60% cumulus (frames 8326-8334)
A - B	8335-8348	10:56:03	11:02:10	"	60-10% cumulus (frames 8335-8348)
B - A	8349-8357	11:07:59	11:11:44	"	10-70% cumulus (frames 8349-8357)
C - D	8358-8373	11:44:54	11:51:31	"	10-80% cumulus (frames 8358-8373)
E - F	8374-8386	11:59:06	12:04:20	"	40-90% cumulus (frames 8374-8386)
G - H	8387-8393	12:28:07	12:30:31	"	30-40% cumulus (frames 8387-8393)
I - J	8394-8398	12:36:07	12:37:37	"	30-40% cumulus (frames 8394-8398); step-wedge overprinted (frame 8398)



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A/C 706

AVIRIS / TMS / RC-10

