

OVERSIZE

National Aeronautics and Space Administration

Earth Resources Aircraft Project

## Flight Summary Report

Flight No. 73-149

Date 2 September 1973

FSR- 348



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Airborne Science Office

Ames Research Center, Moffett Field, California

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# NASA/ARC Earth Resources Aircraft Project

## FLIGHT SUMMARY REPORT

Flight No: 73-149

Date: 25 September 1973

Aircraft No: 5

Julian Date: 245

Sensor Package: A-3 Configuration

Purpose of Flight: Fire Assessment

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

### SENSOR DATA

Accession No:	01413	01414	01415
Sensor ID No:	018	019	020
Sensor Type:	HR-732	HR-732	HR-732
Lens Focal Length:	24"	24"	24"
Film Type:	Panatomic-X, 3400	Aerochrome Infrared, 2443	Infrared Aerographic, 2424
Spectral Band:	510-700nm	510-900nm	700-900nm
f Stop:	8	11	16
Shutter Speed:	1/250	1/150	1/250
No. of Frames:	45	45	45
% Overlap	60	60	60
Quality	Excellent	Excellent	Excellent
Remarks			

## FLIGHT SUMMARY

73-149

This is a Fire Assessment flight over the Barkerville, California fire utilizing the A-3 Camera Configuration with three different film types. Flight altitude was 49,300 feet MSL in order to provide an image contact scale matching the 1:24,000 topographic maps.

All imagery is of excellent quality with no camera or processing malfunctions noted. Copies of the film and selected paper prints of the black-and-white films were provided to the California Division of Forestry by early afternoon for use by the fire crews.

# FLIGHT LINE DATA

FLIGHT NO. 73-149

A-3 CONFIGURATION

Check Points	Frame Numbers	Time (GMT - hr, min, sec)		Altitude, MSL (feet)	Cloud Cover/Remarks
		START	END		
a-b	0000-0008	16:21:05	16:23:03	49,300	Clear
c-d	0009-0019	16:27:15	16:29:42	"	"
e-f	0020-0029	16:32:55	16:35:10	"	"
g-h	0030-0035	16:38:10	16:39:24	"	"
i-j	0036-0044	16:42:19	16:44:18	"	"

Camera 019 frame counter starts at 9999 - clock is 10 seconds behind other two cameras

**FLIGHT 73-149**  
**2 SEPTEMBER 1973**  
**FIRE ASSESSMENT**  
**DATA RUN**  
**A-3 CONFIGURATION**

