

MAC EUROPE FLIGHT SUMMARY REPORT

Flight #: 91-112
Date: 01 July 1991
Sensor Package: Airborne Visible and Infrared Imaging Spectrometer (AVIRIS)
 Thematic Mapper Simulator (TMS)
 Wild-Heerbrug RC-10
Area(s) Covered: Italy
Investigator(s): Canuti, University of Florence
 Fiumara, Telespazio S.P.A.
 Pieri, JPL
 Vetrella, Engineering Faculty of Naples
Aircraft #: 706
Flight Request: 91R287B, 91R291B, 91G218D,
 91R102B
Julian Date: 182

SENSOR DATA

Accession #:	----	----	04246
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:	----	----	44
% Overlap:	----	----	60
Quality:	----	----	Excellent
Remarks:			

AVIRIS FLIGHT LINE DATA
FLIGHT NO. 91-112

Sites	Flight Lines	Time Acquired	Latitude 1	Longitude 1	Latitude 2	Longitude 2
Oltrepo Pavese, Italy	A - B	09:43:00	44-58.0	09-09.8	45-08.0	09-09.8
Montespertoli, Italy	C - D	10:01:00	43-44.0	11-05.1	43-32.0	11-08.8
Naples, Italy	G - H	11:27:00	40-53.0	14-26.0	40-45.0	14-26.0
Naples, Italy	I - J	11:35:00	40-52.0	14-17.0	40-52.0	13-58.0

TMS FLIGHT LINE DATA

FLIGHT NO. 91-112

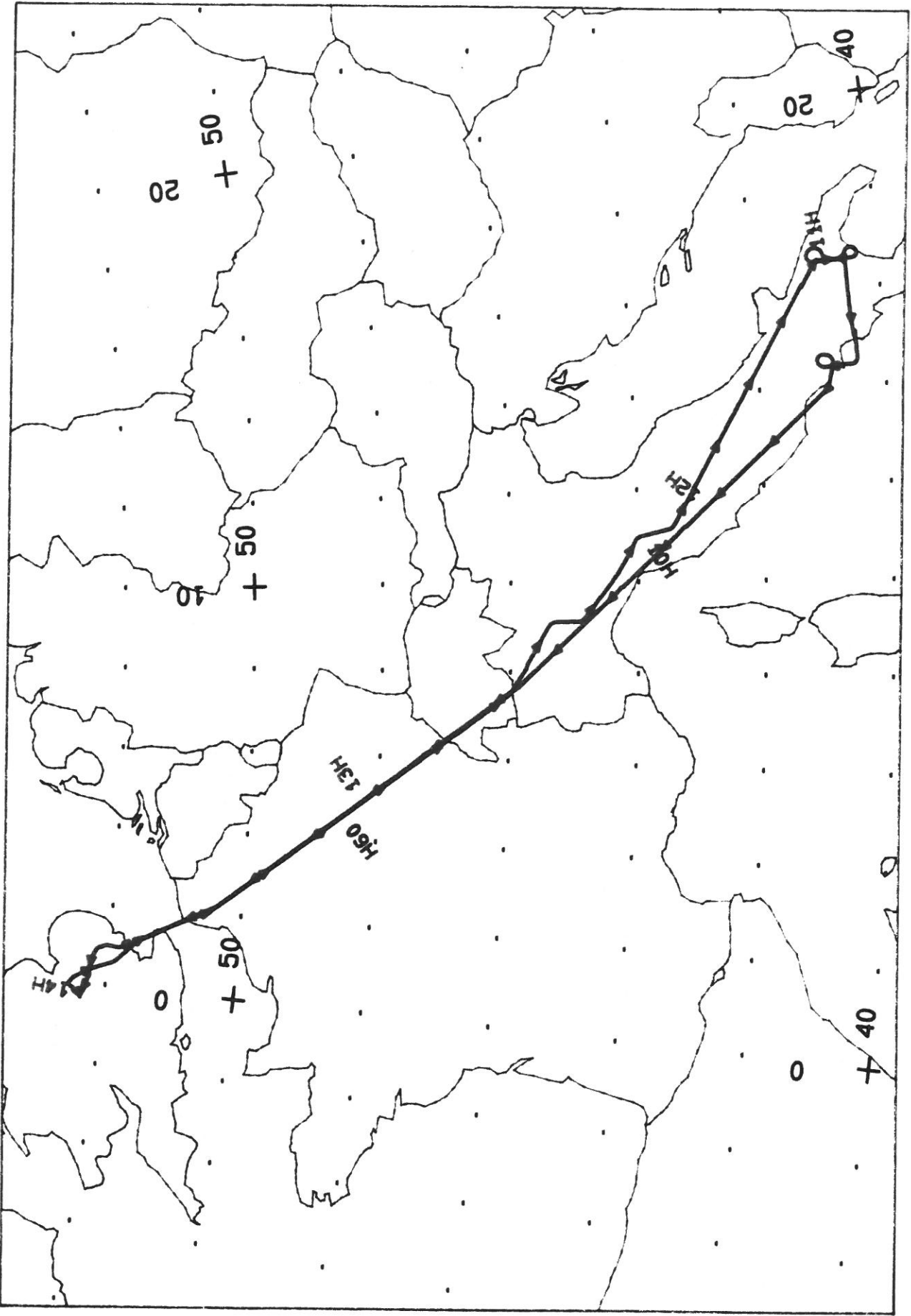
DAEDALUS FLIGHT DATA
FLIGHT NUMBER: 91-112

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	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	09:42:26.0 09:44:49.0	85651 87446	65000/19812	12.50	1796	0	0
C-D	10:01:12.0 10:03:57.0	99736 101797	65000/19812	12.50	2056	0	6
E-F	10:49:10.0 10:51:13.0	135698 137235	65000/19812	12.50	1536	0	2
F-E	10:57:25.0 10:59:30.0	141893 143451	65000/19812	12.50	1555	0	4
E-F	11:07: 2.0 11:09:18.0	149107 150806	65000/19812	12.50	1698	0	2
G-H	11:26:37.0 11:28:55.0	160794 165511	65000/19812	12.50	1711	0	7
I-J	11:35: 8.0 11:37:26.0	170173 171899	65000/19812	12.50	1720	0	7

**CAMERA FLIGHT LINE DATA
FLIGHT NO. 91-112**

Accession # 04246
Sensor # 026

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	4265-4270	9:42:33	9:44:52	65000/19800	Very minor cirrus (frames 4267-4269)
C - D	4271-4277	10:01:18	10:03:43	"	Clear
E - F	4278-4283	10:49:12	10:51:08	"	30-70% cumulus (frames 4278-4283)
F - E	4284-4289	10:57:31	10:59:28	"	50-60% cumulus (frames 4284-4289)
E - F	4290-4295	11:07:08	11:09:05	"	10-20% cumulus (frames 4290-4295)
G - H	4296-4302	11:26:39	11:29:04	"	10-20% scattered cumulus (frames 4296-4302)
I - J	4303-4308	11:35:13	11:37:10	"	10% scattered cumulus (frames 4303-4307)



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A/C 706

AVIRIS / TMS / RC-10

Italy

