

FLIGHT SUMMARY REPORT

Flight #: 90-064
Date: 21 March 1990
Sensor Package: Wild-Heerbrug RC-10
Thematic Mapper Simulator (TMS)
Airborne Visible and Infrared Imaging
Spectrometer (AVIRIS)
Area(s) Covered: Oregon

Investigator(s): M. Spanner, TGS Technology, Inc. **Aircraft #:** 709

Flight Request: 90L223D **Julian Date:** 080

SENSOR DATA

Accession #:	04006	----	----
Sensor ID #:	026	074	099
Sensor Type:	RC-10	TMS	AVIRIS
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:	42	----	----
% Overlap:	60	----	----
Quality:	Excellent	----	----
Remarks:			

**CAMERA FLIGHT LINE DATA
FLIGHT NO. 90-064**

Accession # 04006

Sensor # 026

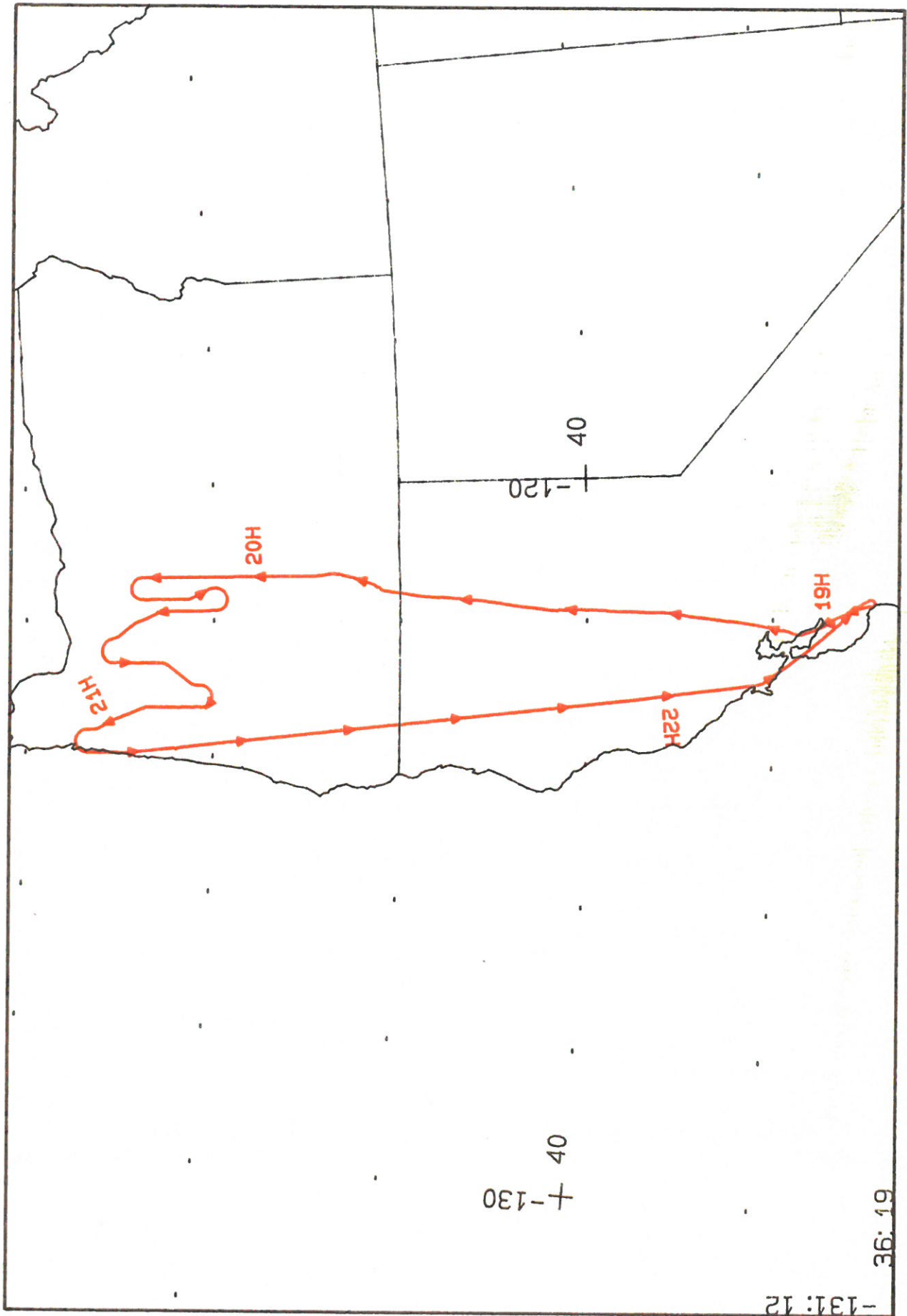
Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	0414-0419	20:06:18	20:08:38	65000/19800	Clear; Pre-flight annotation overprinted (frame 0414)
C - D	0420-0426	20:16:45	20:19:09	"	Clear
E - F	0427-0434	20:27:54	20:30:46	"	Clear
G - H	0435-0441	20:41:40	20:44:03	"	10% very minor cumulus (frames 0437-0438, 0440-0441)
I - J	0442-0448	20:54:20	20:56:43	"	Clear
K - L	0449-0455	21:07:48	21:10:11	"	10-20% strato cirrus (frames 0449-0455)

TMS SCANNER FLIGHT LINE DATA

FLIGHT NO. 90-064

DORADUS FLIGHT DATA
FLIGHT NUMBER: 90-064

Check Points	Actual time begin	Actual time end (GHT)	Actual scanline begin	Actual scanline end	Altitude feet/meter	Scan Speed (rps)	total Ground scanlines	total Interpolated scanlines	total Repeated scanlines
A-B	20:05:19.0	20:08:38.0	56670	57357	6500/19812	12.50	1758	0	10
C-D	20:16:45.0	20:19:19.0	64005	65623	6500/19812	12.50	1788	0	31
E-F	20:27:54.0	20:30:46.0	72452	74624	6500/19812	12.50	2136	0	37
G-H	20:41:40.0	20:44:3.0	82883	84589	6500/19812	12.50	1811	0	6
I-J	20:54:20.0	20:56:43.0	92431	94387	6500/19812	12.50	1795	0	12
K-L	21:07:46.0	21:10:11.0	102667	104094	6500/19812	12.50	1794	0	14



FLIGHT 90-064 21 March 1990 A/C 709 AVIRIS / TMS / RC-10
 OVERLAY FOR %CWUSA LAMBERT CONFORMAL PROJECTION: SP1 = 35.5 SP2 = 44.0 CM = -122.6 ROTATED BY 0.0
 19:00:05 TO 22:48:55 UT SCALE = 1:6.40E+06 TIME TICS EVERY 10.00 MINUTES

