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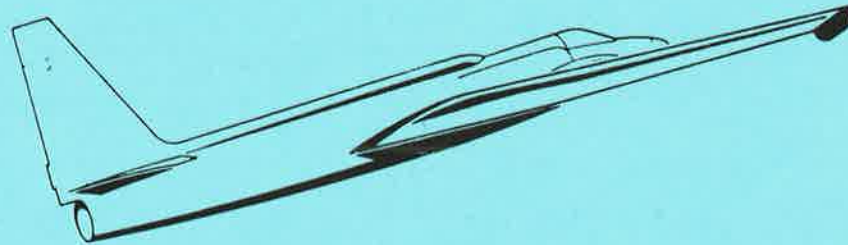
Airborne Instrumentation Research Project

Flight Summary Report

Flight No. 80-159

Date 30 September 1980

FSR- 1466



NASA

National Aeronautics and
Space Administration

Ames Research Center
Moffett Field, California 94035

Airborne Missions and Applications Division

FLIGHT SUMMARY REPORT

Flight No: 80-159

Date: 30 September 1980

FSR No: 1466

Julian Date: 274

Sensor Package: Itek Optical Bar Panoramic Camera

Aircraft No: 4

Purpose of Flight: #0890 Support
Requestor: Weber

Area(s) Covered: Northern California

SENSOR DATA

Accession No: 02953

Sensor ID No: 029

Sensor Type: Optical Bar

Focal Length: 24"
609.6mm

Film Type: High Definition
Aerochrome Infrared,
S0-131

Filtration: CC .30B

Spectral Band: 510-900nm

f Stop: 3.5

Shutter Speed: 1/200

No. of Frames: 1140

% Overlap: 60

Quality: Excellent

Remarks: ---

FLIGHT SUMMARY

80-159

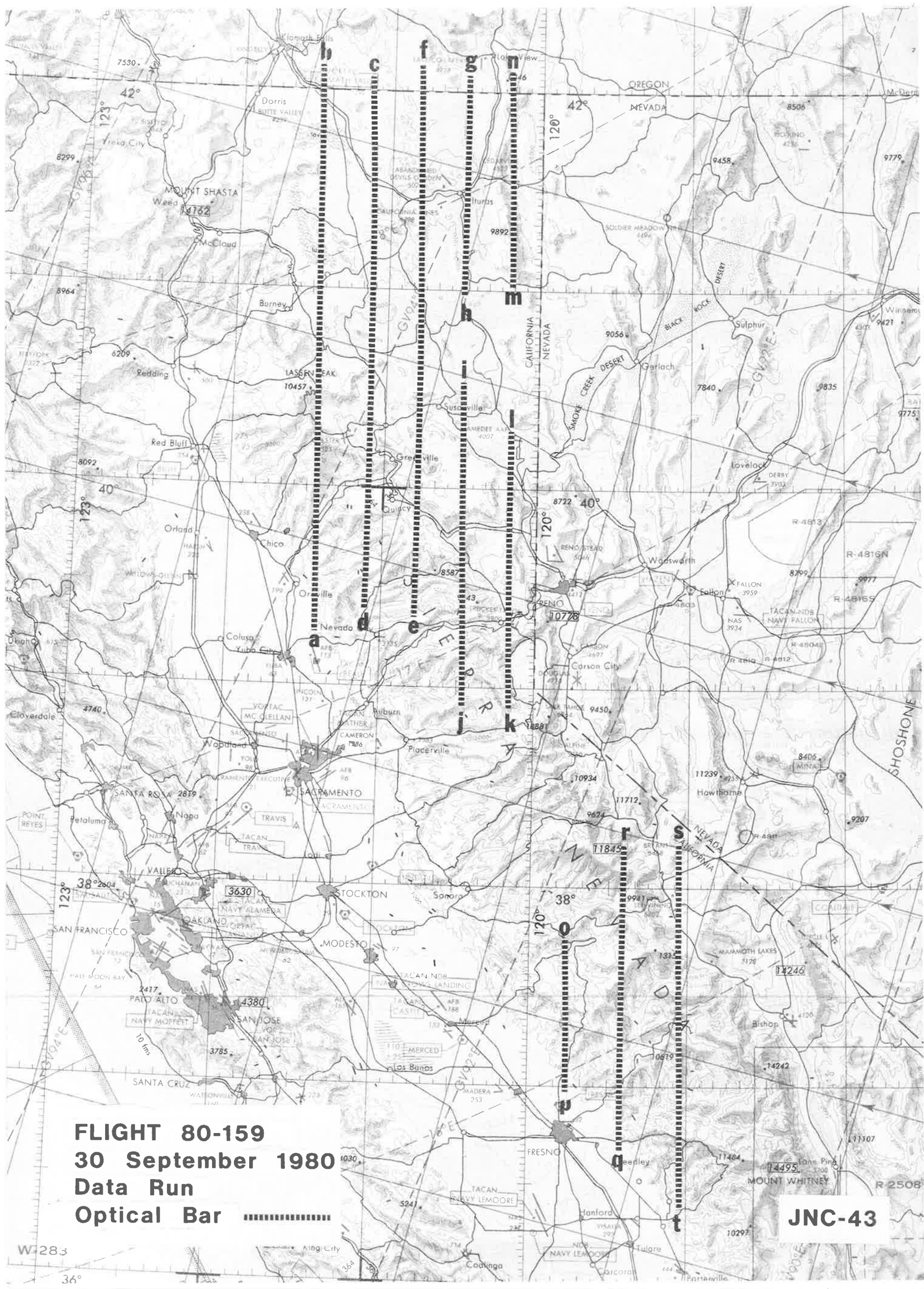
This flight was flown in support of Flight Request #0890 (Weber, USFS) under the FY 1980 Airborne Instrumentation Research Program (AIRP) plan. The data was collected over northern California and the southern Sierra Nevada using the Itek Optical Bar Panoramic camera.

The entire area was cloud-free. No camera or processing malfunctions were noted and the quality of the data is rated excellent.

FLIGHT LINE DATA

FLIGHT NO. 80-159

Check Points	Frame Numbers	Time (GMT – hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks	
		START	END			
OP-Bar	a-b	0001-0189	17:57:24	18:18:20	65,000/19800	Clear
	c-d	0190-0358	18:24:38	18:47:44	"	"
	e-f	0359-0541	18:57:32	19:17:30	"	"
	g-h	0542-0610	19:22:09	19:31:28	"	Factory film splice, fr. 0605
	i-j	0611-0714	19:35:48	19:50:55	"	Clear
	k-l	0715-0804	19:54:43	20:06:53	"	"
	m-n	0805-0879	20:13:40	20:23:38	"	"
	o-p	0880-0928	21:05:54	21:12:28	"	"
	q-r	0929-1029	21:20:10	21:33:51	"	"
	s-t	1030-1140	21:37:37	21:54:05	"	"



FLIGHT 80-159
30 September 1980
Data Run
Optical Bar

JNC-43

W-283

36°