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# Airborne Instrumentation Research Project

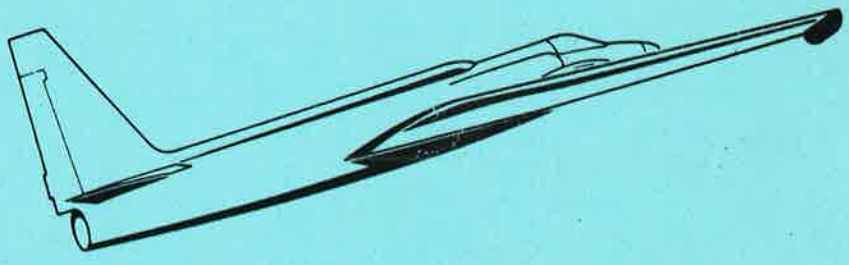
## Flight Summary Report

Flight No. 83-121

Date 22 June 1983

FSR-1858

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# NASA

National Aeronautics and  
Space Administration

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

**Airborne Missions and Applications Division**

# FLIGHT SUMMARY REPORT

Flight No: 83-121

Date: 22 June 1983

FSR No: 1858

Julian Date: 173

Sensor Package: Iris II Panoramic

Aircraft No: 706

Purpose of Flight: #0965 Support  
Requestor: Weber

Area(s) Covered: Pennsylvania

## SENSOR DATA

Accession No:	03324
Sensor ID No:	070
Sensor Type:	Iris II Panoramic
Focal Length:	24" 609.6mm
Film Type:	High Definition Aerochrome Infrared
Filtration:	CC.30B
Spectral Band:	510-900nm
f Stop:	3.5
Shutter Speed:	1/200
No. of Frames:	2207
% Overlap:	60
Quality:	Excellent
Remarks:	-----

## FLIGHT SUMMARY

83-121

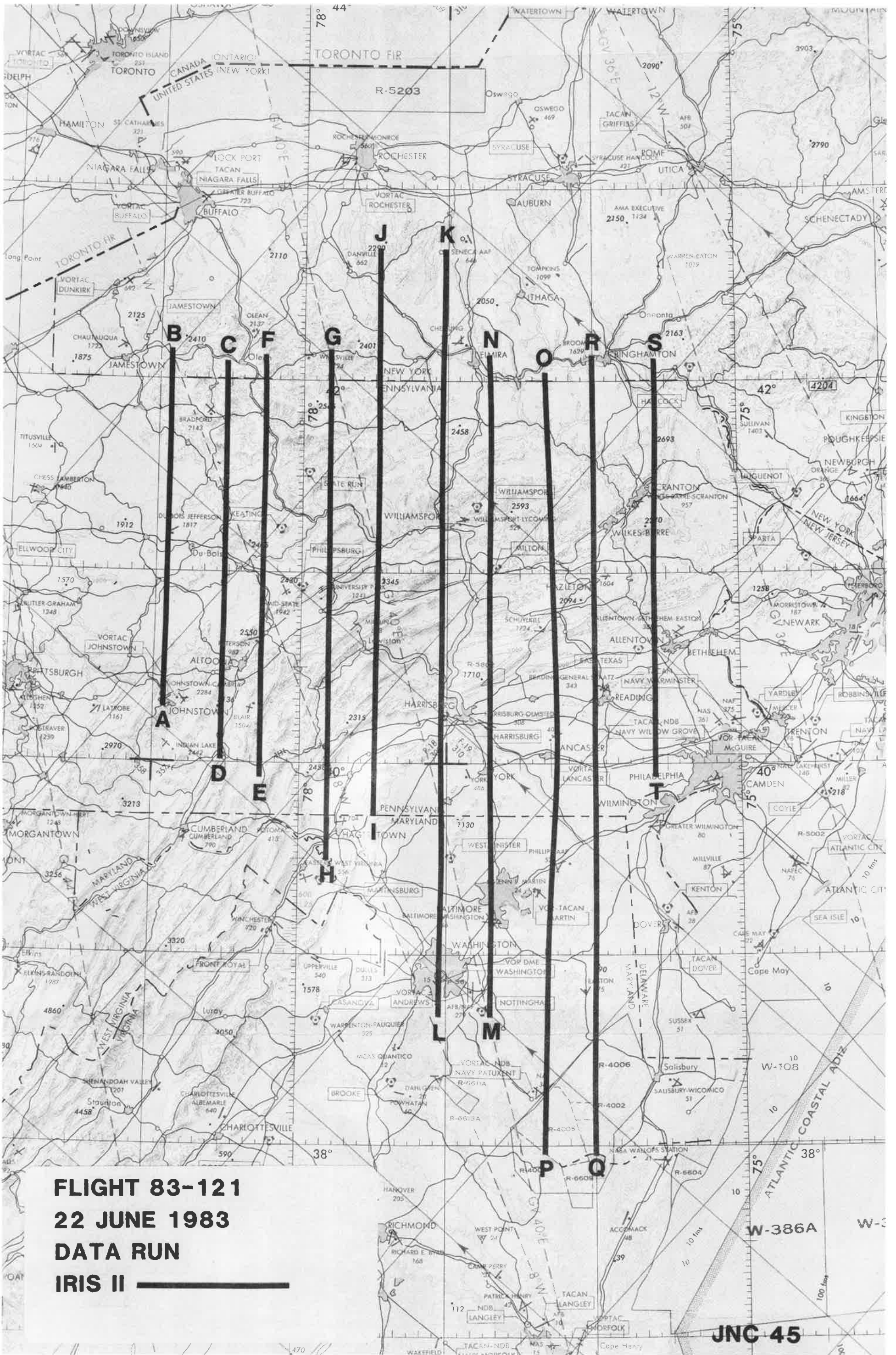
This flight was flown in support of Flight Request #0965 (Weber, USFS) under the FY 1983 Airborne Instrumentation Research Program (AIRP). The IRIS II Panoramic camera (90° FOV) was used to obtain photographic coverage over Pennsylvania and Maryland.

Minor cumulus cloud cover was encountered throughout the flight. No camera or processing malfunctions were noted and the quality of the data is rated excellent.

## FLIGHT LINE DATA

FLIGHT NO. 83-121

Check Points	Frame Numbers	Time (GMT—hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A-B	0001-0135	13:39:12	14:50:31	65,000/1980	10% cumulus, frs. 0001-0009
C-D	0136-0286	14:57:20	15:11:37	"	10-20% cumulus, frs. 0275-0287
E-F	0287-0452	15:16:04	15:35:10	"	Factory splice, fr. 0450
G-H	0453-0644	15:40:32	16:05:38	"	Minor cumulus, frs. 0630-0644; factory splice, fr. 0566
I-J	0645-0869	16:11:52	16:34:47	"	Intermittent minor cumulus througout flightline
K-L	0870-1164	16:39:42	17:14:14	"	Thin cirrus, frs. 0870-0900; minor cumulus; frs. 1154-1164; factory splice, fr.0973
M-N	1165-1422	17:18:29	17:48:12	"	Minor cumulus throughout flightline
O-P	1423-1721	17:54:58	18:28:28	"	Factory splice, fr. 1703
Q-R	1722-2043	18:33:17	19:10:31	"	Minor cumulus, frs. 1955-1970; factory splice, fr. 1811
S-T	2044-2207	19:16:07	19:35:07	"	



**FLIGHT 83-121**  
**22 JUNE 1983**  
**DATA RUN**  
**IRIS II**

**JNC 45**