

MAC EUROPE FLIGHT SUMMARY REPORT

Flight #: 91-107
Date: 20 June 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
 Pieri, JPL
 Vetrella, Engineering Faculty of Naples
Flight Request: 91R287B, 91G218D, 91R102B

Aircraft #: 706
Julian Date: 171

SENSOR DATA

Accession #:	-----	-----	04235
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:	-----	-----	63
% Overlap:	-----	-----	60
Quality:	-----	-----	Excellent
Remarks:			

AVIRIS FLIGHT LINE DATA
FLIGHT NO. 91-107

Sites	Flight Lines	Time Acquired	Latitude 1	Longitude 1	Latitude 2	Longitude 2
Naples, Italy	J - K	11:06:00	40-54.0	14-02.0	40-52.0	14-15.0
Naples, Italy	K - L	11:13:00	40-45.0	14-05.0	40-39.0	13-51.0

TMS FLIGHT LINE DATA

FLIGHT NO. 91-107

DAEDALUS FLIGHT DATA
FLIGHT NUMBER: 91-107

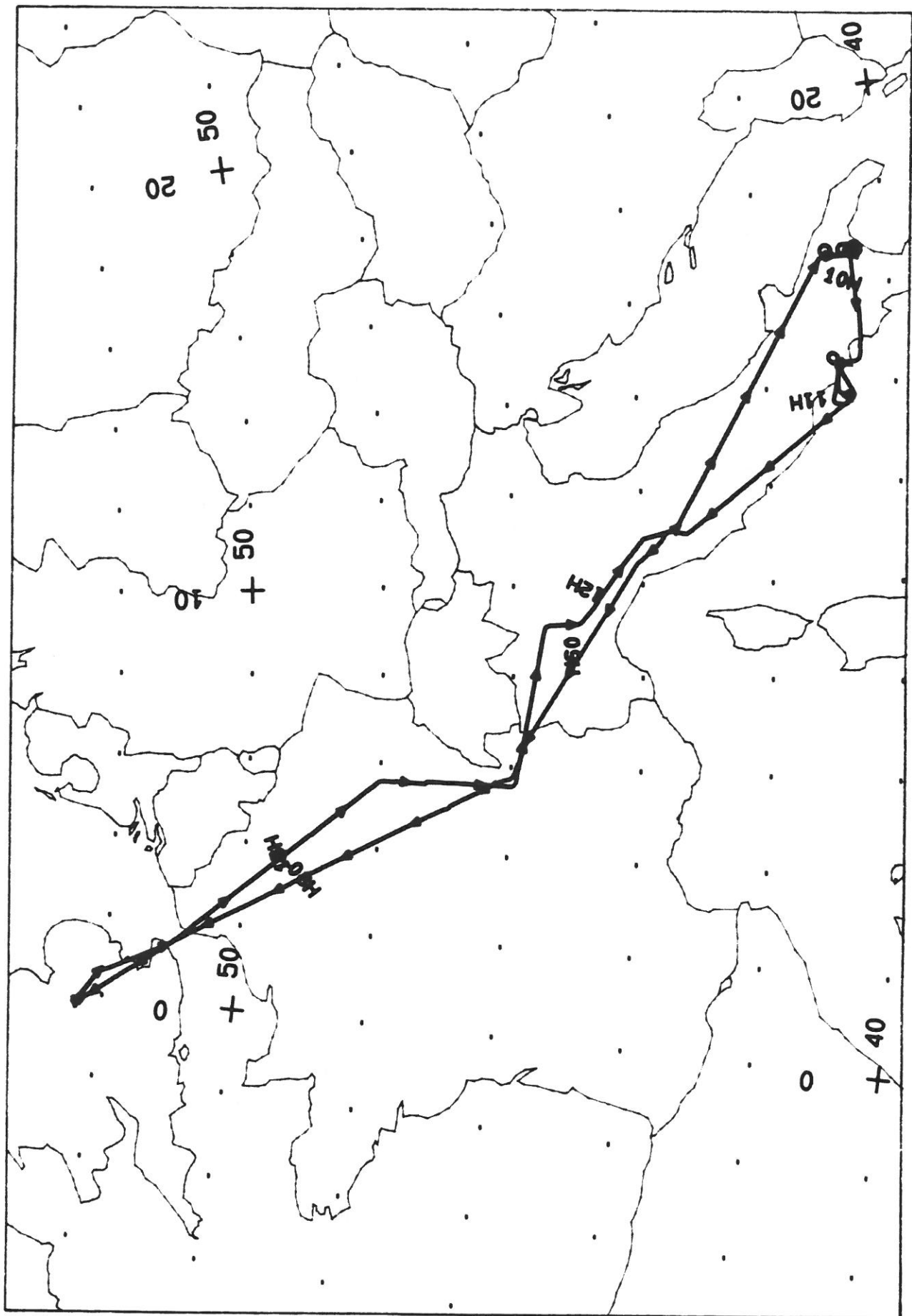
