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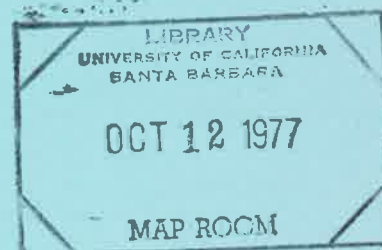
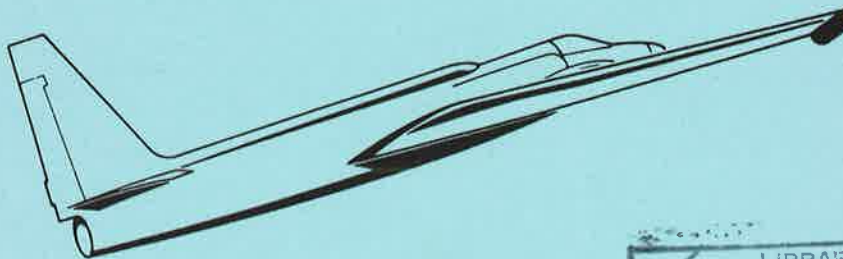
Airborne Instrumentation Research Project

Flight Summary Report

Flight No. 77-065

Date 27 May 1977

FSR- 986



NASA

National Aeronautics and
Space Administration

Ames Research Center
Moffett Field, California 94035

Airborne Missions and Applications Division

FLIGHT SUMMARY REPORT

Flight No: 77-065

Date: 27 May 1977

FSR No: 986

Julian Date: 147

Sensor Package: RC-10

Aircraft No: 4

Purpose of Flight: #0488 Support
Requestor: Robie

Area(s) Covered: San Joaquin Valley, California

SENSOR DATA

Accession No: 02486

Sensor ID No: 036

Sensor Type: RC-10

Focal Length: 6"
153.19mm

Film Type: High Definition Aerochrome
Infrared, S0-127

Filtration: CC .05C + .05B + 2.2AV

Spectral Band: 510-900nm

f Stop: 4.0

Shutter Speed: 1/100

No. of Frames: 114

% Overlap: 60

Quality: Excellent

Remarks:

FLIGHT SUMMARY

77-065

This flight was flown in support of Flight Request #0488 (Robie, California Department of Water Resources) under the FY 1977 Airborne Instrumentation Research Program (AIRP) plan. Photographic coverage was obtained over the San Joaquin Valley in California (see Track Map).

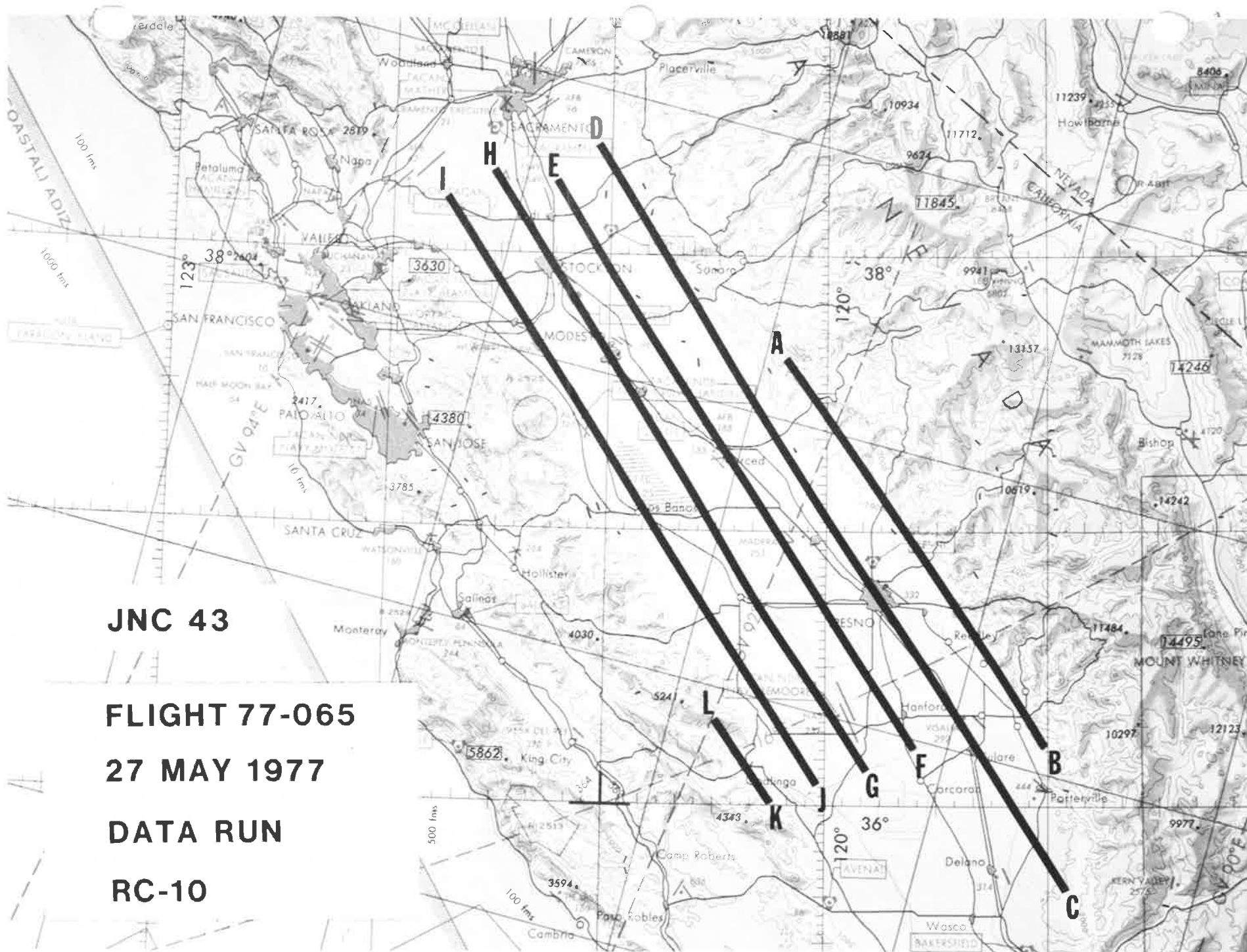
The weather was clear except for some minor cumulus over the foothills of the Sierra Nevada mountains. The imagery is of excellent quality with no camera or processing malfunctions noted.

FLIGHT LINE DATA

RC-10

FLIGHT NO. 77-065

Check Points	Frame Numbers	Time (GMT— hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A-B	7005-7020	17:26:13	17:40:35	65,000/19800	Light to moderate cumulus, frs. 7013-7020
C-D	7021-7048	17:46:59	18:12:51	"	Light cumulus, frs. 7021-7022
E-F	7049-7070	18:16:00	18:36:00	"	Clear
G-H	7071-7092	18:39:00	18:59:15	"	Clear
I-J	7093-7115	19:02:21	19:23:28	"	Light cumulus, fr. 7115
K-L	7116-7118	19:26:56	19:27:55	"	Light cumulus



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FLIGHT 77-065

27 MAY 1977

DATA RUN

RC-10