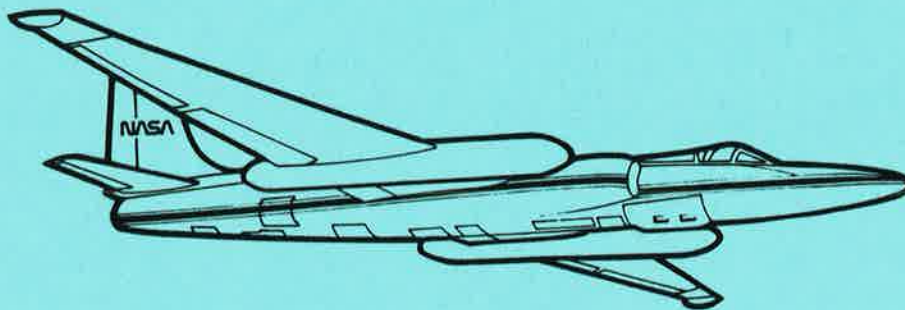


**Airborne Instrumentation Research Project**

**Flight Summary Report**

**Flight No.** 89-030  
**Date** 04 November 1988



**Science and Applications Aircraft Division**

**NASA**

National Aeronautics and  
Space Administration

**Ames Research Center**  
Moffett Field, California 94035

G  
70.4  
F58

FLIGHT SUMMARY REPORT

Flight Number: 89-030

Date: 04 November 1988

Julian Date: 309

Aircraft No: 709

Sensor Package: Single RC-10

Purpose of Flight: #88B218D Support  
Requestor: Sebesta/Wood

Area(s) Covered: Central California Coast

SENSOR DATA

140 x \$4.80 = \$672.00

Accession No: 03817  
Sensor ID No: 036  
Sensor Type: RC-10  
Focal Length: ~~12 inch~~ 6"  
153.19 mm  
Film Type: High Definition  
Aerochrome Infrared  
SO-131  
Filtration: cc .10C  
Spectral Band: 510-900 nm  
f Stop: 4  
Shutter Speed: 1/125  
No. of Frames: 140  
% Overlap: 60  
Quality: Excellent  
Remarks: See write up.

