

## FLIGHT SUMMARY REPORT

**Flight Number:** 96-108  
**Calendar/Julian Date:** 26 April 1996 • 117  
**Sensor Package:** 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:** Central Kansas  
**Investigator(s):** Toon, NASA-ARC **Aircraft #:** 709

### SENSOR DATA

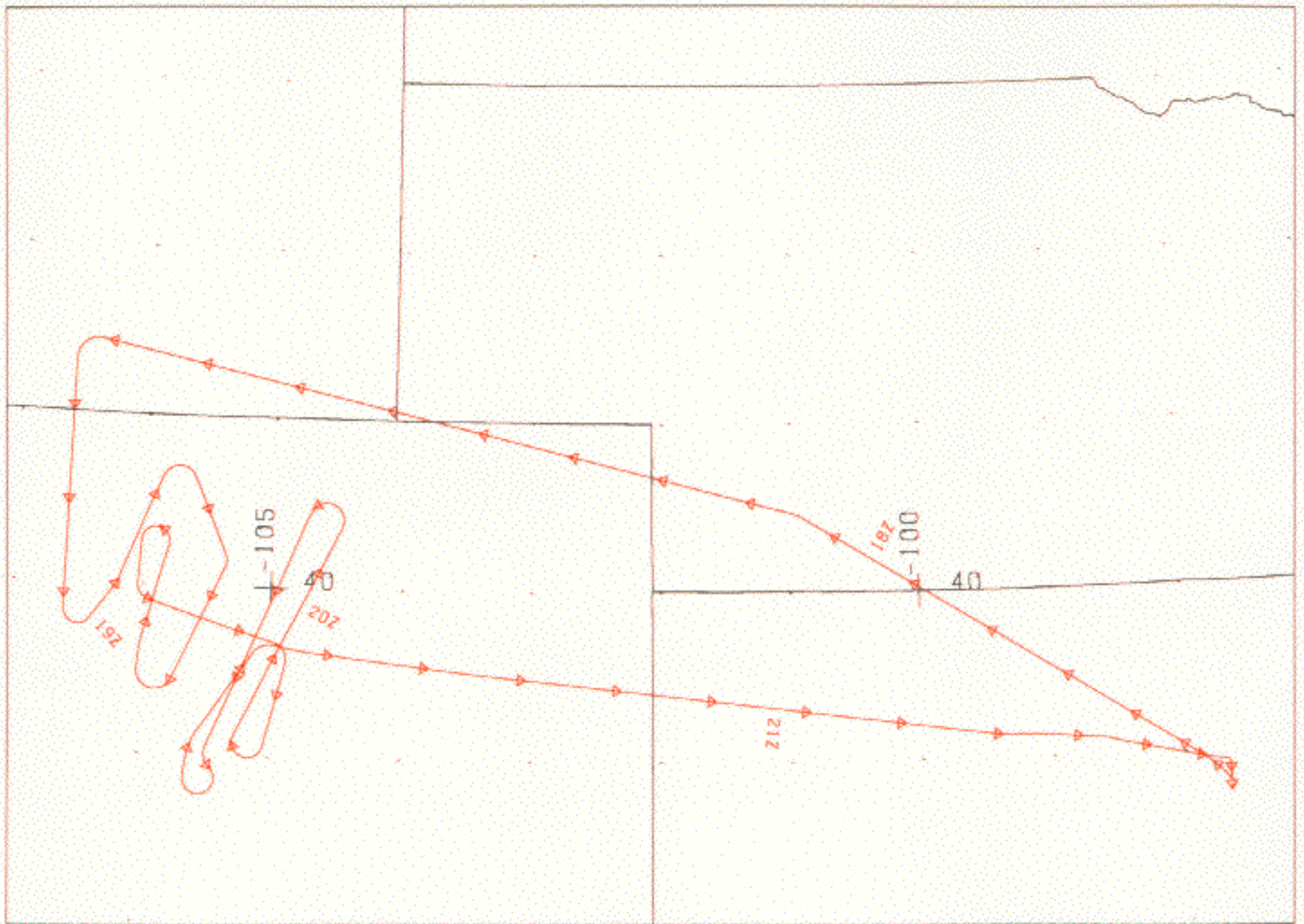
**Accession #:** 05070  
**Sensor ID #:** 035  
**Sensor Type:** RC-10  
**Focal Length:** 6"  
153.46 mm  
**Film Type:** Panatomic X  
Aerographic II, 2412  
**Filtration:** Wratten 12 + 2.2 AV  
**Spectral Band:** 510-700 nm  
**f Stop:** 8  
**Shutter Speed:** 1/200  
**# of Frames:** 84  
**% Overlap:** 60  
**Quality:** Excellent  
**Remarks:** Camera clock offset  
2.2 minutes from nav data

