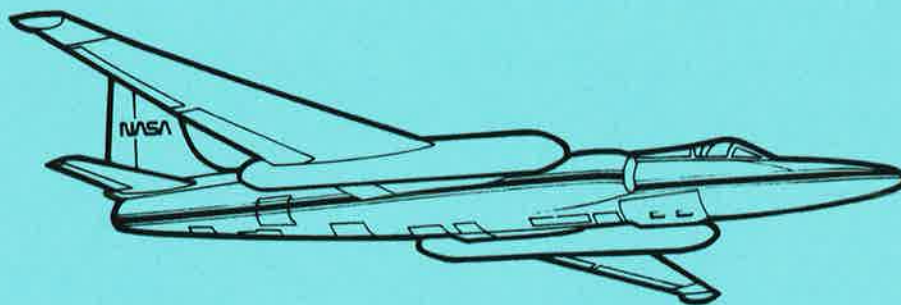


Airborne Instrumentation Research Project

Flight Summary Report

Flight No. 89-027
Date 30 November 1988



Science and Applications Aircraft Division

NASA

National Aeronautics and
Space Administration

Ames Research Center
Moffett Field, California 94035

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70.4
F58

FLIGHT SUMMARY REPORT

Flight Number: 89-027

Date: 30 November 1988

Julian Date: 335

Aircraft No: 709

Sensor Package: Dual Wild-Heerbrug RC-10 Cameras

Purpose of Flight: # 89P226
Requestor: Zolensky, NASA/JSC

Area(s) Covered: Southern California

SENSOR DATA

Accession No:	03822	03823
Sensor ID No:	076	036
Sensor Type:	RC-10	RC-10
Focal Length:	12-inch 304.89 mm	6-inch 153.19 mm
Film Type:	High Definition Aerochrome Infrared, SO-131	High Definition Aerochrome Infrared, SO-131
Filtration:	None	2.2 AV
Spectral Band:	510-900 nm	510-900 nm
f Stop:	4	4
Shutter Speed:	1/200	1/100
No. of Frames:	374	199
% Overlap:	60	60
Quality:	Excellent	Excellent
Remarks:	See write up.	See write up.

FLIGHT SUMMARY

89-027

This flight was flown in support of Flight Request # 89P226, (Zolensky, NASA / Johnson Space Center) under the FY 1989 Airborne Instrumentation Research Program (AIRP) Plan. RC-10 color infrared photographic data was acquired over selected sites in Southern California (See Track Map).

There were processing stains throughout the roll of film from Sensor No. 036 (Accession No. 03823). No other processing or camera malfunctions were noted and the quality of the data is rated excellent.

CAMERA FLIGHT LINE DATA
 FLIGHT NO. 89-027

Accession No. 03822

Sensor #	Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
			START	END		
076	A - B	9104-9134	18:59:12	19:13:16	65000/19800	Clear
	C - D	9135-9167	19:16:29	19:31:28	"	Clear
	E - F	9168-9193	19:34:55	19:46:36	"	Clear
	G - H	9194-9204	19:53:49	19:58:14	"	Clear
	I - J	9205-9214	20:05:31	20:09:23	"	Clear
	K - L	9215-9247	20:17:22	20:32:17	"	Clear
	M - N	9248-9278	20:35:23	20:49:23	"	Clear
	O - P	9279-9312	20:53:05	21:08:16	"	Clear
	Q - R	9313-9335	21:11:08	21:21:11	"	Clear
	S - T	9336-9356	21:25:27	21:34:27	"	Clear
	U - V	9357-9373	21:37:27	21:44:31	"	Clear
	W - X	9374-9388	21:48:36	21:55:05	"	Clear
	Y - Z	9389-9407	21:59:17	22:07:15	"	Clear

CAMERA FLIGHT LINE DATA
 FLIGHT NO. 89-027

Accession No. 03822

Sensor #
076

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
1 - 2	9408-9423	22:12:05	22:19:03	65000/19800	Clear
3 - 4	9424-9437	22:23:01	22:28:52	"	Clear
5 - 6	9438-9446	22:34:06	22:37:48	"	Clear
7 - 8	9447-9460	22:41:58	22:48:00	"	Clear
9 - 10	9461-9477	22:51:05	22:58:26	"	Clear; Emulsion abrasion, Frame 9464

CAMERA FLIGHT LINE DATA
 FLIGHT NO. 89-027

Accession No. 03823

Sensor #	Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
			START	END		
036	A - B	1027-1043	18:59:01	19:13:15	65000/19800	Clear
	C - D	1044-1059	19:16:19	19:30:31	"	Clear
	E - F	1060-1073	19:34:45	19:46:27	"	Clear
	G - H	1074-1079	19:53:40	19:58:03	"	Clear
	I - J	1080-1085	20:05:22	20:09:13	"	Clear
	K - L	1086-1102	20:17:12	20:32:08	"	Clear
	M - N	1103-1118	20:35:13	20:49:14	"	Clear
	O - P	1119-1135	20:52:55	21:07:53	"	Clear
	Q - R	1136-1147	21:10:58	21:21:01	"	Clear
	S - T	1148-1158	21:25:17	21:34:17	"	Clear
	U - V	1159-1167	21:37:17	21:44:24	"	Clear
	W - X	1168-1176	21:48:29	21:54:55	"	Clear
	Y - Z	1177-1186	21:59:00	22:07:11	"	Clear

CAMERA FLIGHT LINE DATA
 FLIGHT NO. 89-027

Accession No. 03823

Sensor #	Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
			START	END		
036	1 - 2	1187-1195	22:11:56	22:18:54	"	Clear
	3 - 4	1196-1203	22:22:52	22:28:41	"	Clear
	5 - 6	1204-1208	22:33:56	22:37:33	"	Clear
	7 - 8	1209-1216	22:41:48	22:47:50	"	Clear
	9 - 10	1217-1225	22:50:01	22:58:26	"	Clear

