

MAC EUROPE FLIGHT SUMMARY REPORT

Flight #: 91-106
Date: 17 June 1991
Sensor Package: Airborne Visible and Infrared Imaging Spectrometer (AVIRIS)
 Thematic Mapper Simulator (TMS)
 Wild-Heerbrug RC-10
Area(s) Covered: Iceland
Investigator(s): Pieri, JPL **Aircraft #:** 706
Flight Request: 91G218D **Julian Date:** 168

SENSOR DATA

Accession #:	-----	-----	04234
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:	-----	-----	1/150
# of Frames:	-----	-----	187
% Overlap:	-----	-----	60
Quality:	-----	-----	Excellent
Remarks:			

**AVIRIS FLIGHT LINE DATA
FLIGHT NO. 91-106**

Sites	Flight Lines	Time Acquired	Latitude 1	Longitude 1	Latitude 2	Longitude 2
Surtsey, Iceland	A - B	11:04:00	63-17.3	20-40.0	64-28.0	17-49.0
Krafla, Iceland	D - E	11:30:00	65-30.0	16-40.0	65-57.0	16-40.0
Hekla, Iceland	H - I	11:49:00	64-47.3	17-41.1	63-48.0	20-06.0
Hekla, Iceland	L - M	12:07:00	64-12.0	17-00.0	63-35.0	18-34.0

**TMS FLIGHT LINE DATA
FLIGHT NO. 91-106**

DAEDALUS FLIGHT DATA
FLIGHT NUMBER: 91-106

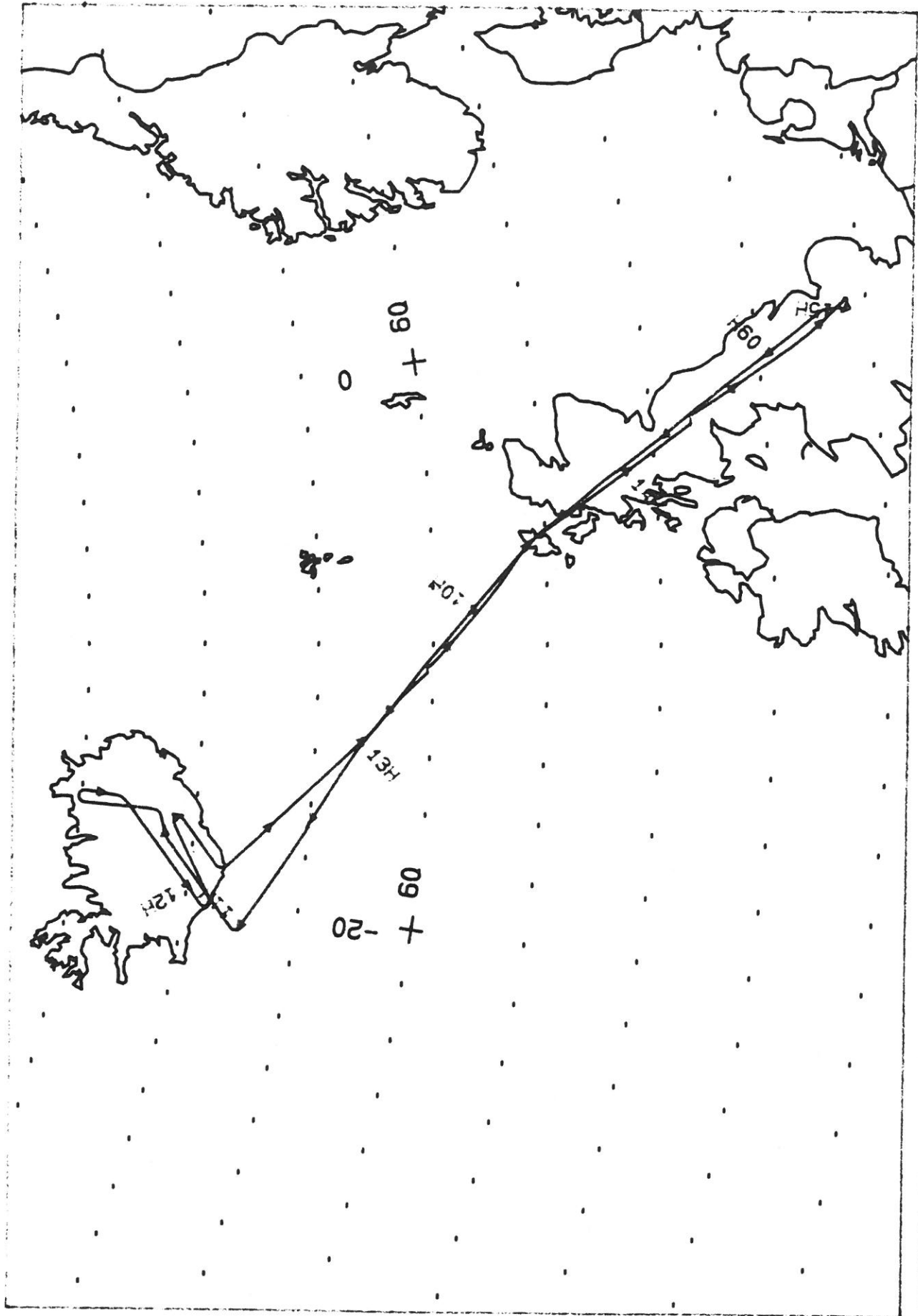
Check Points	Actual Time (GMT)		Actual Scanline		Altitude feet/meter	Scan Speed (rps)	Total Good Scanlines	Total Interpolated Scanlines	Total Repeated Scanlines
	Begin	End	Begin	End					
A-C	11:03:29	11:23:24	116409	131340	65000/19812	12.50	14901	0	31
D-E	11:25:22	11:35:31	132819	140428	65000/19812	12.50	7601	0	9
F-I	11:38:43	12:04:13	142828	161946	65000/19812	12.50	19101	0	18
J-K	12:07:01	12:19:28	164050	173380	65000/19812	12.50	9301	0	30
L-M	12:22:00	12:30:12	175284	181428	65000/19812	12.50	6143	0	2

**CAMERA FLIGHT LINE DATA
FLIGHT NO. 91-106**

Accession # 04234

Sensor # 026

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	3771-3806	11:03:24	11:19:37	65000/19800	Clear
B	3807	11:20:05	-----	"	Clear; oblique frame
B - C	3808-3814	11:20:33	11:23:20	"	Clear
C - D	3815-3818	11:23:48	11:25:12	"	Clear; oblique frames
D - E	3819-3840	11:25:40	11:35:27	"	Clear
E - F	3841-3847	11:35:55	11:38:43	"	Clear; oblique frames in turn
F - G	3848-3857	11:39:11	11:43:23	"	Clear
G - H	3858-3860	11:43:51	11:44:47	"	Clear; oblique frames in turn
H - I	3861-3901	11:45:15	12:03:56	"	Clear
I - J	3902-3907	12:04:25	12:06:45	"	Clear; oblique frames in turn
J - K	3908-3934	12:07:13	12:19:23	"	Clear
K - L	3935-3939	12:19:51	12:21:44	"	Clear; oblique frames in turn
L - M	3940-3957	12:22:12	12:30:10	"	Clear



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