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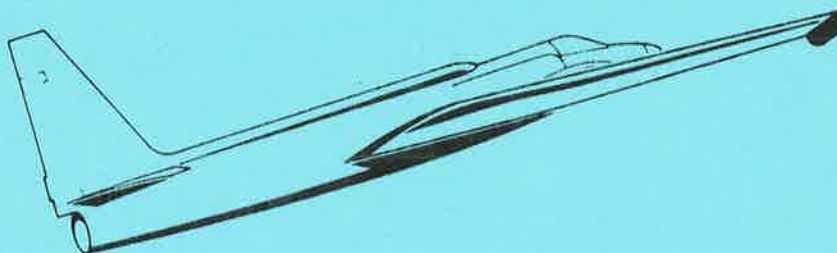
Airborne Instrumentation Research Project

Flight Summary Report

Flight No. 81-052

Date 14 April 1981

FSR- 1492



NASA

National Aeronautics and
Space Administration

Ames Research Center
Moffett Field, California 94035

Airborne Missions and Applications Division

FLIGHT SUMMARY REPORT

Flight No: 81-052

Date: 14 April 1981

FSR No: 1492

Julian Date: 104

Sensor Package: RC-10

Aircraft No: 4

Purpose of Flight: #0698 Support
Requestor: Erb

Area(s) Covered: California

SENSOR DATA

Accession No: 02971

Sensor ID No: 033

Sensor Type: RC-10

Focal Length: 6"
153.17mm

Film Type: Aerochrome Infrared,
SO 193

Filtration: Wratten 12 + 2.2AV

Spectral Band: 510-900nm

f Stop: 5.6

Shutter Speed: 1/250

No. of Frames: 43

% Overlap: Variable

Quality: Excellent

Remarks: ---

FLIGHT SUMMARY

81-052

This flight was flown in support of Flight Request #0698 (Erb, NASA/JSC) under the FY 1981 Airborne Instrumentation Research Program (AIRP) plan. Photographic coverage was obtained over selected sites in California to support the Agristars program. Because of the selective nature of the coverage, no track map is provided.

All sites were cloud-free. No camera or processing malfunctions were noted and the quality of the data is rated excellent.

FLIGHT LINE DATA

FLIGHT NO. 81-052

Check Points	Frame Numbers	Time (GMT— hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
---	6970-6971	18:50:01	18:50:18	65,000/19800	Clear; 2 frames over Colusa site
---	6972-6974	19:54:01	19:55:03	"	Clear; 3 frames over Glenn site
---	6975-6977	19:04:40	19:05:39	"	Clear; 3 frames over Colusa site
---	6978-6980	19:07:23	19:08:38	"	Clear; 3 frames over Yolo site
---	6981-6983	19:10:55	19:11:35	"	Clear; 3 frames over W. Sacramento (Woodland
---	6984-6986	19:14:17	19:15:09	"	Clear; 3 frames over Sacramento site
---	6987-6989	19:17:35	19:18:47	"	Clear, 3 frames over San Joaquin site
---	6990-6992	19:26:05	19:26:55	"	Clear, 3 frames over Solano site
---	6993-6995	19:48:12	19:49:51	"	Clear; 3 frames over Fresno site
---	6996-6998	19:58:26	19:59:36	"	Clear; 3 frames over Tulare site
---	6999-7001	20:21:39	20:22:53	"	Clear; 3 frames over Riverside site
---	7002-7007	20:51:10	20:53:25	"	Clear; 6 frames over San Luis Obispo #1 & #2 sites
---	7008-7012	20:57:16	20:57:56	"	Clear; 5 frames over Kings #1 & #2 sites