

**National Aeronautics and Space Administration**

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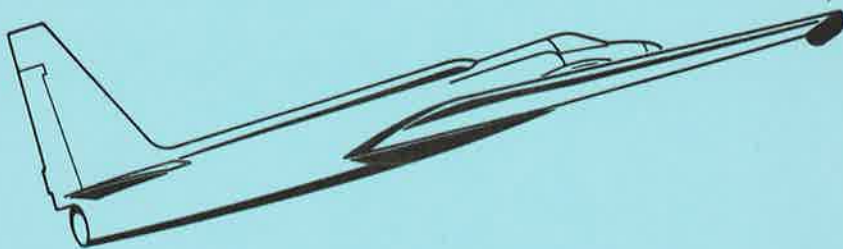
**Earth Resources Aircraft Project**

**Flight Summary Report**

**Flight No.** 74-164A

**Date** 23 September 1974

**FSR- 536**



**Airborne Science Office**

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

# NASA/ARC Earth Resources Aircraft Project

## FLIGHT SUMMARY REPORT

FSR: 536

Flight No: 74-164A

Date: 23 September 1974

Aircraft No: 4

Julian Date: 266

Sensor Package: A-3 Configuration (single camera only)

Purpose of Flight: 74-SR-0186 Support  
Requestor: Deerwester, NASA/ARC

Area(s) Covered: Davis and Sacramento, California

### SENSOR DATA

Accession No: 01923

Sensor ID No: 020

Sensor Type: HR-732

Lens Focal Length: 24"

Film Type: Aerochrome Infrared,  
2443

Spectral Band: 510-900nm

f Stop: 11

Shutter Speed: 1/250

No. of Frames: 19

% Overlap: 60

Quality: Good

Remarks: Emulsion defect  
throughout roll

## FLIGHT SUMMARY

74-164A

This flight was in support of Flight Request 74-SR-0186 (Deerwester, NASA/ARC) under the CY 1974 Earth Observations Aircraft Program (EOAP) plan. The flight provides data over Davis and Sacramento, California in support of a Dutch Elm disease detection program being conducted by the Department of Agriculture, State of California (see Track Map).

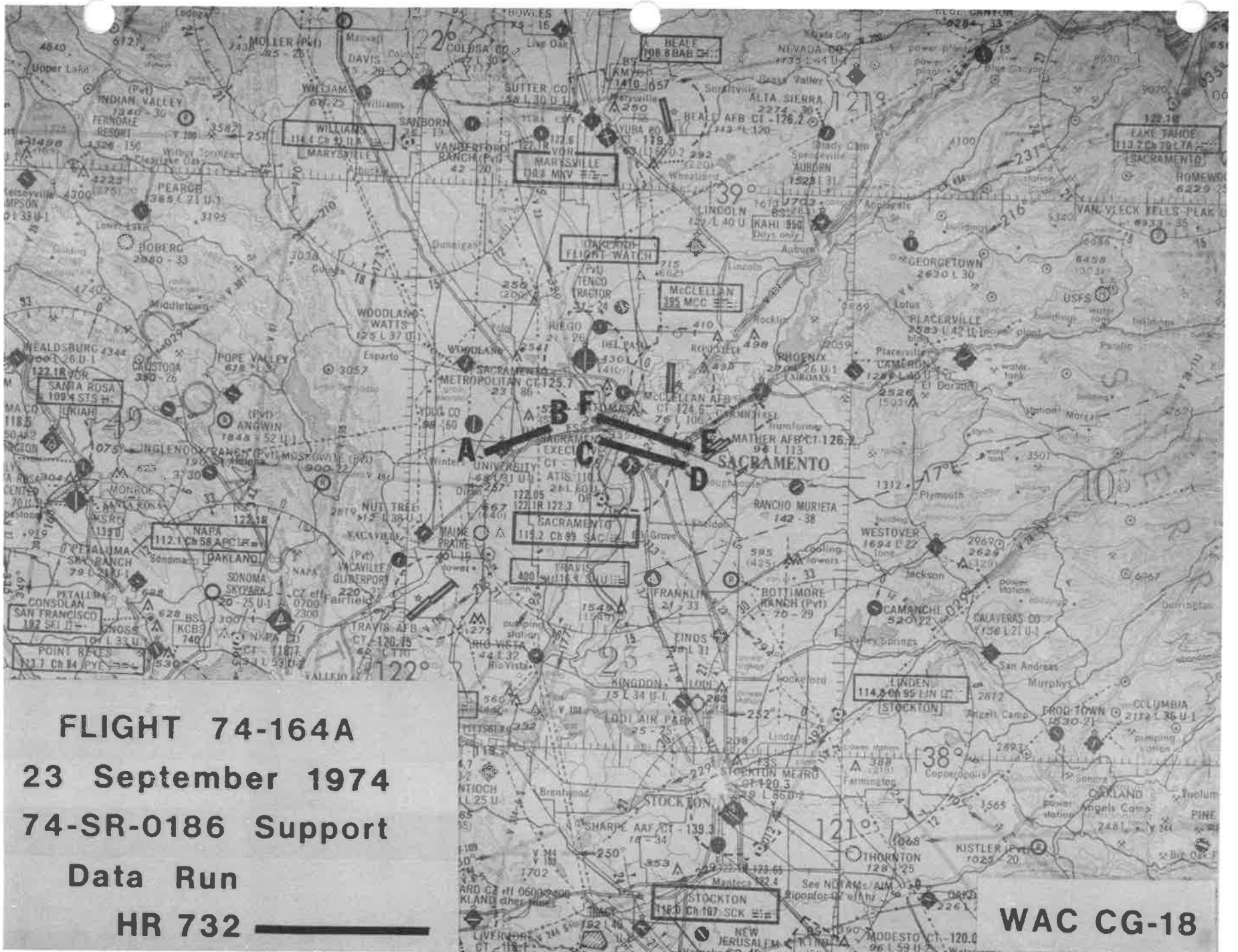
The quality of the data is rated good due to an emulsion streak believed to be a manufacturing defect. The flight was flown at 44,000 feet over a cloud-free test area.

# FLIGHT LINE DATA

HR-732

FLIGHT NO. 74-164A

Check Points	Frame Numbers	Time (GMT - hr. min, sec)		Altitude, MSL (feet)	Cloud Cover/Remarks
		START	END		
A-B	0000-0003	19:15:05	19:15:48	44,000	Clear
C-D	0004-0010	19:17:56	19:20:25	"	"
E-F	0011-0018	19:24:58	19:26:42	"	"



**FLIGHT 74-164A**

**23 September 1974**

**74-SR-0186 Support**

**Data Run**

**HR 732**

**WAC CG-18**