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National Aeronautics and Space Administration

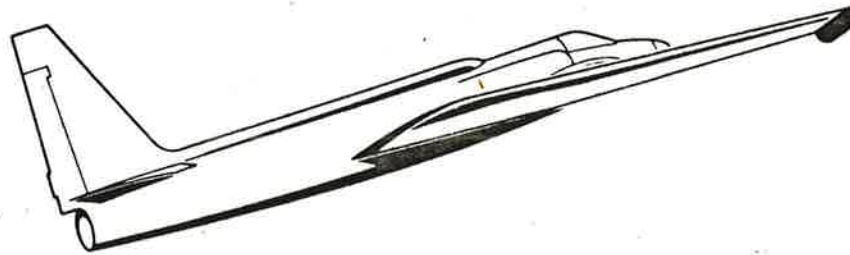
Earth Resources Aircraft Project

Flight Summary Report

Flight No. 73-170B

Date 3 October 1973

FSR- 366



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Airborne Science Office

Ames Research Center, Moffett Field, California

NASA/ARC Earth Resources Aircraft Project

FLIGHT SUMMARY REPORT

Flight No: 73-170B

Date: 3 October 1973

Aircraft No: 4

Julian Date: 276

Sensor Package: A-1 Configuration

Purpose of Flight: Contingency, Post-fire Assessment

Area(s) Covered: Barkerville Fire Site,
Lake County, California

SENSOR DATA

Accession No:	01504	01505
Sensor ID No:	006	009
Sensor Type:	HC-730V	HR-732
Lens Focal Length:	6"	24"
Film Type:	Panatomic-X, 3400	Aerochrome Infrared, 2443
Spectral Band:	510-700nm	510-900nm
f Stop:	11	9
Shutter Speed:	1/150	1/150
No. of Frames:	6	26
% Overlap	60	60
Quality	Excellent	Excellent
Remarks		

FLIGHT SUMMARY

73-170B

This post-fire assessment Contingency flight was flown over the Barker-ville Fire site (see Track Map) in Lake County, California for Mr. Bill Larramendy (BLM), Mr. Robert Weaver (CDF), and Mr. Bill Fiever (USFS) in support of rehabilitation planning.

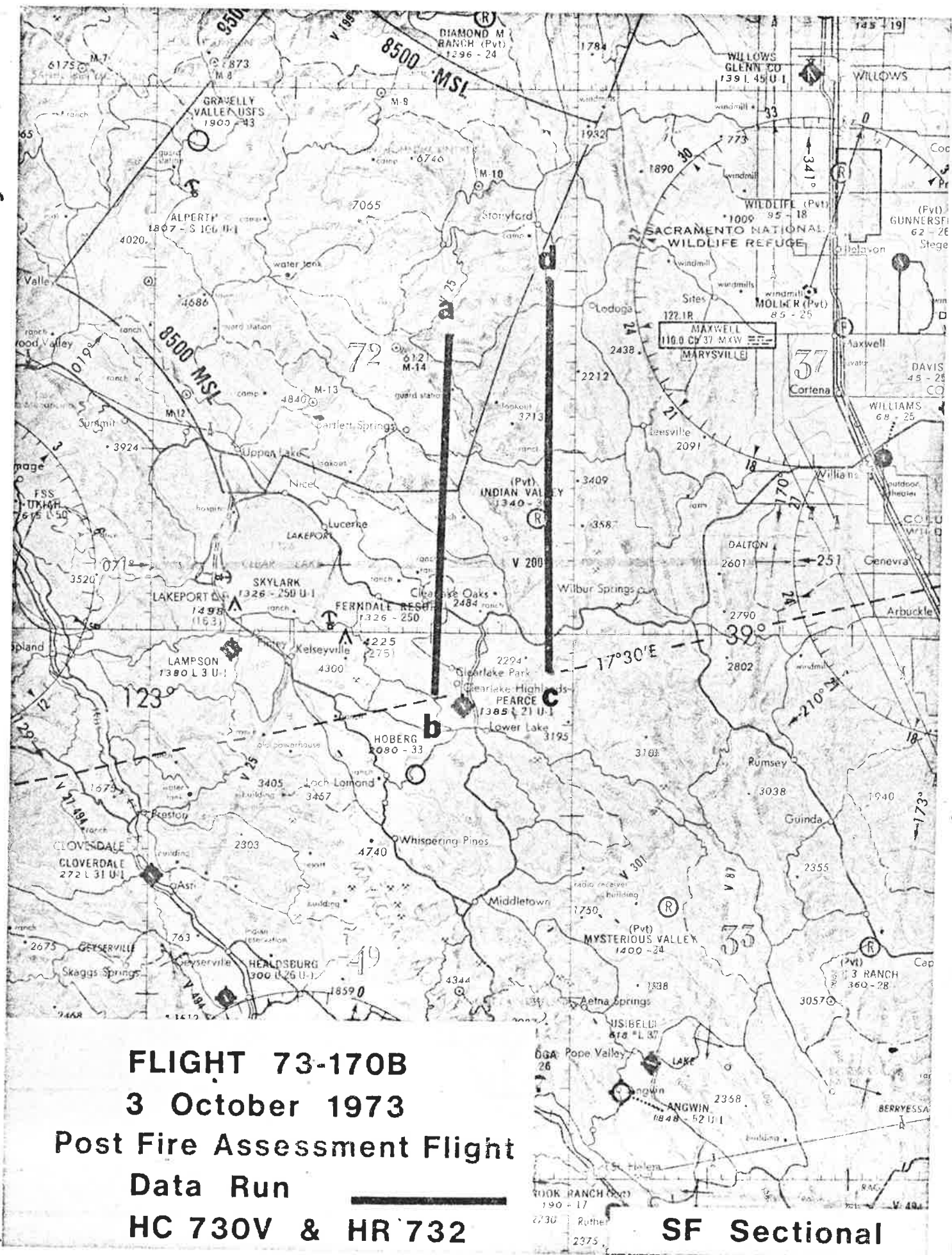
Due to a navigational error on a previous flight (73-166), complete coverage of this area had not been obtained. This pick-up flight was accomplished on a homebound leg of an ERTS-1 Aircraft Support flight over Oregon and Washington.

Coverage was obtained from 48,000 feet MSL with both the HR-732 and HC-730V cameras of the A-1 Configuration. The quality of the film data is excellent with no malfunctions noted.

FLIGHT LINE DATA

FLIGHT NO. 73-170B

Check Points	• Frame Numbers	*Time (GMT - hr, min, sec)		Altitude, MSL (feet)	Cloud Cover/Remarks	
		START	END			
HC730V	a-b	078-080	21:47:30	21:49:33	48,000	Clear
	c-d	081-083	21:54:47	21:56:49	"	"
*HC-730V clock set for PDT - add 7 hours for GMT. Times listed are correct GMT.						
HC732	a-b	0116-0128	21:46:23	21:50:27	48,000	Clear
	c-d	0129-0141	21:54:59	21:57:04	"	"
*HR-732 set for GMT - 11 hour Times listed are correct GMT						



FLIGHT 73-170B
3 October 1973
Post Fire Assessment Flight
Data Run
HC 730V & HR 732

SF Sectional