

G
70.4
F58

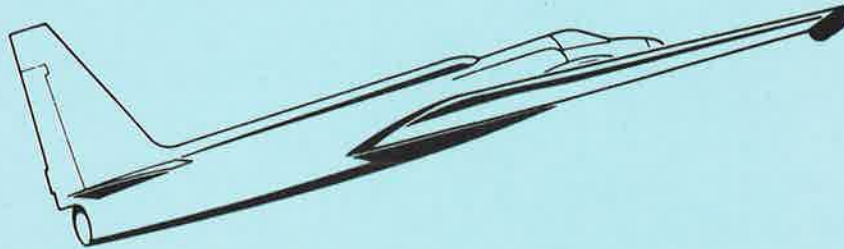
Airborne Instrumentation Research Project

Flight Summary Report

Flight No. 79-007

Date 19 January 1979

FSR- 1222



NASA

National Aeronautics and
Space Administration

Ames Research Center
Moffett Field, California 94035

Airborne Missions and Applications Division

FLIGHT SUMMARY REPORT

Flight No: 79-007

Date: 19 January 1979

FSR No: 1222

Julian Date: 019

Sensor Package: RC-10

Aircraft No: 4

Purpose of Flight: Film Test

Area(s) Covered: Santa Clara County, California

SENSOR DATA

Accession No: 02710

Sensor ID No: 033

Sensor Type: RC-10

Focal Length: 6"
153.17mm

Film Type: Panatomic-X Aerecon II,
S0-297

Filtration: WRATTEN 12 + 2.2AV

Spectral Band: 510-700

f Stop: 5.6

Shutter Speed: 1/200

No. of Frames: 32

% Overlap: 60

Quality: Excellent

Remarks:

FLIGHT SUMMARY

79-007

This flight was flown to assess the quality of Kodak Panatomic-X Aerecon II Film (Estar Base). The film combines 3412 emulsion on a 4-mil base providing higher resolution photography on a stable base. Photography was acquired over the greater Santa Clara County area of California (see Track Map).

The weather was clear except for some occasional minor cumulus clouds. A Light Emitting Diode (LED) control board malfunction resulted in erroneous displays by the minutes digits within the data annotation chamber. All other data annotation is correct. The photography is of excellent quality with no other camera or processing malfunctions noted.

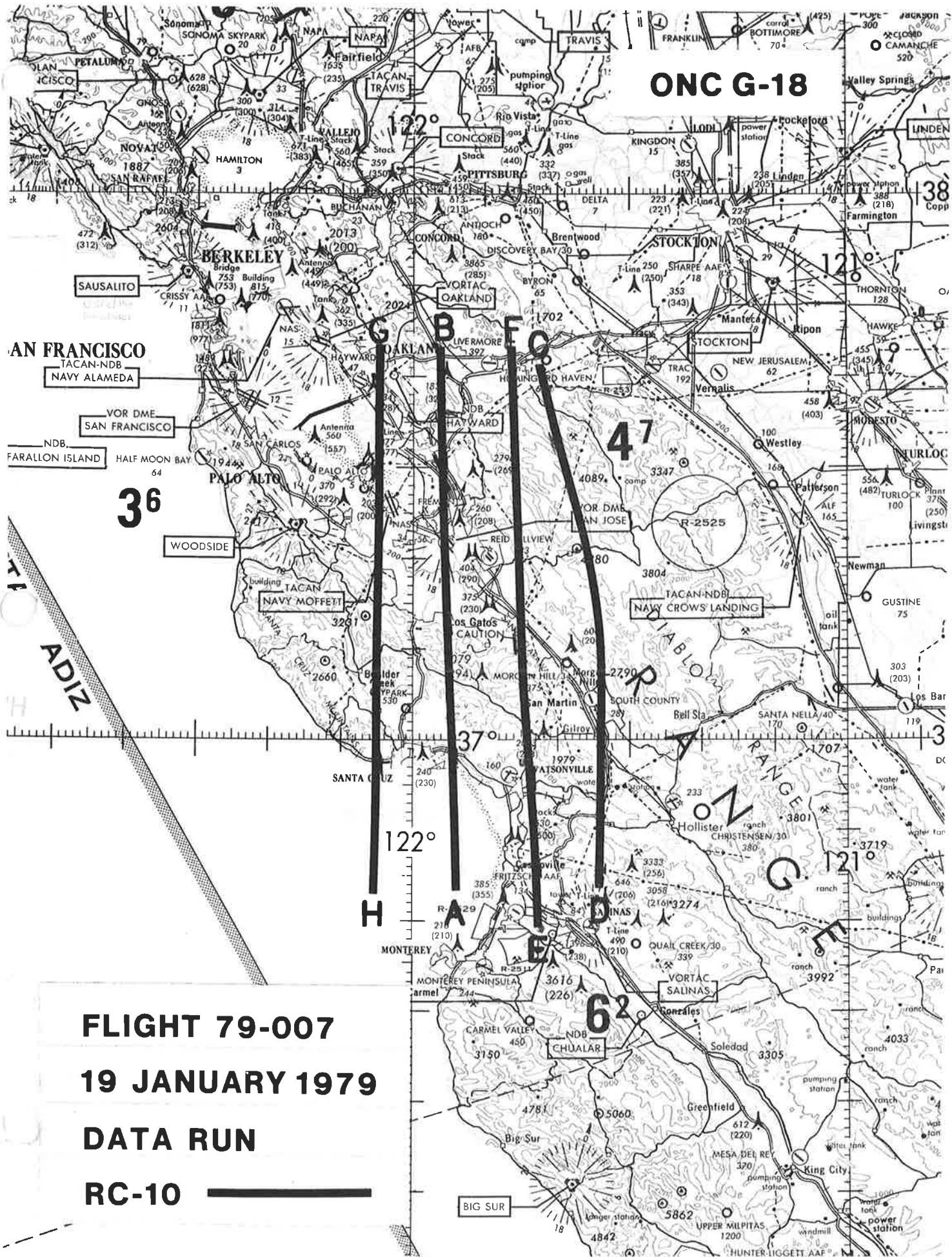
FLIGHT LINE DATA

FLIGHT NO. 79-007

RC-10

Check Points	Frame Numbers	Time (GMT—hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A-B	5848-5856	19:31:53	19:38:39	65,000/19800	Clear; fr. 5853 removed
C-D	5857-5863	19:41:05	19:47:56	"	Very minor cumulus, frs. 5859-5862
E-F	5864-5872	19:53:17	20:00:46	"	Clear
G-H	5873-5880	20:03:18	20:10:22	"	Clear
<p>**MINUTES PORTION OF DATA ANNOTATION ON FILM INCORRECT. TIMES LISTED ARE CORRECT.</p>					

ONC G-18



FLIGHT 79-007
19 JANUARY 1979
DATA RUN
RC-10