

ordered 4/17/80

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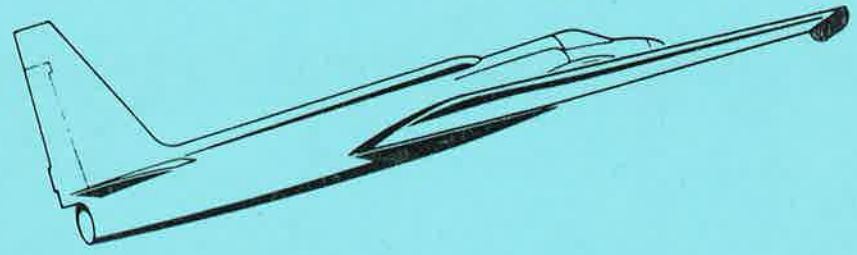
Airborne Instrumentation Research Project

Flight Summary Report

Flight No. 80-020

Date 17 March 1980

FSR- 1372



National Aeronautics and
Space Administration

Ames Research Center
Moffett Field, California 94035



Airborne Missions and Applications Division

FLIGHT SUMMARY REPORT

Flight No: 80-020

Date: 17 March 1980

FSR No: 1372

Julian Date: 077

Sensor Package: A-4 Configuration

Aircraft No: 5

Purpose of Flight: #0857 Support
Requestor: Washburn

Area(s) Covered: Lake Elsinore, CA

SENSOR DATA

| | | |
|----------------|----------------------|--------------------------------|
| Accession No: | 02859 | 02860 |
| Sensor ID No: | 026 | 039 |
| Sensor Type: | RC-10 | HR-732 |
| Focal Length: | 12" 304.97mm | 24" 609.6mm |
| Film Type: | Panatomic X, 3400 | Aerochrome Infrared, SO-193 |
| Filtration: | Wratten 12 | Wratten 12 |
| Spectral Band: | 510-700nm | 510-900nm |
| f Stop: | 8 | 11 |
| Shutter Speed: | 1/100 | 1/360 |
| No. of Frames: | 43 | 71 |
| % Overlap: | 60 | 60 |
| Quality: | Excellent | Excellent |
| Remarks: | --- | --- |

FLIGHT SUMMARY

80-020

This flight was flown in support of Flight Request #0857 (Washburn, City of Lake Elsinore) in support of flood damage assessment. Dual camera coverage was obtained over Lake Elsinore and the Murrieta Creek area in southern California (see Track Map). Additional frames were acquired over Palmdale and Lancaster but are not shown on the track map.

