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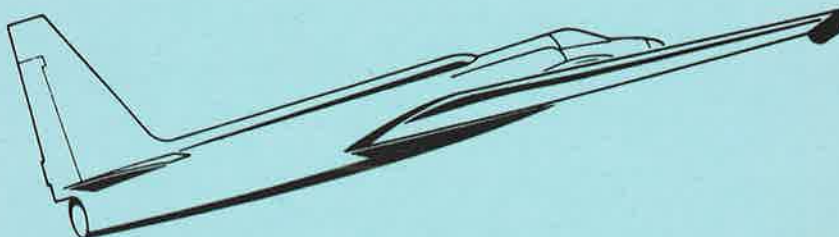
Airborne Instrumentation Research Project

Flight Summary Report

Flight No. 77-059

Date 18 May 1977

FSR- 981



NASA

National Aeronautics and
Space Administration

Ames Research Center
Moffett Field, California 94035

Airborne Missions and Applications Division

FLIGHT SUMMARY REPORT

Flight No: 77-059

Date: 18 May 1977

FSR No: 981

Julian Date: 138

Sensor Package: RC-10

Aircraft No: 4

Purpose of Flight: #0488 Support
Requestor: Robie

Area(s) Covered: South-central California

SENSOR DATA

Accession No:

02485

Sensor ID No:

036

Sensor Type:

RC-10

Focal Length:

6"
153.19mm

Film Type:

High Definition Aerochrome
Infrared, S0-127

Filtration:

CC .05B + .05C + 2.2AV

Spectral Band:

510-900nm

f Stop:

4

Shutter Speed:

1/100

No. of Frames:

128

% Overlap:

60

Quality:

Excellent

Remarks:

FLIGHT SUMMARY

77-059

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 southern portions of the San Joaquin Valley and Coast Range in California (see Track Map).

Minor scattered cumulus clouds were encountered over the coast ranges in addition to some minor cirrus over the northern portion of the test area. The imagery acquired is excellent quality with no camera or processing malfunctions noted.

FLIGHT LINE DATA

FLIGHT NO. 77-059

RC-10

Check Points	Frame Numbers	Time (GMT— hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A-B	6867-6885	17:26:30	17:41:55	65,000/19800	Clear
C-D	6886-6904	17:42:53	18:03:16	"	Minor cirrus, frs. 6899-6904
E-F	6905-6922	18:06:12	18:22:27	"	Contrail, frs. 6912-6917
G-H	6923-6937	18:28:29	18:38:50	"	Minor scattered cumulus, frs. 6926-6937
I-J	6938-6955	18:42:03	18:58:17	"	Minor scattered cumulus and contrails
K-L	6956-6974	19:00:45	19:16:05	"	Minor scattered cumulus and cirrus
M-N	6975-6981	19:19:18	19:25:01	"	Minor scattered cumulus
O-P	6982-6985	19:30:42	19:33:35	"	Clear
Q-R	6986-6994	19:45:32	19:53:09	"	Minor cirrus and contrail, frs. 6991-6994

