Airborne Instrumentation Research Project

Flight Summary Report

Flight No. 80-159
Date 30 September 1980

FSR- 1466

NASA
National Aeronautics and
Space Administration

Ames Research Center
Moffett Field, California 94035

Airborne Missions and Applications Division
FLIGHT SUMMARY REPORT

Flight No: 80-159
FSR No: 1466
Sensor Package: Itek Optical Bar Panoramic Camera

Purpose of Flight: #0890 Support
Requestor: Weber

Area(s) Covered: Northern California

SENSOR DATA

Accession No: 02953
Sensor ID No: 029
Sensor Type: Optical Bar
Focal Length: 24"
609.6mm

Film Type: High Definition
Aerochrome Infrared, S0-131

Filtration: CC .30B

Spectral Band: 510-900nm
f Stop: 3.5
Shutter Speed: 1/200
No. of Frames: 1140
% Overlap: 60
Quality: Excellent
Remarks: ---
This flight was flown in support of Flight Request #0890 (Weber, USFS) under the FY 1980 Airborne Instrumentation Research Program (AIRP) plan. The data was collected over northern California and the southern Sierra Nevada using the Itek Optical Bar Panoramic camera.

The entire area was cloud-free. 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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FLIGHT 80-159
30 September 1980
Data Run
Optical Bar