FLIGHT SUMMARY REPORT

Flight No: 77-059
FSR No: 981
Sensor Package: RC-10

Purpose of Flight: #0488 Support
Requestor: Robie

Area(s) Covered: South-central California

SENSOR DATA

Accesion No: 02485
Sensor ID No: 036
Sensor Type: RC-10
Focal Length: 6"
153.19mm

Film Type: High Definition Aerochrome Infrared, SO-127

Filtration: CC .05B + .05C + 2.2AV

Spectral Band: 510-900nm
f Stop: 4
Shutter Speed: 1/100
No. of Frames: 128
% Overlap: 60
Quality: Excellent

Remarks:
FLIGHT SUMMARY

77-059

This flight was flown in support of Flight Request #0488 (Robie, California Department of Water Resources) under the FY 1977 Airborne Instrumentation Research Program (AIRP) plan. Photographic coverage was obtained over the southern portions of the San Joaquin Valley and Coast Range in California (see Track Map).

Minor scattered cumulus clouds were encountered over the coast ranges in addition to some minor cirrus over the northern portion of the test area. The imagery acquired is excellent quality with no camera or processing malfunctions noted.
# FLIGHT LINE DATA

**FLIGHT NO.** 77-059

<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>START</td>
<td>END</td>
<td></td>
</tr>
<tr>
<td>A-B</td>
<td>6867-6885</td>
<td>17:26:30</td>
<td>17:41:55</td>
<td>65,000/19800</td>
</tr>
<tr>
<td>C-D</td>
<td>6886-6904</td>
<td>17:42:53</td>
<td>18:03:16</td>
<td>&quot;</td>
</tr>
<tr>
<td>E-F</td>
<td>6905-6922</td>
<td>18:06:12</td>
<td>18:22:27</td>
<td>&quot;</td>
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<tr>
<td>I-J</td>
<td>6938-6955</td>
<td>18:42:03</td>
<td>18:58:17</td>
<td>&quot;</td>
</tr>
<tr>
<td>K-L</td>
<td>6956-6974</td>
<td>19:00:45</td>
<td>19:16:05</td>
<td>&quot;</td>
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<tr>
<td>M-N</td>
<td>6975-6981</td>
<td>19:19:18</td>
<td>19:25:01</td>
<td>&quot;</td>
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<tr>
<td>O-P</td>
<td>6982-6985</td>
<td>19:30:42</td>
<td>19:33:35</td>
<td>&quot;</td>
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<tr>
<td>Q-R</td>
<td>6986-6994</td>
<td>19:45:32</td>
<td>19:53:09</td>
<td>&quot;</td>
</tr>
</tbody>
</table>

**RC-10**

**Check Points**
- A-B
- C-D
- E-F
- G-H
- I-J
- K-L
- M-N
- O-P
- Q-R

**Frame Numbers**
- 6867-6885
- 6886-6904
- 6905-6922
- 6923-6937
- 6938-6955
- 6956-6974
- 6975-6981
- 6982-6985
- 6986-6994

**Time (GMT - hr, min, sec)**
- START
- END

**Altitude, MSL feet/meters**
- 65,000/19800

**Cloud Cover/Remarks**
- Clear
- Minor cirrus, frs. 6899-6904
- Contrail, frs. 6912-6917
- Minor scattered cumulus, frs. 6926-6937
- Minor scattered cumulus and contrails
- Minor scattered cumulus and cirrus
- Minor scattered cumulus
- Clear
- Minor cirrus and contrail, frs. 6991-6994