

FLIGHT SUMMARY REPORT

Flight Number: 96-100
Calendar/Julian Date: 08 April 1996 • 099
Sensor Package: Dual Wild-Heerbrugg RC-10
High-Resolution Interferometer Sounder (HIS)
Modis Airborne Simulator (MAS)
Radiation Measurement System (RAMS)
Cloud Lidar System (CLS)
Millimeter-Wave Imaging Radiometer (MIR)
Area(s) Covered: Ferry -- Moffett Field, CA to Salina, KS
Investigator(s): Toon, NASA-ARC **Aircraft #:** 709

SENSOR DATA

Accession #:	05061	05062
Sensor ID #:	076	035
Sensor Type:	RC-10	RC-10
Focal Length:	12" 304.89 mm	6" 153.46 mm
Film Type:	Aerochrome IR SO-060	Panatomic X Aerographic II, 2412
Filtration:	Wratten 12	Wratten 12 + 2.2 AV
Spectral Band:	510-900 nm	510-700 nm
f Stop:	11	8
Shutter Speed:	1/300	1/200
# of Frames:	13	8
% Overlap:	60	60
Quality:	Fair	Excellent
Remarks:	Camera clock offset 26 seconds from nav data	Camera clock offset 2.1 minutes from nav data

CAMERA FLIGHT LINE DATA
FLIGHT NO. 96-100

Accession # 05061

Sensor # 076

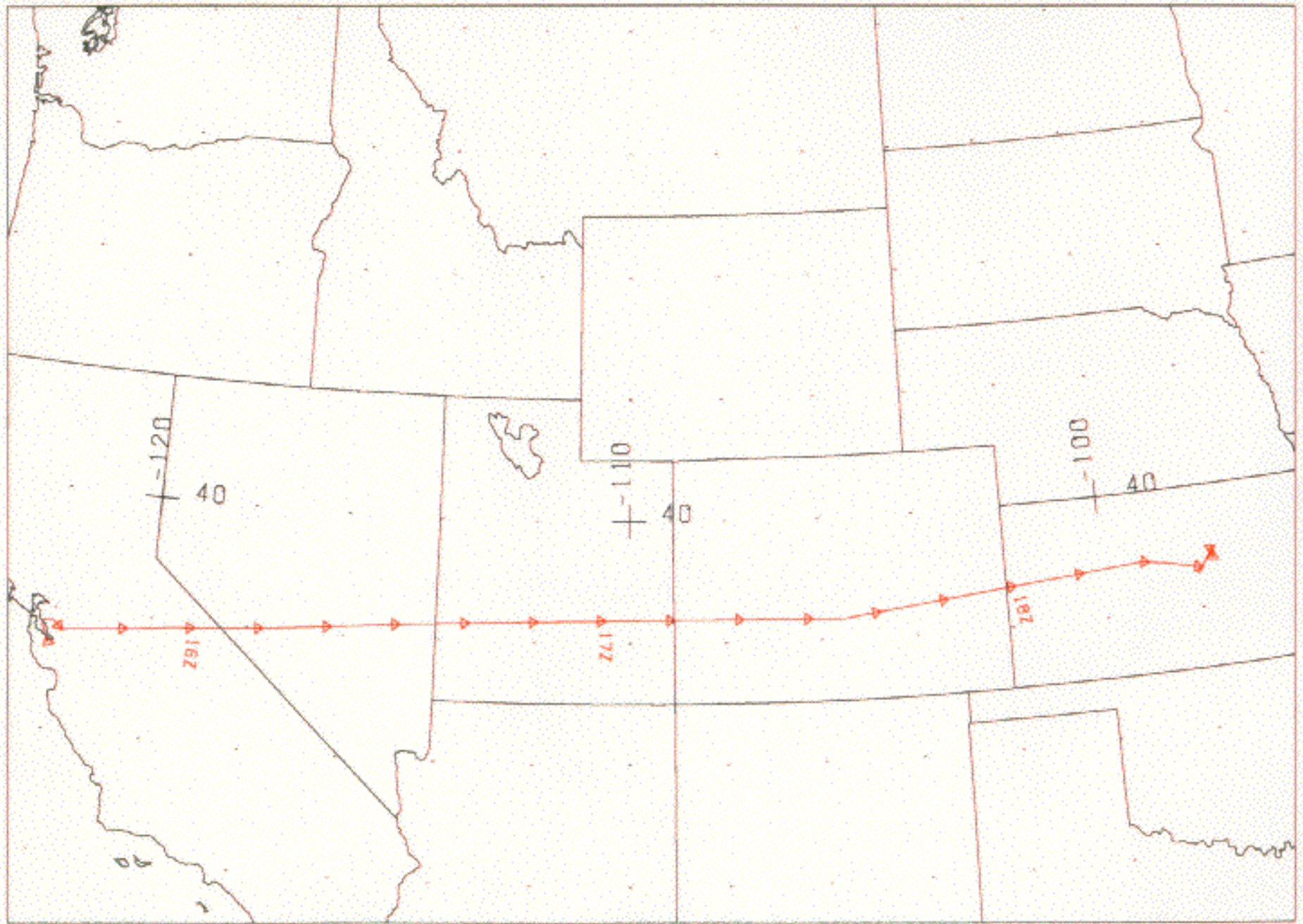
Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	4877-4884	16:01:23	16:04:43	63050/19218	Clear
C - D	4885-4890	16:10:06	16:11:36	64520/19666	Thin contrail throughout; film transported without shutter function -- frame 4886 no image acquired

