

G  
70.4  
F58

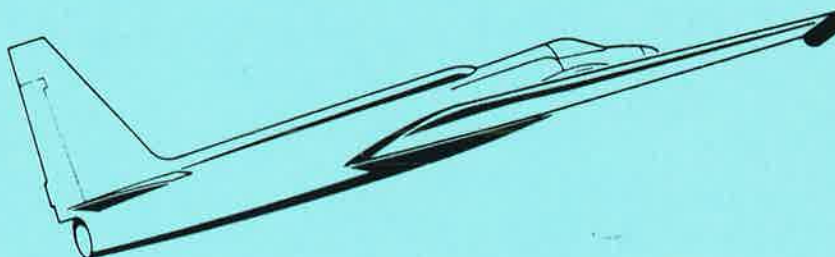
# Airborne Instrumentation Research Project

## Flight Summary Report

Flight No. 82-149A

Date 4 August 1982

**FSR- 1647**



# NASA

National Aeronautics and  
Space Administration

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

**Airborne Missions and Applications Division**

# FLIGHT SUMMARY REPORT

Flight No: 82-149A

Date: 4 August 1982

FSR No: 1647

Julian Date: 216

Sensor Package: RC-10

Aircraft No: 706

Purpose of Flight: #0929 Support  
Requestor: Bauer

Area(s) Covered: Central California

## SENSOR DATA

*ordered 1/83*

Accession No:

03120

Sensor ID No:

035

Sensor Type:

RC-10

Focal Length:

153.46mm  
6"

Film Type:

Aerochrome Infrared,  
SO-193

Filtration:

CC .20B + 2.2AV

Spectral Band:

510-900nm

f Stop:

11

Shutter Speed:

1/250

No. of Frames:

184

% Overlap:

60

Quality:

Excellent

Remarks:

1 stop underexposed

## **FLIGHT SUMMARY**

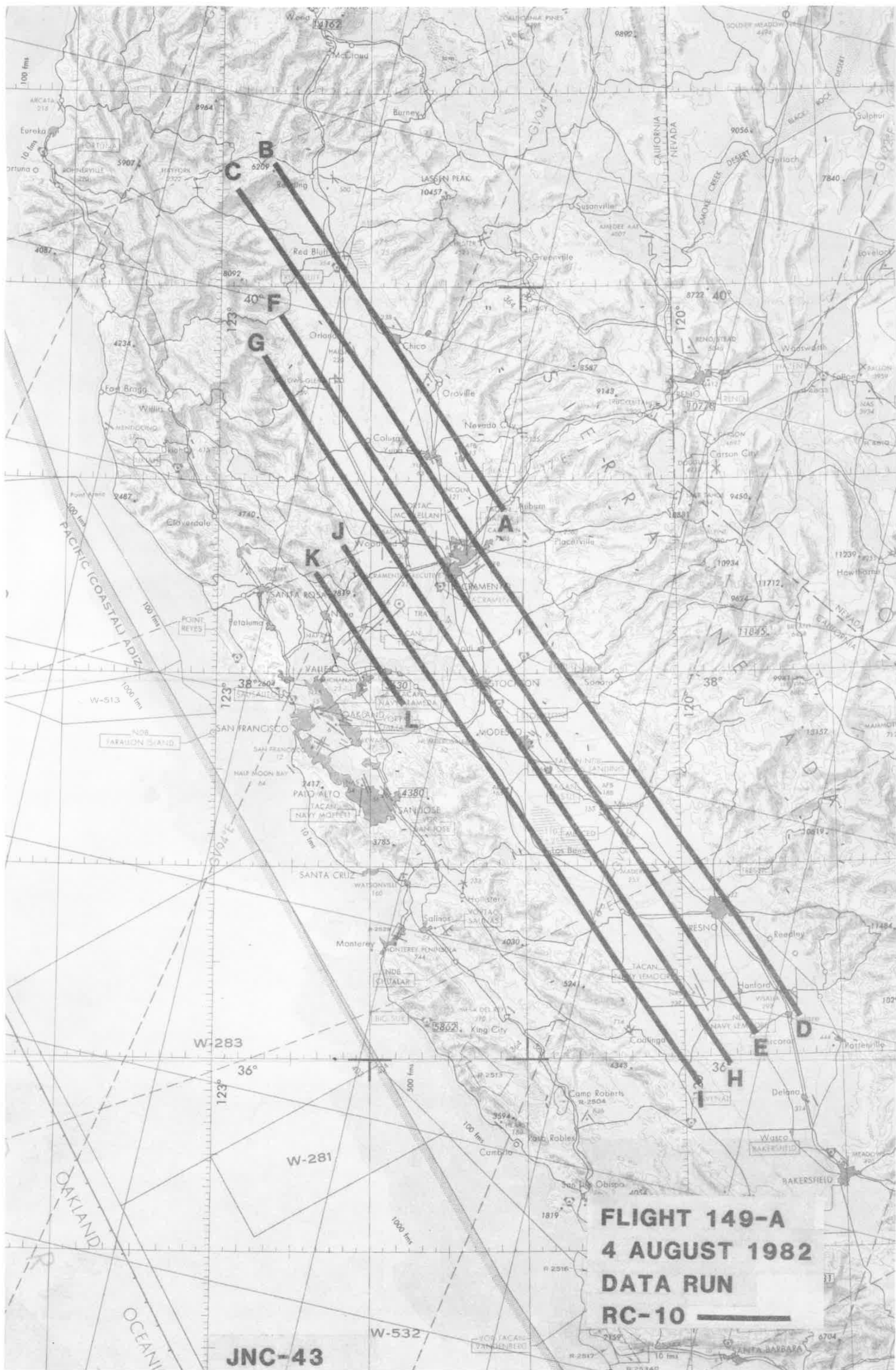
82-149A

This flight was flown in support of Flight Request #0929 (Bauer, NASA/ARC) under the FY 1982 Airborne Instrumentation Research Program (AIRP) plan. Photographic coverage was acquired of the California Central Valley.

Minor cumulus and cirrus cloud coverage was encountered on four of the flight lines. The film is one stop underexposed. No processing malfunctions were encountered.

**FLIGHT LINE DATA****FLIGHT NO.** 82-149A

Sensor #	Check Points	Frame Numbers	Time (GMT— hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
			START	END		
035	---	1226	15:50:53	---	65,000/19800	Clear; single pulse frame--Walnut Creek
	A-B	1227-1244	18:10:34	18:53:02	"	10% cumulus, fr. 1244
	C-D	1245-1291	18:56:45	19:40:03	"	20% cumulus, fr. 1245
	E-F	1292-1333	19:43:58	20:20:31	"	40% cumulus, frs. 1324-1326
	G-H	1334-1374	20:26:19	21:03:25	"	30% cumulus, frs. 1340-1341
	I-J	1375-1403	21:07:20	21:33:36	"	Clear
	K-L	1404-1409	21:36:46	21:41:03	"	Clear



**FLIGHT 149-A**  
**4 AUGUST 1982**  
**DATA RUN**  
**RC-10**

**JNC-43**