

MAC EUROPE FLIGHT SUMMARY REPORT

Flight #: 91-114
Date: 08 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): Fiumara, Telespazio S.P.A
 Pieri, JPL
 Salvi, Consiglio Nazionale Ricerche
Flight Request: 91R291B, 91G218D, 91R293
Aircraft #: 706
Julian Date: 189

SENSOR DATA

Accession #:	-----	-----	04252
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:	-----	-----	69
% Overlap:	-----	-----	60
Quality:	-----	-----	Excellent
Remarks:			

AVIRIS FLIGHT LINE DATA
FLIGHT NO. 91-114

Sites	Flight Lines	Time Acquired	Latitude 1	Longitude 1	Latitude 2	Longitude 2
Montespertoli, Italy	A - B	11:09:00	43-44.0	11-05.1	43-32.0	11-08.8
Stromboli, Italy	C - D	12:03:00	38-50.0	15-13.0	38-44.0	15-13.0
Messina, Italy	I - J	12:32:00	37-53.0	15-40.0	38-20.0	15-40.0
Messina, Italy	K - L	12:42:00	38-20.0	15-33.0	38-15.0	15-33.0
Messina, Italy	M - N	12:45:00	38-10.0	15-33.0	37-53.0	15-33.0
Messina, Italy	O - P	12:52:00	37-53.0	15-46.8	38-20.0	15-46.8
Stromboli, Italy	Q - R	13:02:00	38-44.0	15-13.0	38-50.0	15-13.0

