Flight Summary Report

Flight No. 78-037
Date 27 March 1978

FSR-1117

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

Airborne Missions and Applications Division
FLIGHT SUMMARY REPORT

Flight No: 78-037
FSR No: 117

Sensor Package: Itek Optical Bar Panoramic Camera

Purpose of Flight: #0678 Support
Requestor: Weber

Area(s) Covered: Sierra Nevada Foothills, California

SENSOR DATA

Accession No: 02589
Sensor ID No: 029
Sensor Type: Optical Bar
Focal Length: 24"
609.6mm

Film Type: High Definition Aerochrome
Infrared, SO-131

Filtration: NONE

Spectral Band: 510-900nm
f Stop: 3.5
Shutter Speed: 1/250
No. of Frames: 102
% Overlap: 60
Quality: Excellent

Remarks:
FLIGHT SUMMARY

78-037

This flight was flown in support of Flight Request #0678 (Weber, Nationwide Forestry Applications Program, NASA/JSC) under the FY 1978 Airborne Instrumentation Research Program (AIRP) plan. Photographic coverage was acquired over the Sierra Nevada foothills from Placerville to Oroville Dam in eastern California (see Track Map).

The weather was generally clear except for some very minor cumulus clouds on the eastern extremity of the photography. The photography is of excellent quality with no camera or processing malfunctions noted.
<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>A-B</td>
<td>0001-0102</td>
<td>20:36:22</td>
<td>65,000/19800</td>
<td>Film splice, fr. 0066; occasional minor cumulus on eastern extremity of photography</td>
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</tbody>
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