

National Aeronautics and Space Administration

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Earth Resources Aircraft Project

Flight Summary Report

Flight No. 75-032

Date 1 April 1975

FSR- 608



Airborne Science Office

Ames Research Center, Moffett Field, California

NASA/ARC Earth Resources Aircraft Project

FLIGHT SUMMARY REPORT

FSR: 608

Flight No: 75-032

Date: 1 April 1975

Aircraft No: 4

Julian Date: 091

Sensor Package: B Configuration

Purpose of Flight: 75-0186 Support
Requestor: Deerwester

Area(s) Covered: Sacramento, Ventura, and Central Coast
of California

SENSOR DATA

Accession No:	02026 (L)	02027 (R)
Sensor ID No:	028	028
Sensor Type:	HR-73B	HR-73B
Lens Focal Length:	36"	36"
Film Type:	High Definition Aerochrome Infrared, S0-127	High Definition Aerochrome Infrared, S0-127
Filtration:	15B + 10M	15B + 10M
Spectral Band:	510-900nm	510-900nm
f Stop:	10	10
Shutter Speed:	1/75	1/75
No. of Frames:	146	146
% Overlap:	60	60
Quality:	Good	Good
Remarks:	Slightly underexposed	Slightly underexposed

FLIGHT SUMMARY

75-032

This flight supports Flight Request 75-0186 (Deerwester, NASA/ARC) under the CY 1975 Earth Observations Aircraft Program (EOAP) plan. Data was acquired on flight tracks over Sacramento, the Ventura plain and the central coast range of California (see Track Map).

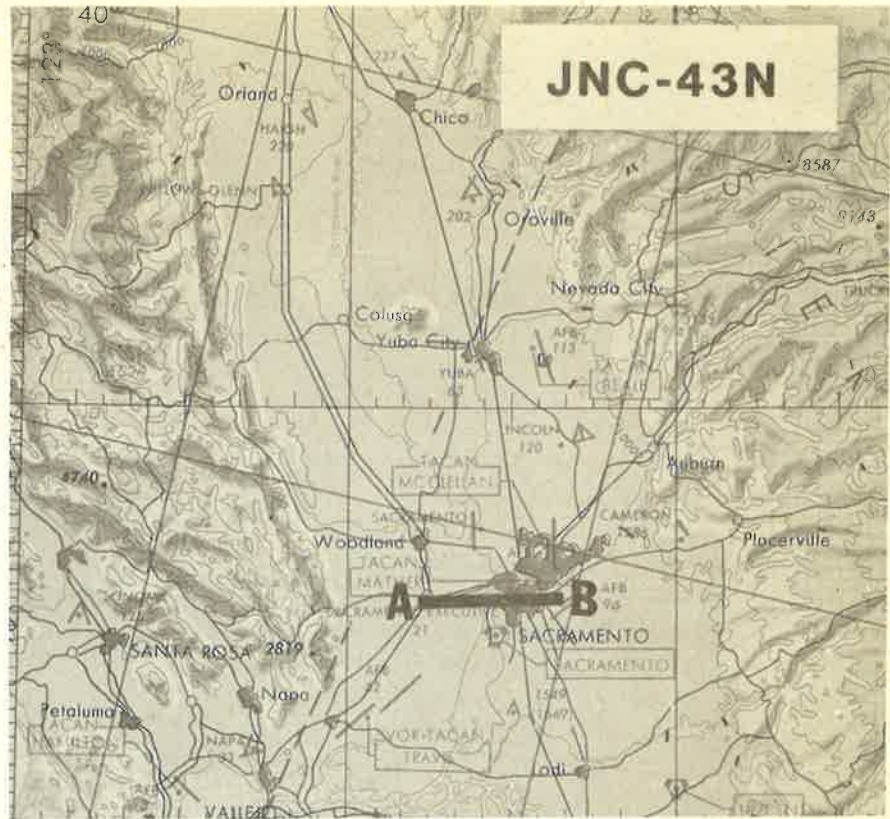
The imagery is rated good although slightly underexposed. The camera was set to maximum aperture opening but due to the sun angle at this time of year and the slow speed of the film it is still underexposed. No other camera or processing malfunctions were noted.

FLIGHT LINE DATA

FLIGHT NO. 75-032

B CONFIGURATION

Check Points	Frame Numbers	Time (GMT - hr, min, sec)		Altitude, MSL (feet)	Cloud Cover/Remarks
		START	END		
A-B	0004-0030	18:52:27	18:55:39	65,000	Clear
C-D	0031-0067	19:42:09	19:46:36	"	10-50% scattered cumulus, frs. 0031-57, 0059-0060, 0062, 0065-0067
E-F	0068-0103	19:49:55	19:54:15	"	10% scattered cumulus, frs. 0068-0069, 0099-0100
G-H	0104-0149	20:21:42	20:27:16	"	Clear



FLIGHT 75-032
1 APRIL 1975
DATA RUN
B CONFIGURATION

