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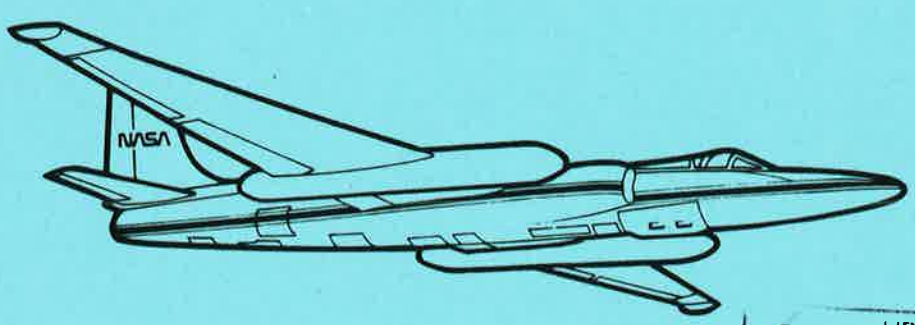
Airborne Instrumentation Research Project

Flight Summary Report

Flight No. 88-064

Date 09 May 1988



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MAP ROOM

Science and Applications Aircraft Division

NASA
National Aeronautics and
Space Administration

Ames Research Center
Moffett Field, California 94035

FLIGHT SUMMARY REPORT

Flight Number: 88-064

Date: 09 May 1988

Julian Date: 130

Aircraft No: 708

Sensor Package: Wild-Heerbrug RC-10 Camera

Purpose of Flight: # 88X001
Requestor: Functional Check Flight

Area(s) Covered: Southern California

SENSOR DATA

Accession No:	03707
Sensor ID No:	036
Sensor Type:	RC-10
Focal Length:	6-inch 153.19 mm
Film Type:	High Definition Aerochrome Infrared, SO-131
Filtration:	2.2 AV + cc .05M
Spectral Band:	510-900 nm
f Stop:	4
Shutter Speed:	1/150
No. of Frames:	62
% Overlap:	60
Quality:	Excellent
Remarks:	See write up.

FLIGHT SUMMARY

88-064

This flight was flown as a functional check flight under the FY 1988 Airborne Instrumentation Research Program (AIRP) Plan. RC-10 color infrared photographic data was acquired over Southern California (see Track Map).

There was no cloud cover encountered during this flight. No processing or camera malfunctions were noted and the quality of the data is rated excellent.

CAMERA FLIGHT LINE DATA
FLIGHT NO. 88-064

Sensor # 036

Check Points	Frame Numbers	Time (GMT-hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks
		START	END		
A - B	3615-3617	18:39:47	18:40:44	65000/19800	Clear - Bakersfield, CA
C - D	3618-3627	18:50:27	18:58:13	"	Clear
E - F	3628-3636	19:02:11	19:09:12	"	Clear
G - H	3637-3646	19:14:11	19:22:02	"	Clear
I - J	3647-3655	19:26:46	19:33:55	"	Clear
K - L	3656-3663	19:39:27	19:45:04	"	Clear
M - N	3664-3671	19:54:51	20:00:08	"	Clear
O - P	3672-3676	20:06:10	20:07:06	"	Clear

FLIGHT 88-064
9 May 1988
Data Run
RC-10
BAKERSFIELD
Chan 101
VORTAC
PALMDALE
Chan 92
VENTURA
Chan 19
VORTAC
LOS ANGELES
Chan 83
VOR DME
SANTA MONICA
SANTA BARBARA
Chan 96
TACAN
NAVY POINT MUGU
Chan 43
SANTA BARBARA CHANNEL
SANTA CRUZ ISLAND
SAN PEDRO CHANNEL
SANTA CATALINA ISLAND
W-290
ONC G-18
120°
-14°E