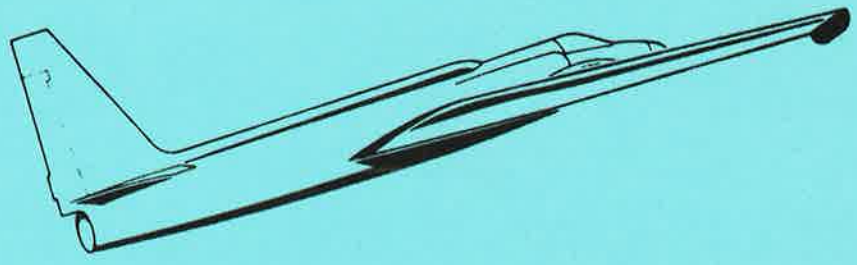
Airborne Instrumentation Research Project

Flight Summary Report

Flight No. 83-006

Date 13 October 1982

FSR- 1685



National Aeronautics and
Space Administration

Ames Research Center
Moffett Field, California 94035

Airborne Missions and Applications Division

FLIGHT SUMMARY REPORT

Flight No: 83-006

Date: 13 October 1982

FSR No: 1685

Julian Date: 286

Sensor Package: RC-10

Aircraft No: 709

Purpose of Flight: Project Support

Area(s) Covered: Central California

SENSOR DATA

Accession No:	03138
Sensor ID No:	026
Sensor Type:	RC-10
Focal Length:	12" 304.97mm
Film Type:	High Definition Aerochrome Infrared, SO-131
Filtration:	CC .10B
Spectral Band:	510-900nm
f Stop:	4
Shutter Speed:	1/150
No. of Frames:	102
% Overlap:	60
Quality:	Excellent
Remarks:	---

FLIGHT SUMMARY

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This flight was flown as a camera test flight under the FY 1983 Airborne Instrumentation Research Program (AIRP) plan. RC-10 photographic coverage was flown over central California (see Track Map).

Thin cirrus cloud cover was encountered over portions of the flight. No camera or processing malfunctions were noted, and the quality of the data is rated as excellent.

FLIGHT LINE DATA

FLIGHT NO. 83-006

Check Points	Frame Numbers	Time (GMT – hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
---	3071	18:05:54	----		Single pulse frame over Oakland International Airport
A-B	3072-3082	18:24:43	18:29:12	65,000/19800	
C-D	3083-3096	18:39:13	18:45:28	"	Thin cirrus, frs. 3091-3096
E-F	3097-3104	18:52:21	18:55:43	"	Thin cirrus, frs. 3097-3104
G-H	3105-3110	19:08:52	19:11:24	"	
I-J	3111-3118	19:13:42	19:15:37	"	
K-L	3119-3131	19:16:51	19:22:08	"	
M-N	3132-3143	19:24:38	19:29:55	"	
---	3144-3150	19:30:24	19:33:17	"	Oblique frames, camera left on during turn
O-P	3151-3172	19:33:46	19:43:52	"	

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13 OCTOBER 1982
DATA RUN
RC-10