**CAMERA FLIGHT LINE DATA**  
**FLIGHT NO. 96-108**

Accession # 05070

Sensor # 035

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	9115-9118	18:33:42	18:35:44	62600/19080	20-30% cirrus
C - D	9119-9134	18:43:30	18:57:17	62656/19098	Minor cirrus (frames 9119-9120)
E - F	9135-9146	19:01:14	19:11:06	62542/19063	Minor cirrus (frame 9140); 40% cirrus (frame 9146)
G - H	9147-9160	19:16:25	19:28:15	62793/19139	Clear
I - J	9161-9179	19:34:12	19:50:38	63368/19315	10-50% cirrus (frames 9175-9179)
K - L	9180-9182	19:54:35	19:55:39	63600/19385	10-20% cirrus
L - I	9183-9198	19:57:54	20:11:42	63931/19486	10% cirrus (frames 9183-9185)

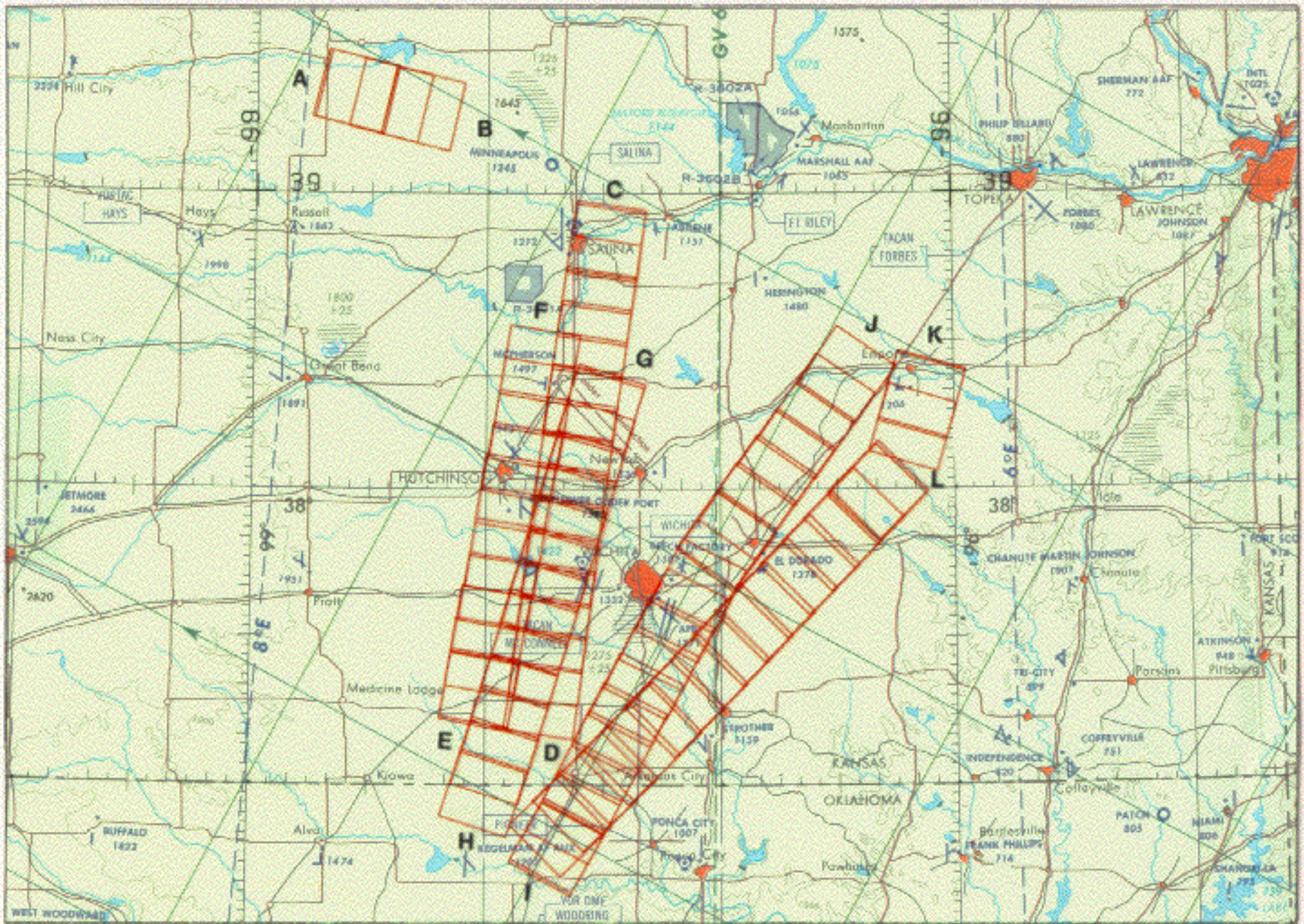


FLIGHT 96-107

23 APRIL 1996

A/C 709

MAS-50 / RC-10 / MIR / HIS / CLS / RAMS / EDC



FLIGHT 96-108

26 APRIL 1996

R/C 709

RC-10

JNC 44