## FLIGHT SUMMARY

89-030

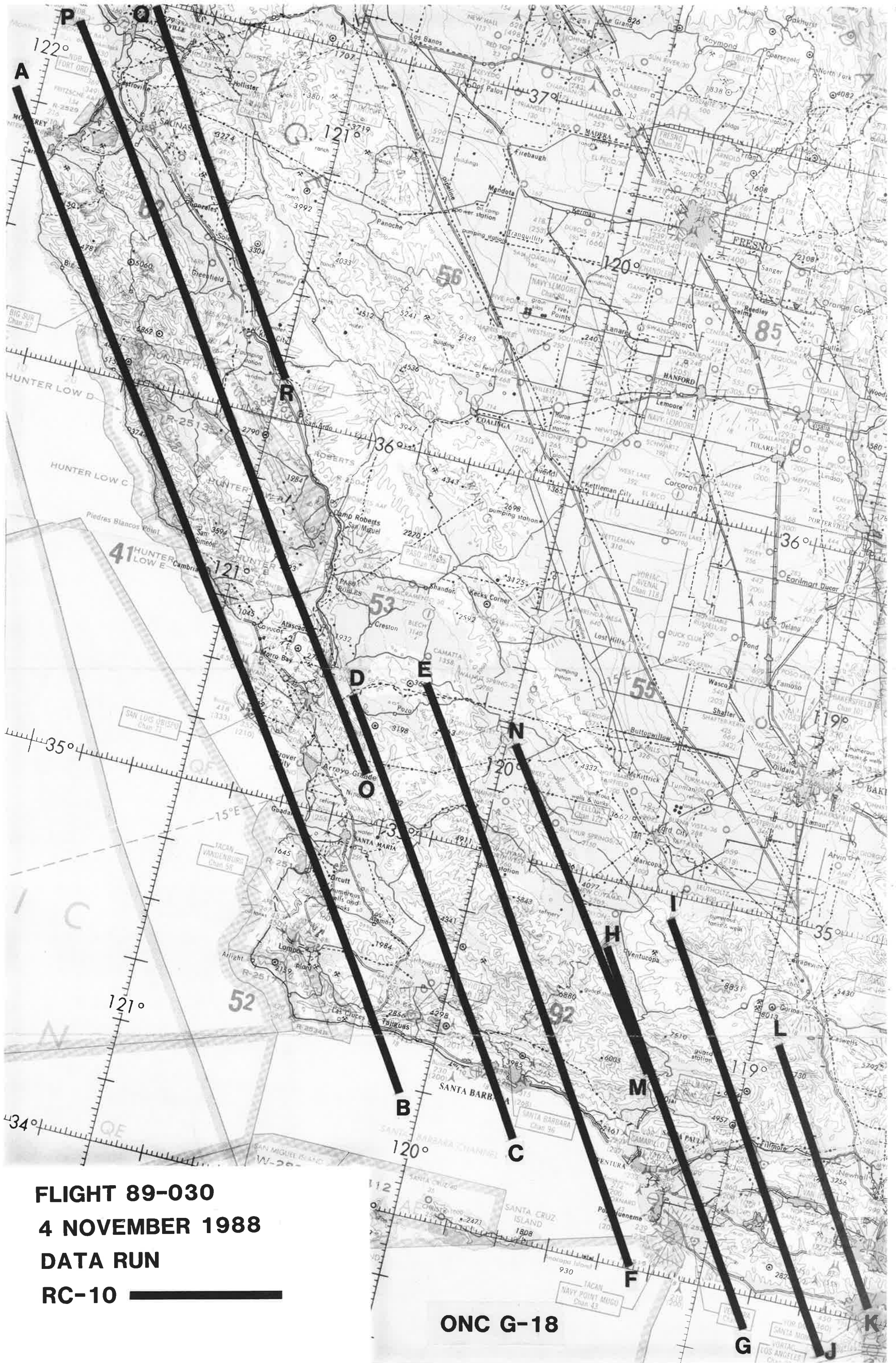
This flight was flown in support of Flight Request #88B218B (Brass, NASA Ames Research Center) under the FY 1988 Airborne Instrumentation Research Program (AIRP) plan. Single RC-10 color infrared photography was obtained over the central coast of California.

Minor stratus cloud cover was encountered during portions of the flight. A film splice was encountered during the first flight line which eliminated several frames of photography. These missing frames were acquired on a subsequent flight (89-025, 28 November 1988). No processing malfunctions were encountered and the quality of the data is rated excellent.

CAMERA FLIGHT LINE DATA  
 FLIGHT NO. 89-030

Accession No. 03817

Sensor #	Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
			START	END		
036	-----	0843	19:40:52	-----	65000/19800	Clear Single frame over Half Moon Bay
	A - B	0844-0875	19:48:23	20:16:21	"	Film splice between frames 0845 & 0850; Oblique frames 0873-0875
	C - D	0876-0889	20:17:19	20:26:25	"	Clear
	E - F	0890-0906	20:30:18	20:44:47	"	Clear
	G - H	0907-0918	20:48:43	20:56:54	"	Coastal stratus; Frames 0907-0911
	I - J	0919-0931	21:00:35	21:08:29	"	Clear
	K - L	0932-0940	21:11:39	21:16:48	"	Clear
	M - N	0941-0949	21:21:16	21:27:43	"	Stratus; Frames 0962-0965
	O - P	0950-0973	21:32:25	21:51:37	"	Clear
	Q - R	0974-0982	21:55:48	22:02:42	"	10% Stratus; Frames 0981-0982



**FLIGHT 89-030**  
**4 NOVEMBER 1988**  
**DATA RUN**  
**RC-10**

**ONC G-18**