CAMERA FLIGHT LINE DATA
FLIGHT NO. 96-100

Accession # 05062

Sensor # 035

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	8075-8079	16:02:57	16:06:00	62900/19172	Clear
C - D	8080-8082	16:11:44	16:12:49	64600/19690	Thin contrails throughout



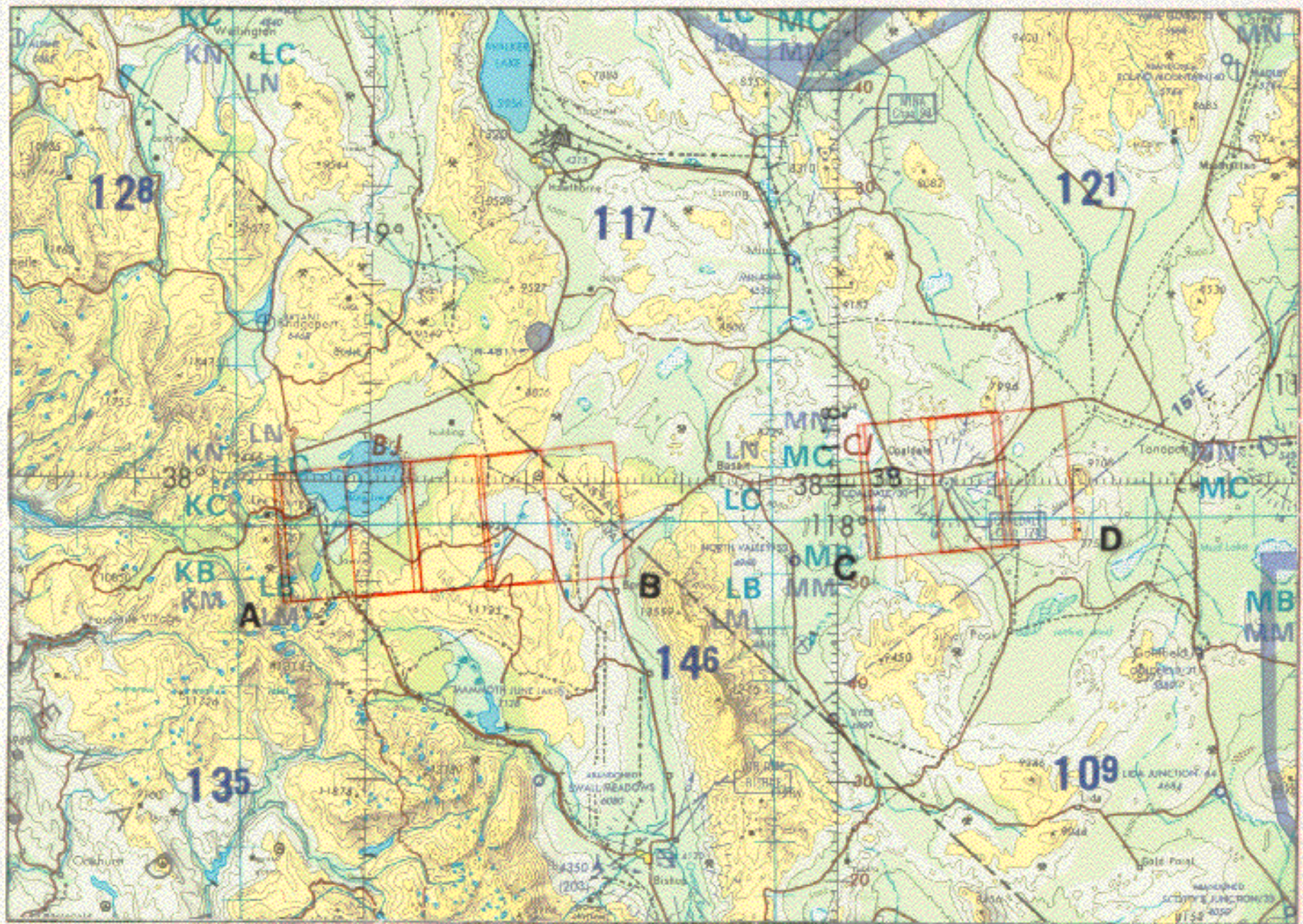
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A/C 709

SUCCESS FERRY

HOFFETT FIELD CA --> SALINA KS



FLIGHT 96-100

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R/C 709

DUAL RC-10

ONC G-18