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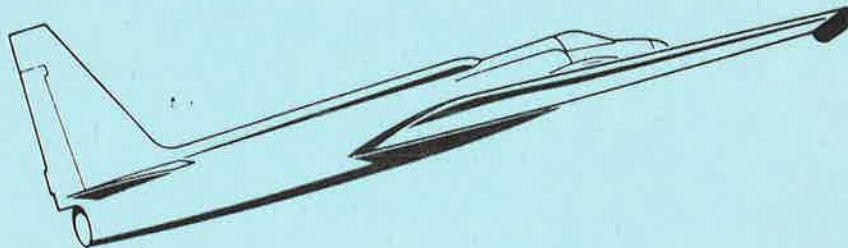
Airborne Instrumentation Research Project

Flight Summary Report

Flight No. 78-037

Date 27 March 1978

FSR-1117



NASA

National Aeronautics and
Space Administration

Ames Research Center
Moffett Field, California 94035

Airborne Missions and Applications Division

FLIGHT SUMMARY REPORT

Flight No: 78-037

Date: 27 March 1978

FSR No: 1117

Julian Date: 086

Sensor Package: Itek Optical Bar Panoramic Camera

Aircraft No: 5

Purpose of Flight: #0678 Support
Requestor: Weber

Area(s) Covered: Sierra Nevada Foothills, California

SENSOR DATA

Accession No:	02589
Sensor ID No:	029
Sensor Type:	Optical Bar
Focal Length:	24" 609.6mm
Film Type:	High Definition Aerochrome Infrared, S0-131
Filtration:	NONE
Spectral Band:	510-900nm
f Stop:	3.5
Shutter Speed:	1/250
No. of Frames:	102
% Overlap:	60
Quality:	Excellent
Remarks:	

FLIGHT SUMMARY

78-037

This flight was flown in support of Flight Request #0678 (Weber, Nationwide Forestry Applications Program, NASA/JSC) under the FY 1978 Airborne Instrumentation Research Program (AIRP) plan. Photographic coverage was acquired over the Sierra Nevada foothills from Placerville to Oroville Dam in eastern California (see Track Map).

The weather was generally clear except for some very minor cumulus clouds on the eastern extremity of the photography. The photography is of excellent quality with no camera or processing malfunctions noted.

FLIGHT LINE DATA

FLIGHT NO. 78-037

OPTICAL
BAR

Check Points	Frame Numbers	Time (GMT— hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A-B	0001-0102	20:36:22	20:51:58	65,000/19800	Film splice, fr. 0066; occasional minor cumulus on eastern extremity of photography

ONC G-18

FLIGHT 78-037
27 MARCH 1978
DATA RUN
OPTICAL BAR 