Airborne Instrumentation Research Project

Flight Summary Report

Flight No. 82-069
Date 22 April 1982

FSR-1586

NASA
National Aeronautics and Space Administration
Ames Research Center
Moffett Field, California 94035

Airborne Missions and Applications Division
FLIGHT SUMMARY REPORT

Flight No: 82-069
FSR No: 1586
Sensor Package: RC-10

Purpose of Flight: #0929-3 Support
Requestor: Lumb

Area(s) Covered: Central Valley, California

SENSOR DATA

Accession No: 03061
Sensor ID No: 036
Sensor Type: RC-10
Focal Length: 6" 153.19mm

Film Type: Aerochrome Infrared, 50-193
Filtration: W 12 + 2.2 AV

Spectral Band: 510-900nm
f Stop: 5.6
Shutter Speed: 1/200
No. of Frames: 204
% Overlap: 60
Quality: Excellent
Remarks: ---

Date: 22 April 1982
Julian Date: 112
Aircraft No: 6
FLIGHT SUMMARY

82-069

This flight was flown in support of Flight Request #0929-3 (Lumb, NASA/ARC) under the FY 1982 Airborne Instrumentation Research Program (AIRP) plan. Photographic coverage was acquired over the Central Valley of California from Redding, south to Fresno.

The entire area was cloud free, with the exception of minor cumulus over the southeastern coast range. No camera or processing malfunctions were noted, and the quality of the data is rated excellent.
## FLIGHT LINE DATA
### FLIGHT NO. 82-069

<table>
<thead>
<tr>
<th>Check Points</th>
<th>Frame Numbers</th>
<th>Time (GMT - hr, min, sec)</th>
<th>Altitude, MSL feet/meters</th>
<th>Cloud Cover/Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td><strong>START</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-B</td>
<td>9930-9949</td>
<td>18:31:07</td>
<td>65,000/19800</td>
<td>Clear</td>
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<tr>
<td>C-D</td>
<td>9950-9968</td>
<td>18:52:20</td>
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<td>E-F</td>
<td>9999-0041</td>
<td>19:41:09</td>
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<td>G-H</td>
<td>0042-0083</td>
<td>20:25:57</td>
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<td>&quot;</td>
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<tr>
<td>I-J</td>
<td>0084-0117</td>
<td>21:07:00</td>
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<td>Minor cumulus, frs. 0087-0092</td>
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<td>K-L</td>
<td>0118-0133</td>
<td>21:39:18</td>
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<td>Clear</td>
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<td></td>
<td><strong>END</strong></td>
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</table>
FLIGHT 82-069
22 April 1982
Data Run
RC-10

JNC 43N