

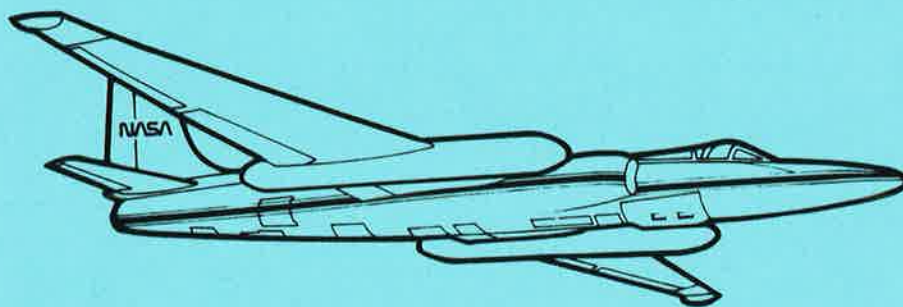
# Airborne Instrumentation Research Project

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## Flight Summary Report

Flight No. 88-080

Date 03 June 1988



**Science and Applications Aircraft Division**

**NASA**

National Aeronautics and  
Space Administration

**Ames Research Center**  
Moffett Field, California 94035

FLIGHT SUMMARY REPORT

Flight Number: 88-080

Date: 03 June 1988

Julian Date: 155

Aircraft No: 706

Sensor Package: IRIS II Panoramic Camera  
Wild-Heerbrug RC-10 Camera

Purpose of Flight: Ferry Flight from Moffett Field, CA  
to Wallops Island, VA  
Camera Check Flight

Area(s) Covered: Salt Lake City, Utah and Nebraska

SENSOR DATA

Accession No:	03722	03723
Sensor ID No:	070	076
Sensor Type:	IRIS II	RC-10
Focal Length:	24-inch 609.6 mm	12-inch 304.89 mm
Film Type:	High Definition Aerochrome Infrared, SO-131	High Definition Aerochrome Infrared, SO-131
Filtration:	cc .20B	None
Spectral Band:	510-900 nm	510-900 nm
f Stop:	3.5	4
Shutter Speed:	1/125	1/300
No. of Frames:	66	43
% Overlap:	60	60
Quality:	Excellent	Excellent
Remarks:	See write up.	See write up.

## FLIGHT SUMMARY

88-080

This flight was the ferry flight from Moffett Field, California to Wallops Island, Virginia. It was flown as a camera check flight under the FY 1988 Airborne Instrumentation Research Program (AIRP) Plan. IRIS II and RC-10 color infrared photographic data were acquired over selected sites in Salt Lake City, Utah and Nebraska.

No processing or camera malfunctions were noted and the quality the data is rated excellent.

CAMERA FLIGHT LINE DATA  
 FLIGHT NO. 88-080

Sensor #	Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
			START	END		
070		0003-0045	16:23:22	16:28:08	65000/19800	Clear; Salt Lake City, Utah (North to South)
		0046-0049	16:52:37	16:52:58	"	Clear; Clearing frame over NW Colorado at N40-26 W108-32
		0050-0053	17:48:35	17:48:56	"	Very minor cumulus; clearing frames over Nebraska at N40-45 W100-24
		0054-0068	18:11:27	18:13:05	"	Minor cumulus and thin cirrus; Clearing frames over Nebraska at N40-47 W097-03
076		2578-2602	16:02:48	16:13:42	65000/19800	Clear; Salt Lake City, Utah (South to North)
		2603-2614	16:25:00	16:29:30	"	Clear; Salt Lake City, Utah (North to South)
		2615-2620	18:13:13	18:14:36	"	10-20% Cirrus and Cumulus Clouds; Clearing frames over Nebraska at N40-47 W097-03