

MAC EUROPE FLIGHT SUMMARY REPORT

Flight #: 91-116
Date: 16 July 1991
Sensor Package: Airborne Visible and Infrared Imaging Spectrometer (AVIRIS)
 Thematic Mapper Simulator (TMS)
 Wild-Heerbrug RC-10
Area(s) Covered: France, Wales
Investigator(s): Baret, INRA
 Hill, Institute for R.S. Applications
 Peterson, NASA-Ames
Flight Request: 91R275, 91R277, 91L267B
Aircraft #: 706
Julian Date: 197

SENSOR DATA

Accession #:	----	----	04254
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:	----	----	50
% Overlap:	----	----	60
Quality:	----	----	Excellent
Remarks:			

AVIRIS FLIGHT LINE DATA FLIGHT NO. 91-116

Sites	Flight Lines	Time Acquired	Latitude 1	Longitude 1	Latitude 2	Longitude 2
Ardeche, France	B - A	11:30:00	44-19.8	04-20.9	44-27.2	04-11.1
Crau-Camargue, France	E - F	11:54:00	43-32.4	04-28.4	43-50.2	04-28.4

TMS FLIGHT LINE DATA

FLIGHT NO. 91-116

DAEDALUS FLIGHT DATA
FLIGHT NUMBER: 91-116

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	A l t i t u d e f e e t / m e t e r	Scan Speed (rps)	total G o o d s c a n l i n e s	total I n t e r p o l a t e d s c a n l i n e s	total R e p e a t e d s c a n l i n e s
A-B	11:28:12.0	11:30:49.0	76134	65000/19812	12.50	1959	0	8
C-D	11:38: 8.0	11:42: 4.0	83580	65000/19812	12.50	2947	0	9
E-F	11:52: 5.0	11:55: 1.0	94039	65000/19812	12.50	2204	0	0
G-H	12:03:58.0	12:09:17.0	102953	65000/19812	12.50	3983	0	7
I-J	12:18:12.0	12:21:31.0	113623	65000/19812	12.50	2489	0	7
K-L	12:49:19.0	12:52:33.0	136960	65000/19812	12.50	2421	0	5
M-N	13:45:25.0	13:48:20.0	179034	65000/19812	12.50	2172	0	7