Check Points	A c t u a l t i m e b e g i n e n d	A c t u a l s c a n l i n e b e g i n e n d	A l t i t u d e f e e t / m e t e r	Scan S p e e d (rps)	t o t a l G o o d s c a n l i n e s	t o t a l I n t e r p o l a t e d s c a n l i n e s	t o t a l R e p e a t e d s c a n l i n e s
A-B	09:17:41.0 09:20:23.0	97045 99070	65000/19812	12.50	2023	0	3
C-D	10:03:50.0 10:05:54.0	131662 133204	65000/19812	12.50	1525	0	7
D-C	10:11:53.0 10:12:46.0	137699 138355	65000/19812	12.50	657	0	0
F-E	10:23:55.0 10:26: 3.0	146725 148323	65000/19812	12.50	1596	0	3
E-F	10:31:24.0 10:33:44.0	152341 154080	65000/19812	12.50	1737	0	3
G-H	10:49:49.0 10:51:53.0	166155 167699	65000/19812	12.50	1541	0	4
I-J	10:55:29.0 10:59:32.0	170401 173440	65000/19812	12.50	3038	0	2
J-K	11:06:37.0 11:08:44.0	178758 180339	65000/19812	12.50	1576	0	6
K-L	11:13: 6.0 11:15:56.0	183618 185737	65000/19812	12.50	2120	0	0

