Airborne Instrumentation Research Project

Flight Summary Report

Flight No. 83-006
Date 13 October 1982

FSR- 1685

NASA
National Aeronautics and
Space Administration

Ames Research Center
Moffett Field, California 94035

Airborne Missions and Applications Division
FLIGHT SUMMARY REPORT

Flight No: 83-006
FSR No: 1685
Sensor Package: RC-10

Purpose of Flight: Project Support

Area(s) Covered: Central California

SENDER DATA

Accession No: 03138
Sensor ID No: 026
Sensor Type: RC-10
Focal Length: 12" 304.97mm

Film Type: High Definition Aerochrome
Infrared, S0-131

Filtration: CC .10B

Spectral Band: 510-900nm
f Stop: 4
Shutter Speed: 1/150
No. of Frames: 102
% Overlap: 60
Quality: Excellent
Remarks: ---
This flight was flown as a camera test flight under the FY 1983 Airborne Instrumentation Research Program (AIRP) plan. RC-10 photographic coverage was flown over central California (see Track Map).

Thin cirrus cloud cover was encountered over portions of the flight. No camera or processing malfunctions were noted, and the quality of the data is rated as excellent.
# FLIGHT LINE DATA
## FLIGHT NO. 83-006

<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>3071</td>
<td>18:05:54</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-B</td>
<td>3072-3082</td>
<td>18:24:43</td>
<td>18:29:12</td>
<td>65,000/19800 Single pulse frame over Oakland International Airport</td>
</tr>
<tr>
<td>C-D</td>
<td>3083-3096</td>
<td>18:39:13</td>
<td>18:45:28</td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>3144-3150</td>
<td>19:30:24</td>
<td>19:33:17</td>
<td>Oblique frames, camera left on during turn</td>
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<tr>
<td>O-P</td>
<td>3151-3172</td>
<td>19:33:46</td>
<td>19:43:52</td>
<td></td>
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