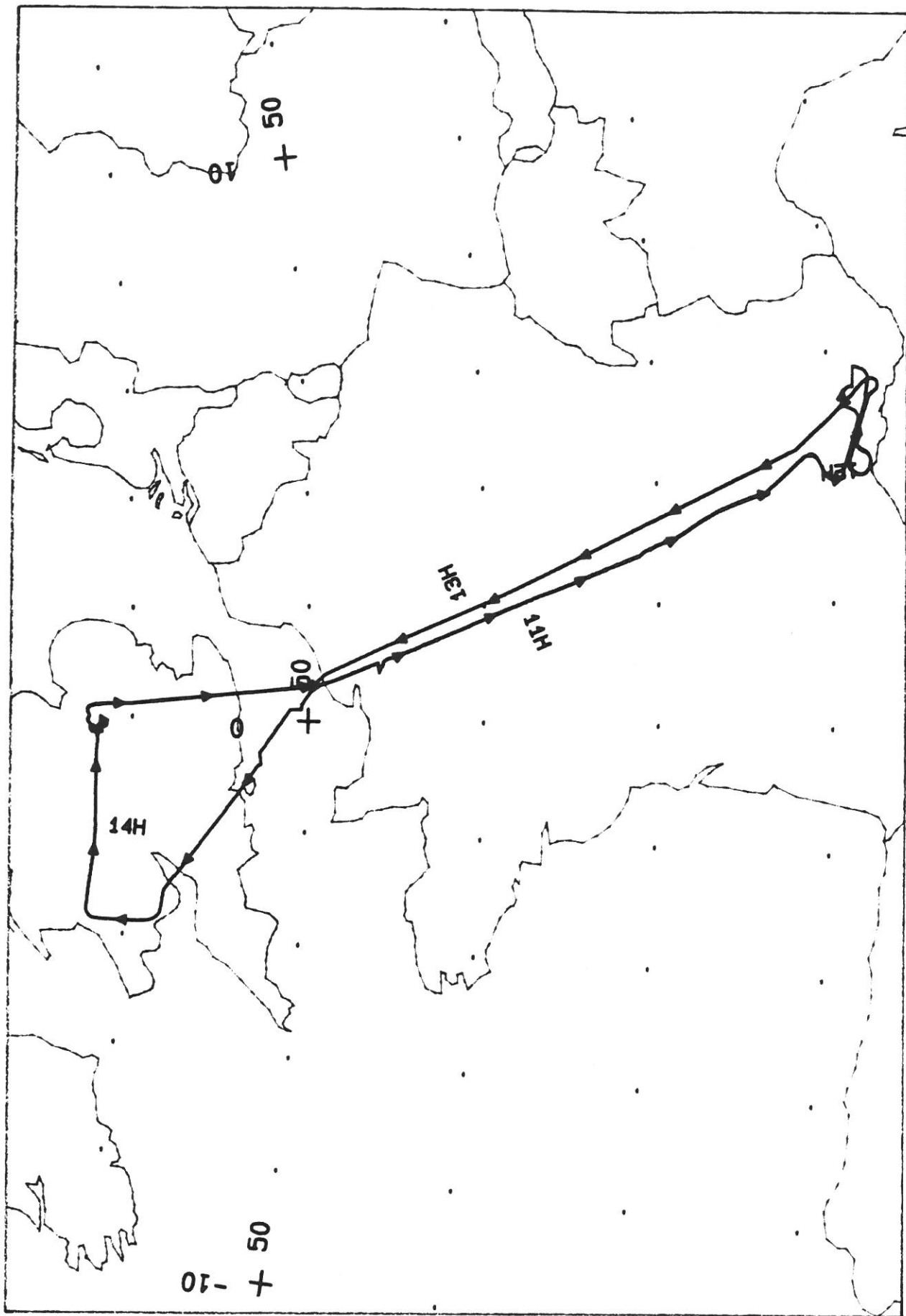
FLIGHT LINE K-L TMS ONLY

CAMERA FLIGHT LINE DATA **FLIGHT NO. 91-116**

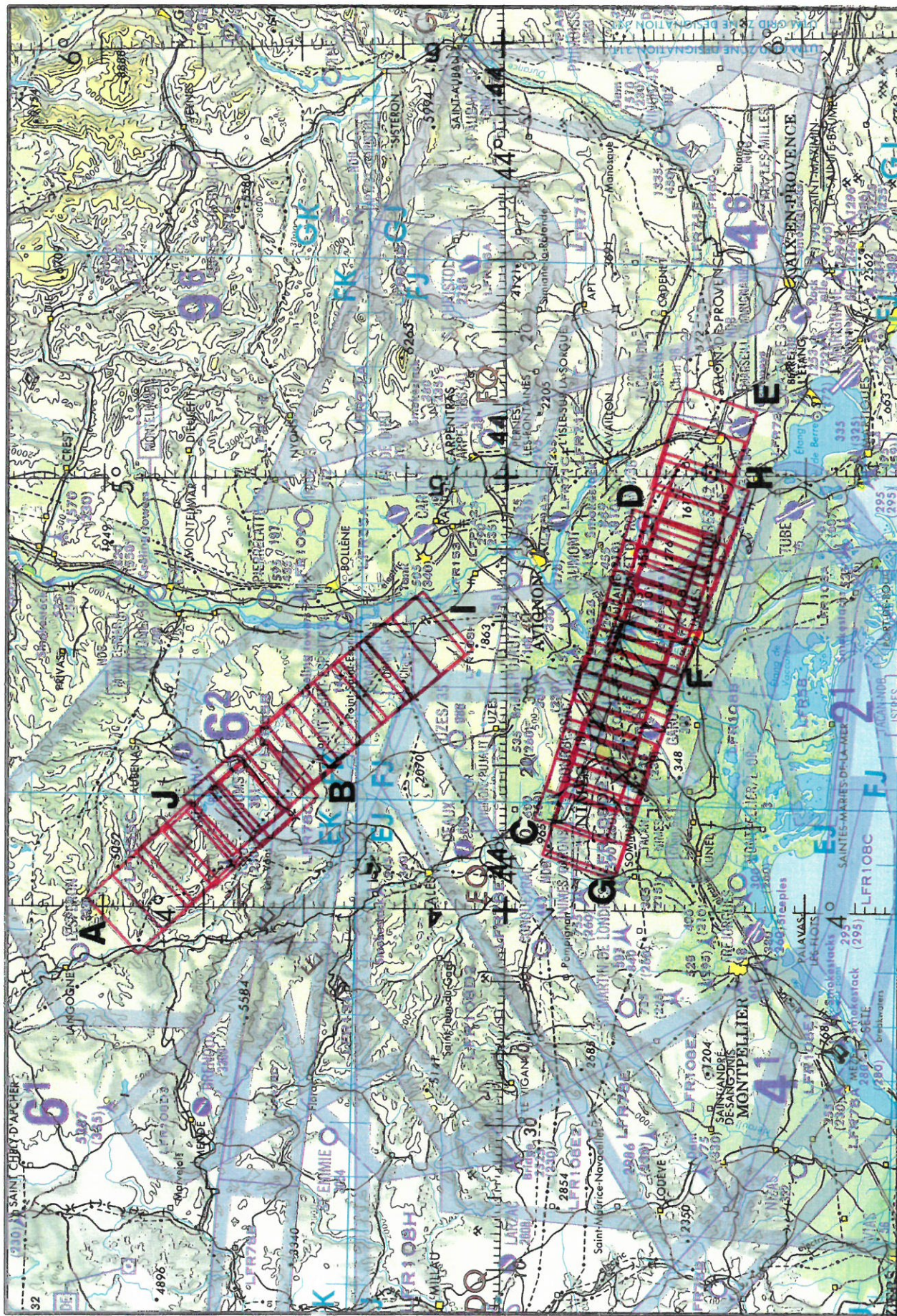
Accession # 04254

Sensor # 026

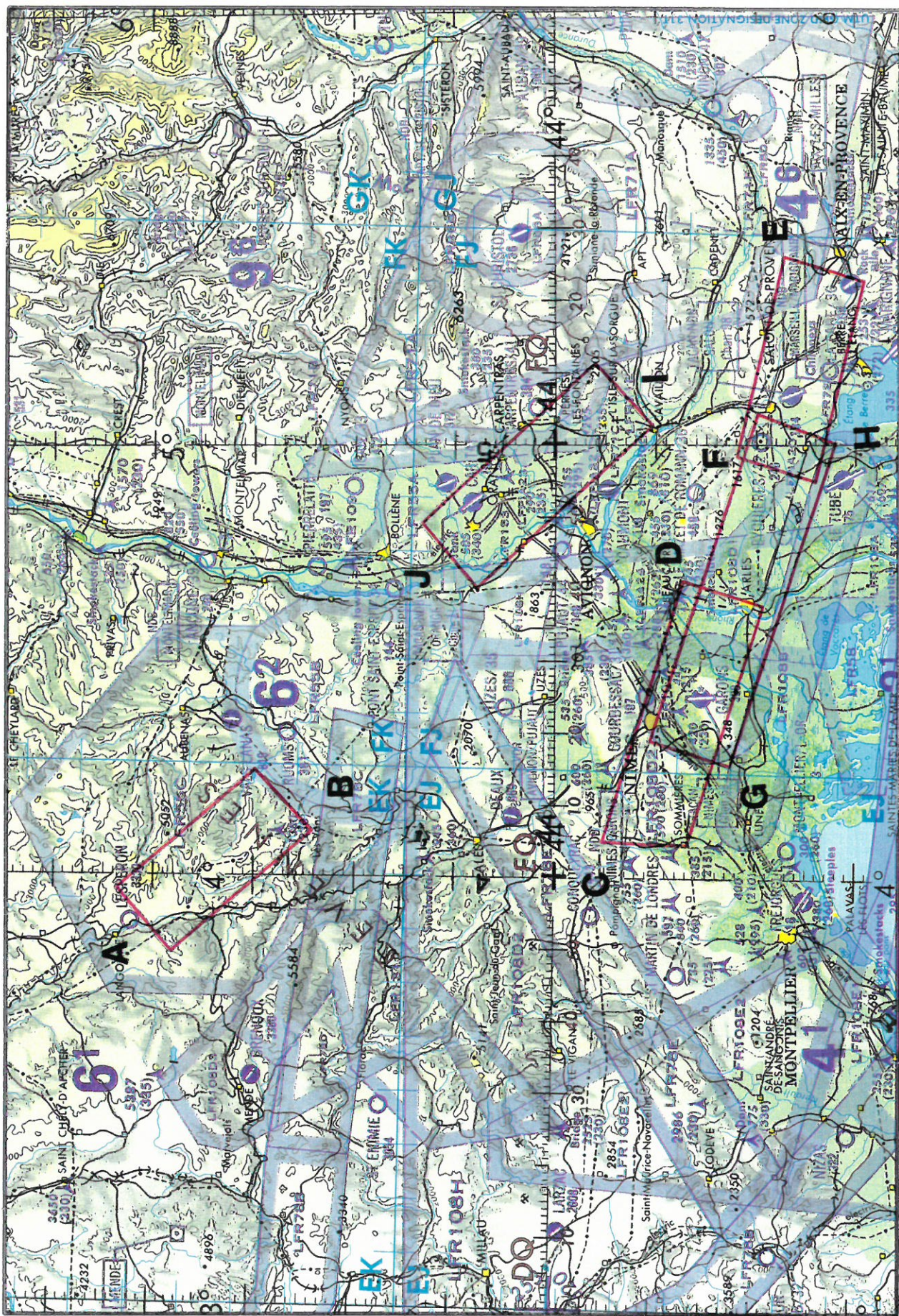
Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	4566-4571	11:29:57	11:32:18	65000/19800	10% cumulus (frames 4566-4567)
C - D	4572-4580	11:39:51	11:43:37	"	Clear
E - F	4581-4587	11:53:48	11:56:37	"	Clear
G - H	4588-4600	12:05:39	12:10:52	"	Clear
I - J	4601-4609	12:19:51	12:23:12	"	Clear
M - N	4610-4615	13:47:06	13:50:41	"	30-70% cumulus and film mismetering (frames 4610-4615)



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A/C 706

Thematic Mapper Simulator (TMS)

ONC F-2



