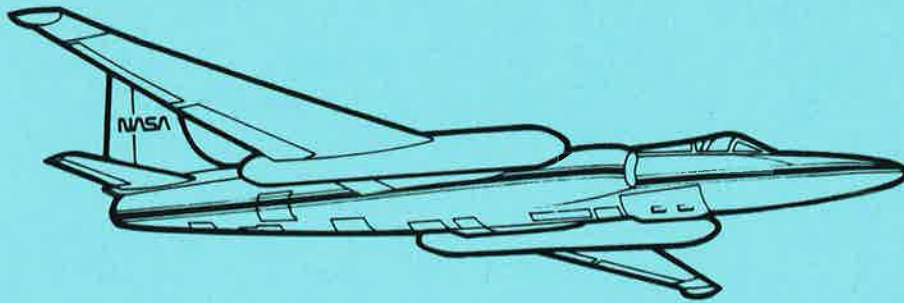


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## Airborne Instrumentation Research Project

# Flight Summary Report

**Flight No.** 86-146  
**Date** 24 June 1986



**Science and Applications Aircraft Division**

**NASA**

National Aeronautics and  
Space Administration

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

FLIGHT SUMMARY REPORT

Flight Number: 86-146

Date: 24 June 1986

Julian Date: 175

Sensor Package: IRIS II Panoramic Camera

Aircraft No: 706

Purpose of Flight: #86R0903 Support  
Requestor: Weber

Area(s) Covered: Maryland, Delaware, Virginia, *Pennsylvania*

SENSOR DATA

Accession No: 03575  
Sensor ID No: 070  
Sensor Type: IRIS Panoramic Camera  
Focal Length: 24"  
609.6mm  
Film Type: High Definition  
Aerochrome Infrared,  
SO-131  
  
Filtration: CC .20C  
  
Spectral Band: 510-900nm  
f Stop: 3.5  
Shutter Speed: 1/250  
No. of Frames: 430  
% Overlap: 60  
Quality: Excellent  
Remarks: ---

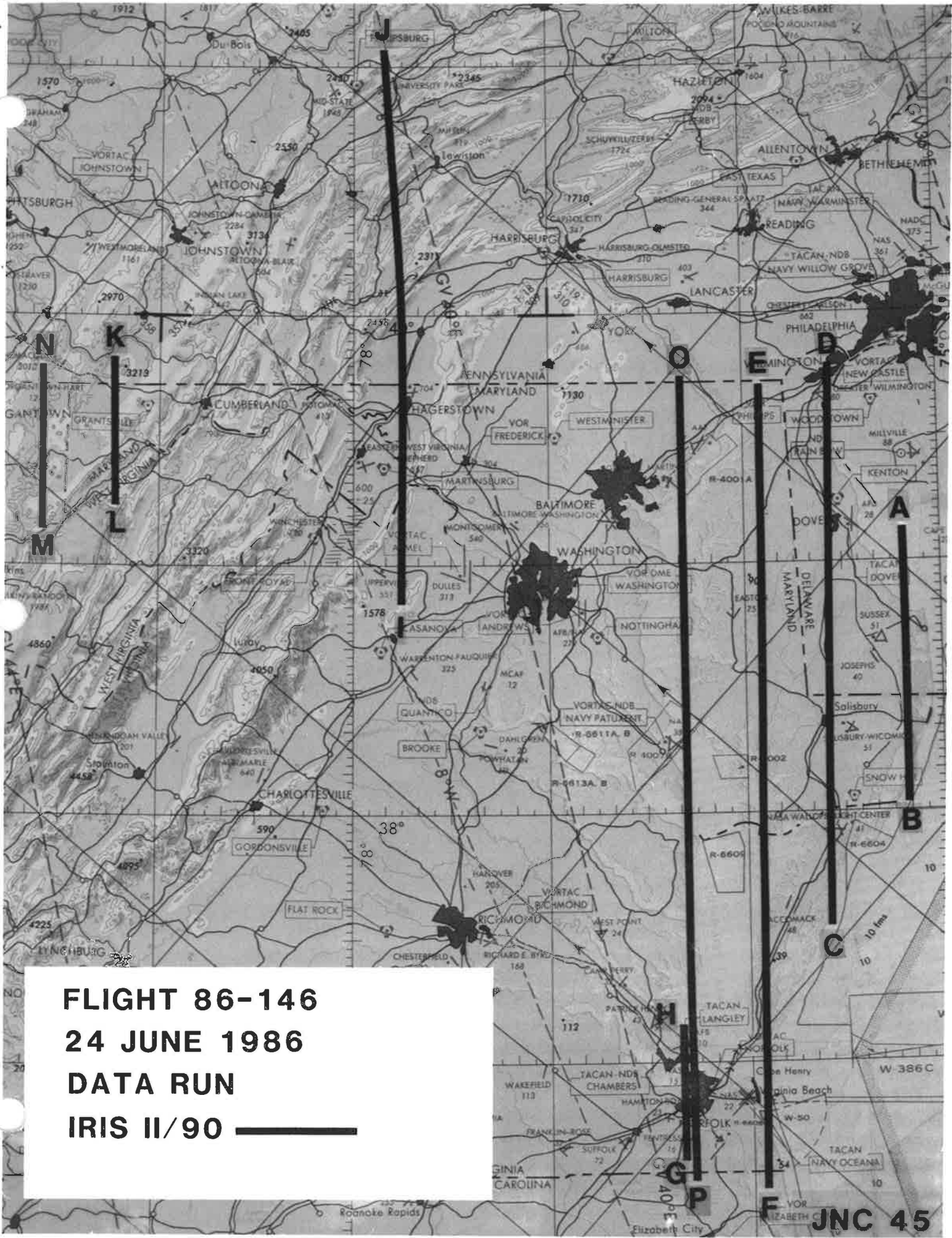
## FLIGHT SUMMARY

86-146

This flight was flown in support of Flight Request #86R0903 (Weber, USFS) under the FY 1986 Airborne Instrumentation Research Program (AIRP) plan. The ITEK IRIS II Panoramic Camera (90 FOV) was utilized to acquire photographic coverage over Maryland, Delaware and Virginia (see track map).

CAMERA FLIGHT LINE DATA  
 FLIGHT NO. 86-146

Sensor #	Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
			START	END		
070	A-B	0070-0149			65000/19800	
	C-D	0150-0315			"	
	E-F	0316-0551			"	
	G-H	0552-0593			"	
	I-J	0594-0752			"	
		0005-0163*			"	
	K-L	0753-0795			"	
		0164-0206*			"	
	M-N	0796-0845			"	
		0207-0256*			"	
	O-P	0846-1088			"	
		0257-0499*			"	
* FRAME NUMBERS IN COUNTER WINDOW						



**FLIGHT 86-146**  
**24 JUNE 1986**  
**DATA RUN**  
**IRIS II/90** —————