**CAMERA FLIGHT LINE DATA
FLIGHT NO. 91-107**

Accession # 04235

Sensor # 026

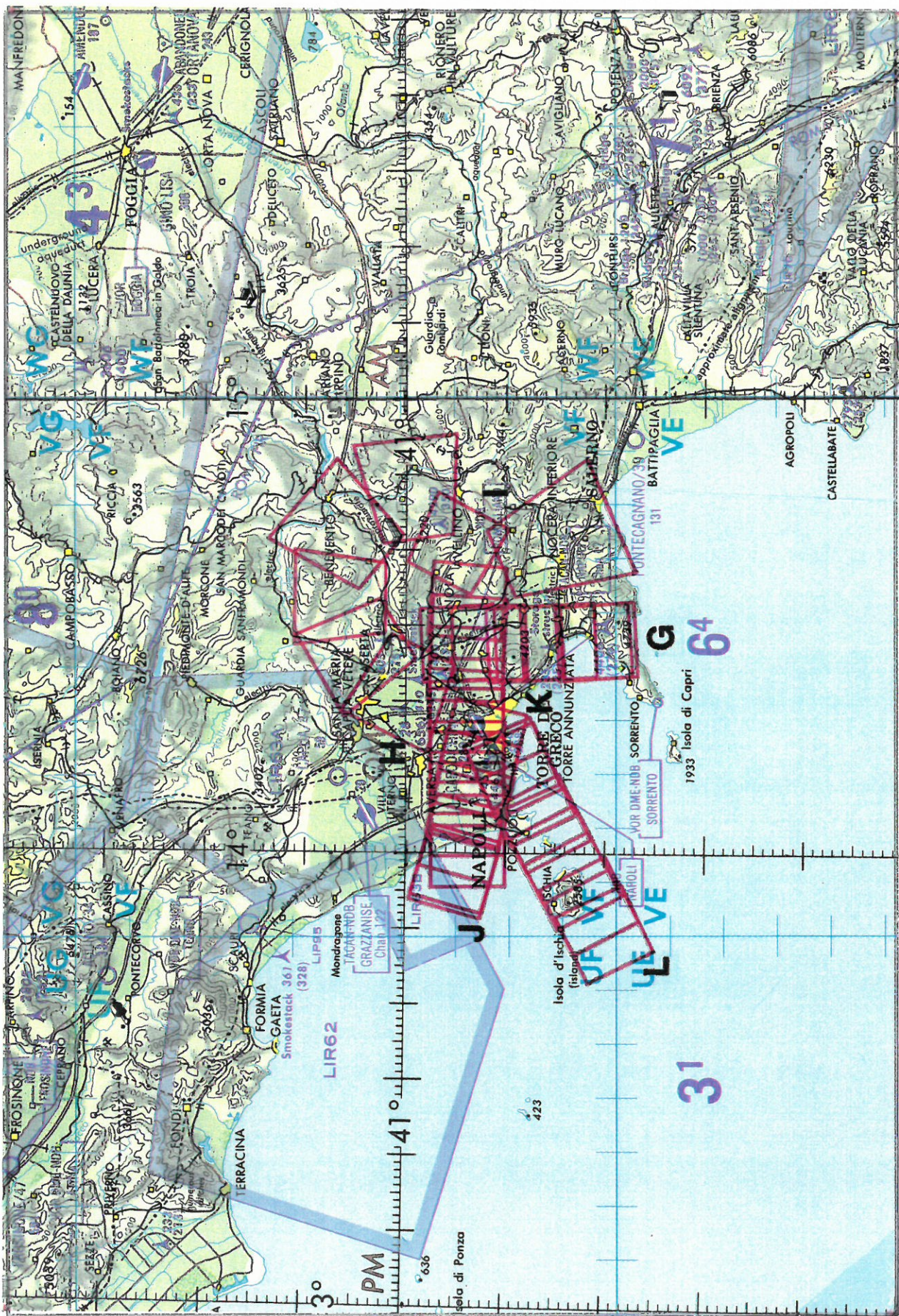
Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	3969-3974	09:18:48	09:21:07	65000/19800	50-60% cumulus
C - D	3975-3980	10:04:53	10:06:49	"	10-50% cirrus
D - C	3981-3983	10:12:54	10:13:26	"	70-80% cirrus
F - E	3984-3989	10:24:57	10:26:53	"	40-10% cirrus (frames 3984-3987)
E - F	3990-3995	10:32:26	10:34:23	"	10-30% cirrus (frames 3990-3993)
G - H	3996-4001	10:50:51	10:52:47	"	10-30% cumulus
H - I	4002-4008	10:53:15	10:56:01	"	40-50% cumulus; oblique frames in turn
I - J	4009-4017	10:56:29	11:00:11	"	10-60% cumulus
J - K	4018-4023	11:07:40	11:09:35	"	10-30% cumulus (frames 4021-4023)
K - L	4024-4031	11:14:08	11:17:00	"	10% minor cumulus (frames 4025-4027)



FLIGHT 91-107 20 June 1991 A/C 706 AVIRIS / TMS / RC-10







FLIGHT 91-107 20 JUN 1991 A/C 706 AG-10 AG-30 AG-33 AG-35 AG-36 AG-37 AG-38 AG-39 AG-40 AG-41 AG-42 AG-43 AG-44 AG-45 AG-46 AG-47 AG-48 AG-49 AG-50 AG-51 AG-52 AG-53 AG-54 AG-55 AG-56 AG-57 AG-58 AG-59 AG-60 AG-61 AG-62 AG-63 AG-64 AG-65 AG-66 AG-67 AG-68 AG-69 AG-70 AG-71 AG-72 AG-73 AG-74 AG-75 AG-76 AG-77 AG-78 AG-79 AG-80 AG-81 AG-82 AG-83 AG-84 AG-85 AG-86 AG-87 AG-88 AG-89 AG-90 AG-91 AG-92 AG-93 AG-94 AG-95 AG-96 AG-97 AG-98 AG-99 AG-00



