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National Aeronautics and Space Administration

Earth Resources Aircraft Project

## Flight Summary Report

Flight No. 73-078

Date 21 May 1973

FSR- 286



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Airborne Science Office

Ames Research Center, Moffett Field, California

31 May 1973

**NASA/ARC Earth Resources Aircraft Project**  
**FLIGHT SUMMARY REPORT**

Flight No: 73-078

Date: 21 May 1973

Aircraft No: 4

Julian Date: 141

Sensor Package: A-1 Configuration, vertical cameras only

Purpose of Flight: ERTS-1 Aircraft Support  
Proposal No. 275

Area(s) Covered: Sacramento Valley, California

**SENSOR DATA**

Accession No:	01182	01185
Sensor ID No:	006	009
Sensor Type:	HC730V	HR732
Lens Focal Length:	6"	24"
Film Type:	Aerochrome Infrared, 2443	Aerochrome Infrared, 2443
Spectral Band:	510-900nm	510-900nm
f Stop:	11	8
Shutter Speed:	1/250	1/250
No. of Frames:	34	142
% Overlap	60	60
Quality	Fair	Good
Remarks	Slightly overexposed	Sporadic "hot spot" center of some frames- cause undetermined

## FLIGHT SUMMARY

73-078

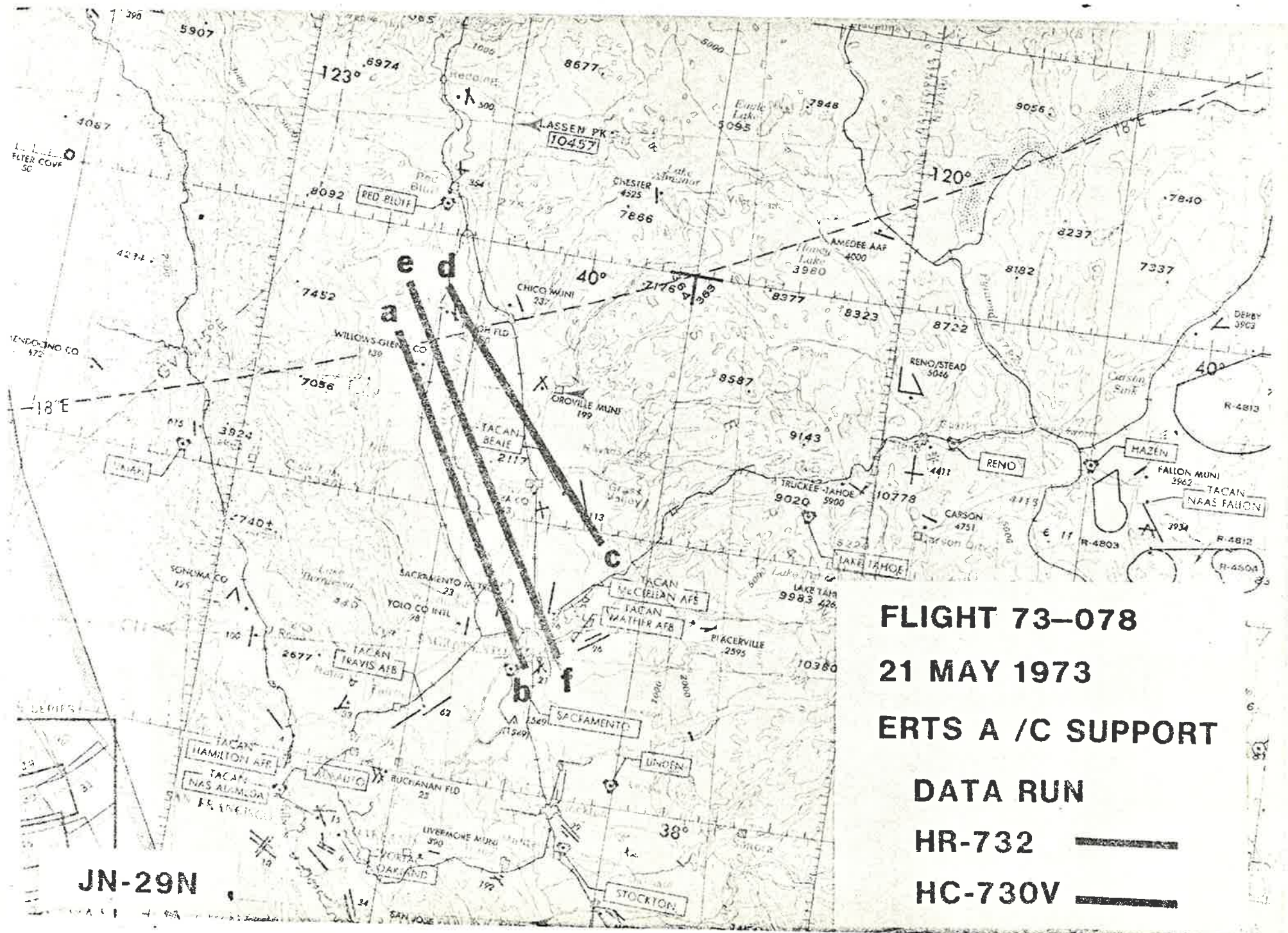
This is an ERTS-1 Aircraft Support flight for Proposal No. 275 (Poulton) covering the Sacramento Valley (see Track Map). The A-1 Configuration camera system, vertical cameras only, was employed on this flight with both cameras loaded with color infrared film.

All flight lines are cloud-free. The film from camera 006 is slightly overexposed and sporadic frames of the camera 009 film are affected with a "hot spot" of undetermined origin. The camera system was operated in rocker mode (obliques) at the beginning of each flight line.


## FLIGHT LINE DATA

FLIGHT NO. 73-078

Check Points	Frame Numbers	Time (GMT - hr, min, sec)		Altitude, MSL (feet)	Cloud Cover/Remarks	
		START	END			
HC730V	A-B	0000-0011	19:00:00	19:12:00	65,000	Clear
	C-D	0012-0020	19:18:00	19:28:00	"	"
	E-F	0021-0033	19:30:00	19:48:00	"	"
HR732	A-B	0006-0054	19:00:30	19:12:15	65,000	Clear
	C-D	0055-0091	19:19:55	19:28:37	"	"
	E-F	0092-0147	19:35:18	19:48:56	"	"
Camera operated in rocker mode (obliques) beginning of each flight line						



JN-29N

**FLIGHT 73-078**  
**21 MAY 1973**  
**ERTS A /C SUPPORT**  
**DATA RUN**  
**HR-732**   
**HC-730V** 