

E72-10076
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PROGRESS REPORT #2

ERTS - 1 PROPOSAL NMC No. 0205

1 September 1972

Principal Investigator - Ernest G. Stoeckeler

**Proposal NMC #0205, Detection and Monitoring Vegetation Damage Associated
with Highways and Highway Facilities.**

Problems

1. No ERTS-1 or U-2 underflight imagery has been received by this office to date.

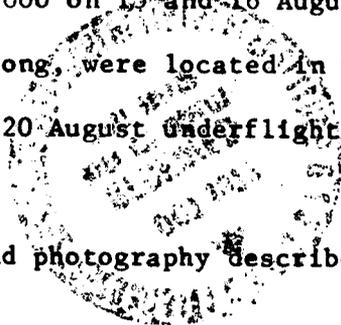
Accomplishments

- 1. Zoom-95 Stereoscope was received.
- 2. A U-2 underflight covering about 500 linear nautical miles was flown over portions of the six study areas on 20 August 1972. According to Pilot James Barns RCV and CIR photos were obtained. Portions of the mission were covered by scattered clouds and at least 25% of the area was cloud-free. Ames Research Center said that their photo lab will probably forward the imagery and photography, both for the 27 April and 20 August underflights, by 10 September 1972.

3. A commercial firm obtained color and color infrared 70mm photography at a scale of 1:80,000 on 15 and 16 August 1972. Twelve flight lines, each twelve miles long, were located in various portions of the coverage taken by the U-2 20 August underflight.

Planned for Next Period

- 1. Analyze imagery and photography described above.



(E72-10076) DETECTION AND MONITORING
VEGETATION DAMAGE ASSOCIATED WITH HIGHWAYS
AND HIGHWAY FACILITIES Progress E.G.
Stoeckler (Maine Dept. of Transportation,
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