

SAN FRANCISCO BAY AREA

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70.4
FSB

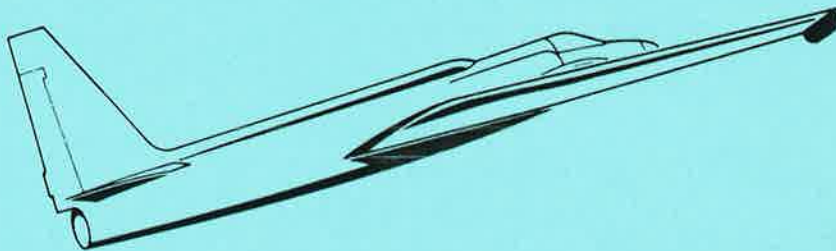
Airborne Instrumentation Research Project

Flight Summary Report

Flight No. 82-087

Date 28 May 1982

FSR- 1603



NASA

National Aeronautics and
Space Administration

Ames Research Center

Moffett Field, California 94035

Airborne Missions and Applications Division

FLIGHT SUMMARY REPORT

Flight No: 82-087

Date: 28 May 1982

FSR No: 1603

Julian Date: 148

Sensor Package: HR-732

Aircraft No: 6

Purpose of Flight: #0943 Support
Requestor: Wieczorek

Area(s) Covered: San Francisco Bay Area, CA

SENSOR DATA

Accession No: 03073

Sensor ID No: 039

Sensor Type: HR-732

Focal Length: 24 "
609.6mm

Film Type: High Definition Aerochrome
Infrared, SO-131

Filtration: CC .30 B

Spectral Band: 510-900nm

f Stop: 8

Shutter Speed: 1/75

No. of Frames: 362

% Overlap: 70

Quality: Excellent

Remarks: ---

FLIGHT SUMMARY

82-087

The flight was flown in support of Flight Request #0943 (Wieczorek, USGS) under the FY 1982 Airborne Instrumentation Research Program (AIRP) plan. The HR-732 camera was utilized to acquire photography over the San Francisco Bay Area for post flood evaluation (see Track Map).

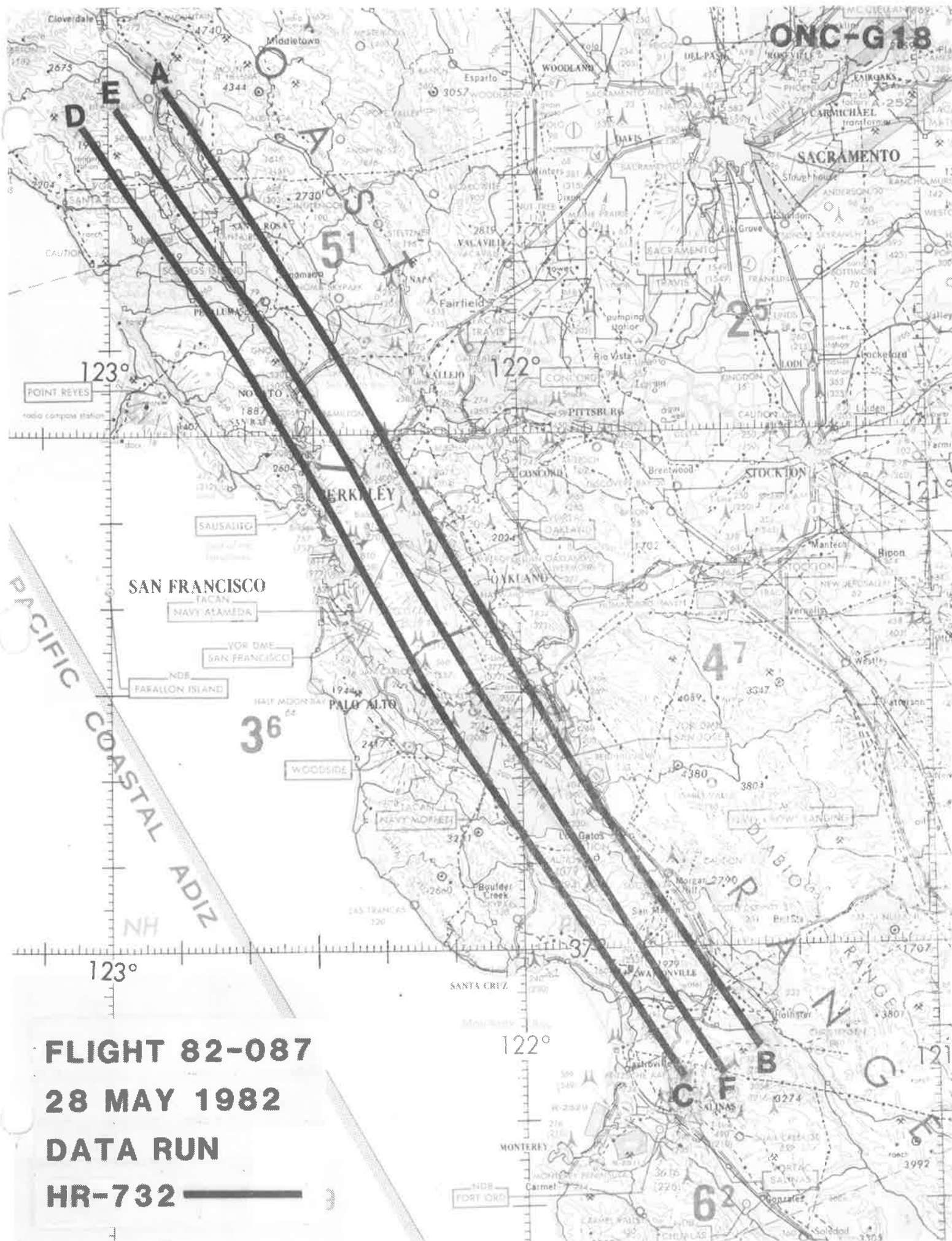
Minor to moderate cloud cover was encountered on some flight lines. No camera or processing malfunctions were noted, and the quality of the data is rated excellent.

FLIGHT LINE DATA

FLIGHT NO. 82-087

Check Points	Frame Numbers	Time (GMT— hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A-B	0001-0117	19:18:38	19:41:33	50,000/15250	Minor haze, frs. 0069-0072
C-D	0118-0234	19:47:42	20:10:43	"	20% cumulus, frs. 0118-0119; 30-40% cumulus, frs. 0120-0127; 10% cumulus, frs. 0128-0139, 0152-0157; thin cirrus, frs. 0167-0174, 0181-0183; 20-30% cirrus, frs. 0184-0188; 10% cirrus, frs. 0189-0193
E-F	0235-0359	20:16:21	20:40:42	"	Blurred fr. 0247 due to turbulence; minor cirrus, frs. 0283-0285; minor cumulus, frs. 0327-0335, 0239-0359; 10-20% cumulus, frs. 0360-0362 at 40,000 feet (single pulse frs. over North Salinas)

ONC-G18



FLIGHT 82-087
28 MAY 1982
DATA RUN
HR-732