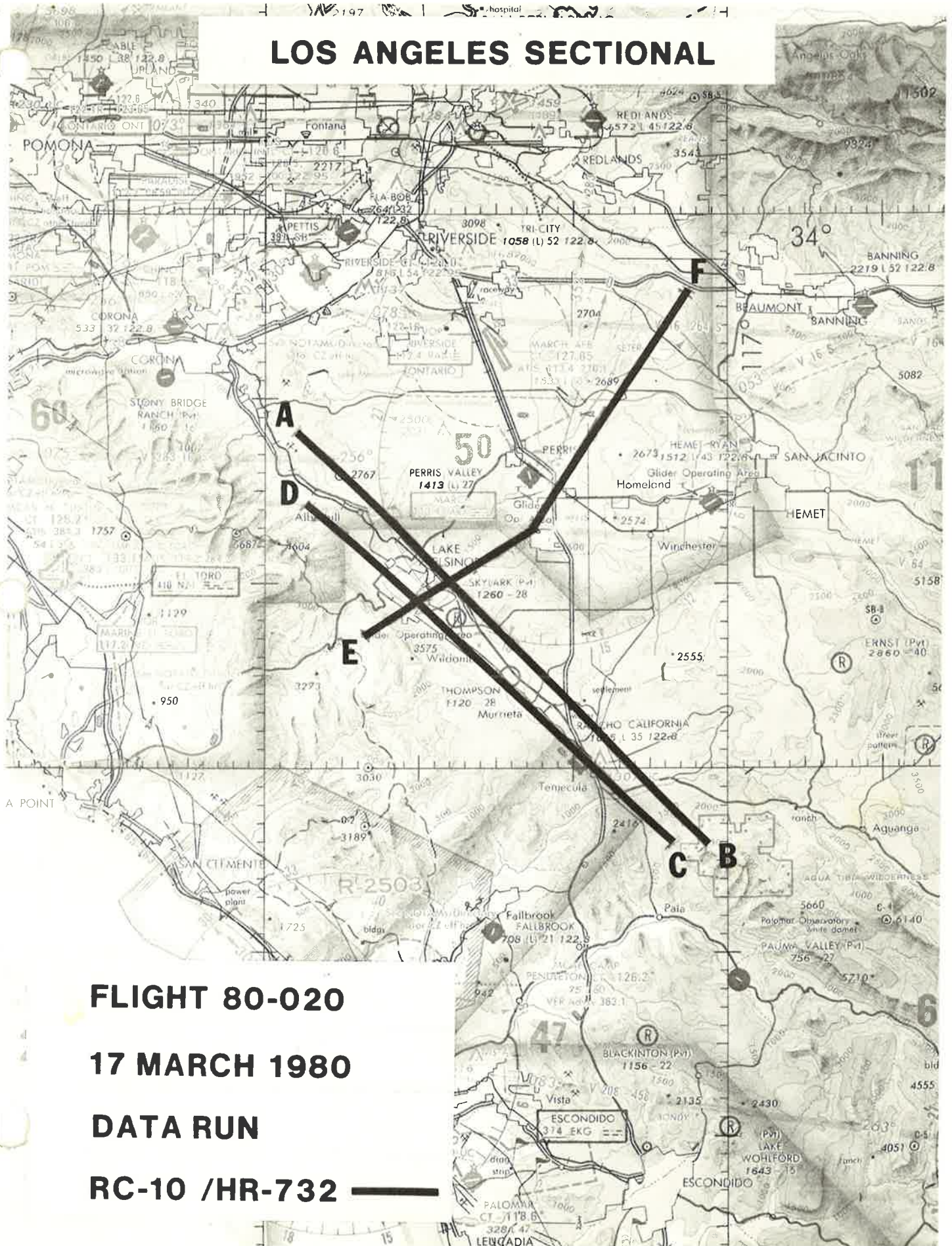
The entire area was cloud-free. Because of strong cross-winds severe crab and moderate drift were apparent. No processing or camera malfunctions were noted and the quality of the data is rated excellent. The frames over Palmdale and Lancaster are over exposed due to the higher albedo encountered.

FLIGHT LINE DATA

FLIGHT NO. 80-020

| | Check Points | Frame Numbers | Time (GMT—hr, min, sec) | | Altitude, MSL feet/meters | Cloud Cover/Remarks |
|--------|--------------|---------------|-------------------------|----------|------------------------------|----------------------|
| | | | START | END | | |
| RC-10 | A-B | 1190-1200 | 19:55:32 | 20:00:17 | 45,000/13700 | Clear |
| | C-D | 1201-1216 | 20:04:00 | 20:10:01 | " | " |
| | E-F | 1217-1228 | 20:15:03 | 20:19:42 | " | " |
| | --- | 1229-1230 | 20:32:35 | 20:32:43 | 60,000/18300 | Clear; Palmdale, CA |
| | --- | 1231-1232 | 20:33:37 | 20:33:42 | " | Clear; Lancaster, CA |
| HR-732 | A-B | 0001-0021 | 19:55:13 | 19:59:53 | 45,000/13700 | Clear |
| | C-D | 0022-0047 | 20:03:28 | 20:09:26 | " | " |
| | E-F | 0048-0067 | 20:14:59 | 20:19:25 | " | " |
| | --- | 0068-0069 | 20:32:15 | 20:32:20 | 60,000/18300 | Clear; Palmdale, CA |
| | --- | 0070-0071 | 20:33:15 | 20:33:20 | " | Clear; Lancaster, CA |

LOS ANGELES SECTIONAL



FLIGHT 80-020
17 MARCH 1980
DATA RUN
RC-10 /HR-732