TMS FLIGHT LINE DATA

FLIGHT NO. 91-114

DAEDALUS FLIGHT DATA
FLIGHT NUMBER: 91-114

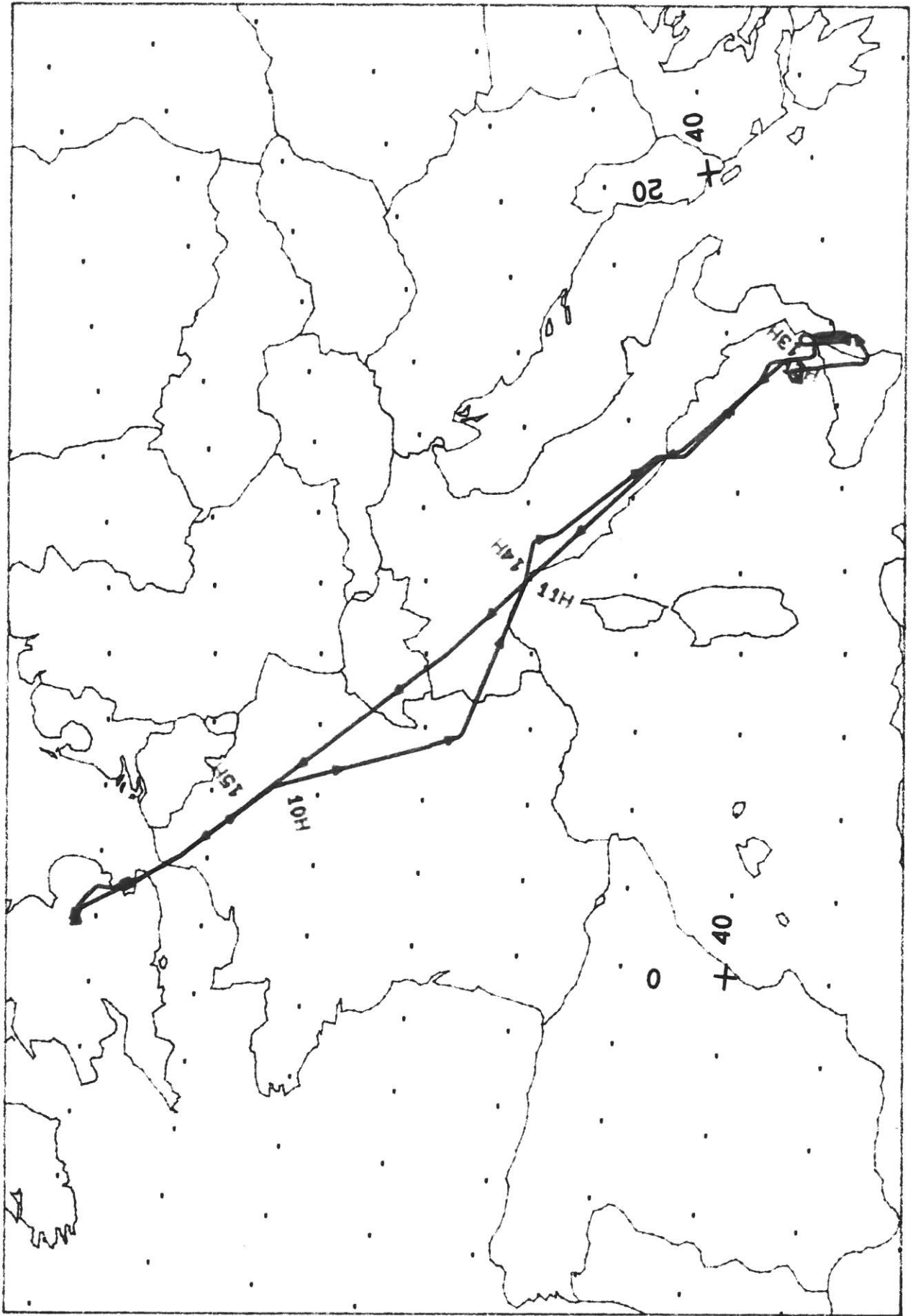
Check Points	A c t u a l t i m e b e g i n	(GMT) e n d	A c t u a l s c a n l i n e b e g i n	e n d	A l t i t u d e f e e t / m e t e r	S c a n S p e e d (r p s)	t o t a l G o o d s c a n l i n e s	t o t a l I n t e r p o l a t e d s c a n l i n e s	t o t a l R e p e a t e d s c a n l i n e s
A-B	11:08:58.0	11:11:30.0	105523	107424	65000/19812	12.50	1896	0	6
C-D	12:02:54.0	12:04:51.0	145977	147432	65000/19812	12.50	1456	0	0
E-F	12:13:54.0	12:16:41.0	154219	156307	65000/19812	12.50	2083	0	6
G-H	12:19:36.0	12:24:4.0	158497	161844	65000/19812	12.50	3348	0	0
I-J	12:32:8.0	12:36:59.0	167809	171532	65000/19812	12.50	3626	0	8
K-L	12:42:51.0	12:44:30.0	175932	177180	65000/19812	12.50	1247	0	2
M-N	12:45:26.0	12:47:7.0	177881	179133	65000/19812	12.50	1251	0	2
O-P	12:51:25.0	12:55:25.0	182363	185359	65000/19812	12.50	2975	0	22
Q-R	13:01:50.0	13:03:38.0	190176	191523	65000/19812	12.50	1348	0	0

**CAMERA FLIGHT LINE DATA
FLIGHT NO. 91-114**

Accession # 04252

Sensor # 026

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	4433-4438	11:09:04	11:11:24	65000/19800	10-20% strato-cumulus (frames 4433-4434)
C - D	4439-4444	12:02:55	12:04:52	"	10-20% cumulus (frames 4439-4443)
E - F	4445-4451	12:13:52	12:16:16	"	Clear
G - H	4452-4462	12:19:37	12:23:53	"	10-70% cumulus (frames 4452-4462)
I - J	4463-4474	12:32:08	12:36:52	"	Clear
K - N	4475-4485	12:42:38	12:46:53	"	Clear
O - P	4486-4495	12:51:27	12:55:15	"	10% cumulus (frames 4490-4493)
Q - R	4496-4501	13:01:44	13:03:40	"	Clear



FLIGHT 91-114 8 July 1991 A/C 706 AVIRIS / TMS / RC-10 Italy



FLIGHT 91-114 6 July 1991 A/C 706 AVIRIS / TMS / RC-10 Accession # 04252 ONC F-2

