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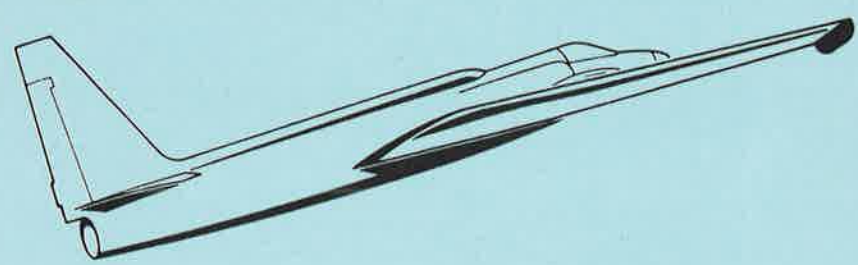
Airborne Instrumentation Research Project

Flight Summary Report

Flight No. 77-116

Date 29 July 1977

FSR- 1032



NASA

National Aeronautics and
Space Administration

Ames Research Center
Moffett Field, California 94035

Airborne Missions and Applications Division

FLIGHT SUMMARY REPORT

Flight No: 77-116

Date: 29 July 1977

FSR No: 1032

Julian Date: 210

Sensor Package: A-3 Configuration

Aircraft No: 5

Purpose of Flight: #0665 Support
Requestor: Stevens
Post-fire Assessment

Area(s) Covered: Santa Barbara/Montecito, California

SENSOR DATA

Accession No:	02521	02522	02523
Sensor ID No:	018	019	020
Sensor Type:	HR-732	HR-732	HR-732
Focal Length:	24" 609.6mm	24" 609.6mm	24" 609.6mm
Film Type:	High Definition Aerochrome Infrared, S0-127	High Definition Aerial Color, S0-242	Panatomic-X, 3400
Filtration:	CC .05C + .20B	NONE	Wratten 12
Spectral Band:	510-900nm	400-700nm	510-700nm
f Stop:	10	10	10
Shutter Speed:	1/75	1/75	1/75
No. of Frames:	27	27	27
% Overlap:	70	70	70
Quality:	Excellent	Excellent	Excellent
Remarks:			

FLIGHT SUMMARY

77-116

This flight was flown in support of Flight Request #0665 (Stevens, Federal Disaster Assistance Administration) under the FY 1978 Airborne Instrumentation Research Program (AIRP) plan. The flight provides A-3 coverage of the Santa Barbara fire area (see Track Map).

Minor coastal fog was encountered over the ocean areas. No processing or camera malfunctions were noted and the quality of the data is rated excellent.

FLIGHT LINE DATA

FLIGHT NO. 77-116

Check Points	Frame Numbers	Time (GMT - hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks	
		START	END			
A-3	A-B	0001-0003	17:40:53	17:41:21	48,000/14650	Clear (not shown on Track Map - 3 frs. over Moffett Field, California)
	C-D	0004-0014	18:15:49	18:18:07	48,000/14650	10-20% coastal fog, frs. 0007-0014
	E-F	0015-0018	18:25:21	18:26:04	48,000/14650	10-30% coastal fog, frs. 0015-0018
	G-H	0019-0021	18:32:40	18:33:09	24,000/7300	Clear
	I	0022	18:36:54	-----	24,000/7300	20% coastal fog
	J-K	0023-0027	18:40:52	18:41:20	24,000/7300	10% coastal fog

FLIGHT 77-116

29 JULY 1977

DATA RUN

A-3

