Airborne Instrumentation Research Project

Flight Summary Report

Flight No. 82-087
Date 28 May 1982

FSR- 1603

NASA
National Aeronautics and
Space Administration

Ames Research Center
Moffett Field, California 94035

Airborne Missions and Applications Division
FLIGHT SUMMARY REPORT

Flight No: 82-087
FSR No: 1603
Sensor Package: HR-732

Purpose of Flight: #0943 Support
Requestor: Wieczorek

Area(s) Covered: San Francisco Bay Area, CA

SENSOR DATA

Accession No: 03073
Sensor ID No: 039
Sensor Type: HR-732
Focal Length: 24"
609.6mm

Film Type: High Definition Aerochrome Infrared, S0-131
Filtration: CC .30 B

Spectral Band: 510-900nm
f Stop: 8
Shutter Speed: 1/75
No. of Frames: 362
% Overlap: 70
Quality: Excellent
Remarks: ---
FLIGHT SUMMARY

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The flight was flown in support of Flight Request #0943 (Wieczorek, USGS) under the FY 1982 Airborne Instrumentation Research Program (AIRP) plan. The HR-732 camera was utilized to acquire photography over the San Francisco Bay Area for post flood evaluation (see Track Map).

Minor to moderate cloud cover was encountered on some flight lines. No camera or processing malfunctions were noted, and the quality of the data is rated excellent.
<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>
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<tbody>
<tr>
<td></td>
<td></td>
<td>START</td>
<td>END</td>
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<tr>
<td>A-B</td>
<td>0001-0117</td>
<td>19:18:38</td>
<td>19:41:33</td>
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<td>C-D</td>
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<td>E-F</td>
<td>0235-0359</td>
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