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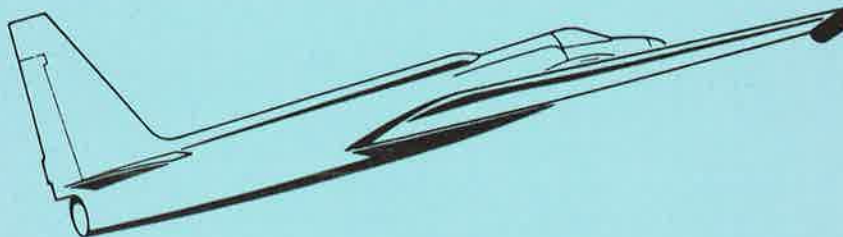
Airborne Instrumentation Research Project

Flight Summary Report

Flight No. 78-074

Date 5 June 1978

FSR- 1140



NASA

National Aeronautics and
Space Administration

Ames Research Center
Moffett Field, California 94035

Airborne Missions and Applications Division

FLIGHT SUMMARY REPORT

Flight No: 78-074

Date: 5 June 1978

FSR No: 1140

Julian Date: 156

Sensor Package: A-4 Configuration (RC-10 only)

Aircraft No: 4

Purpose of Flight: Camera Test

Area(s) Covered: California

SENSOR DATA

Accession No:	02611
Sensor ID No:	031
Sensor Type:	RC-10
Focal Length:	6" 153.05mm
Film Type:	Aerochrome Infrared, SO-193
Filtration:	WRATTEN 12 + 2.2AV
Spectral Band:	510-900nm
f Stop:	11
Shutter Speed:	1/200
No. of Frames:	6
% Overlap:	Variable
Quality:	Excellent
Remarks:	

FLIGHT SUMMARY

78-074

This is a camera test flight to check out the data annotation operation on the A-4 Camera Configuration and the exposure settings for a special order emulsion to be used in the Alaskan deployment. Only the RC-10 photography was accessioned due to the limited coverage area of the HR-732 photography. Photography was acquired over selected areas of California (see Track Map).

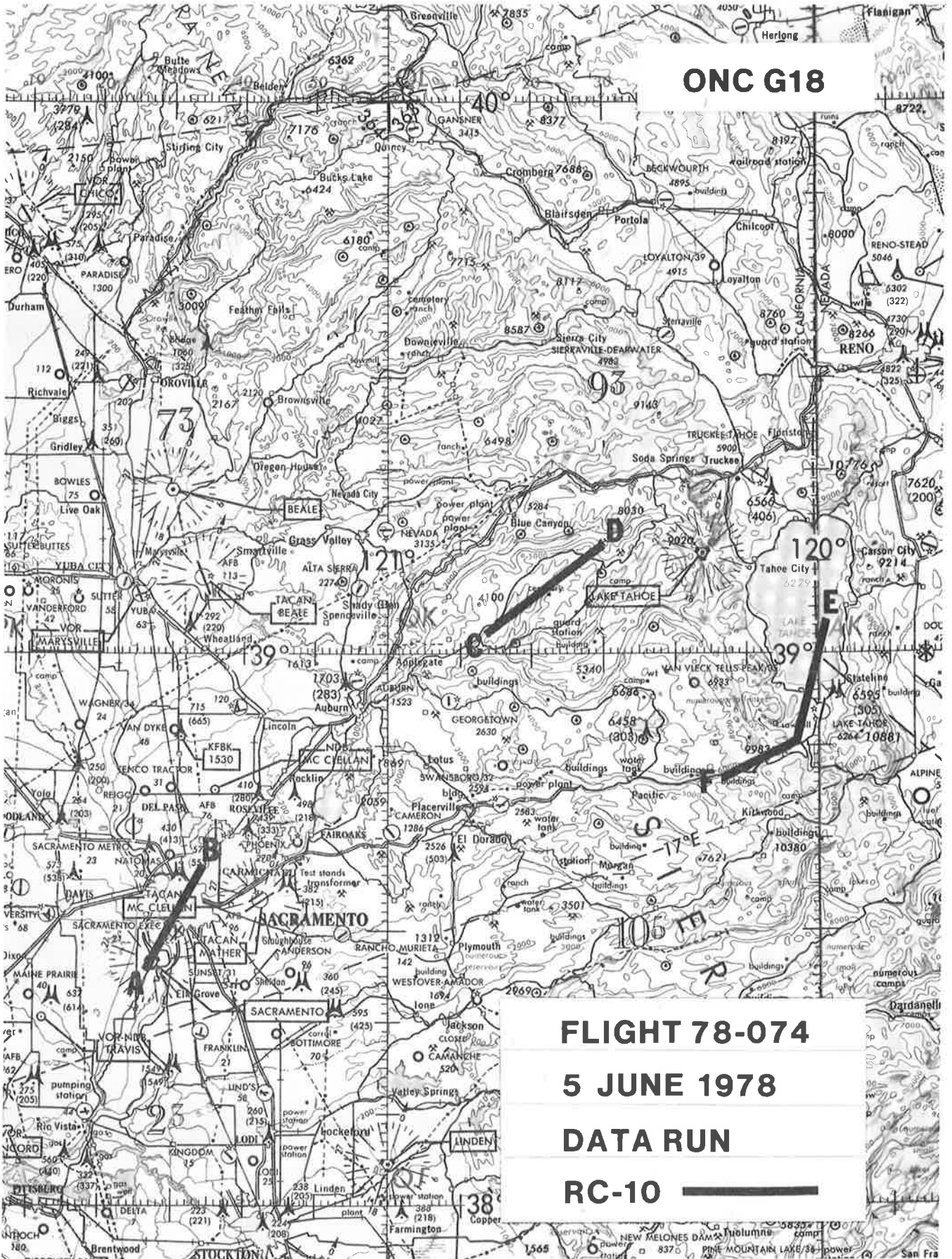
The three areas are clear except for some very minor cumulus clouds in the Sierra Nevada areas. The photography is of excellent quality with no camera or processing malfunctions noted.

FLIGHT LINE DATA

FLIGHT NO. 78-074

Check Points	Frame Numbers	Time (GMT - hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks	
		START	END			
RC-10	A-B	4116-4117	20:15:50	20:15:54	65,000/19800	Clear
	C-D	4118-4119	20:24:18	20:24:22	"	Very minor scattered cumulus
	E-F	4124-4125	20:33:28	20:34:43	"	Minor scattered cumulus, fr. 4124

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FLIGHT 78-074

5 JUNE 1978

DATA RUN

RC-10

El Dorado