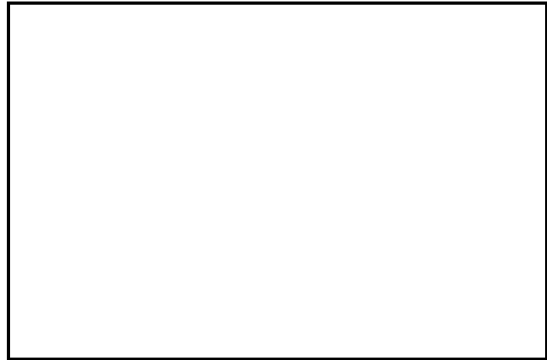
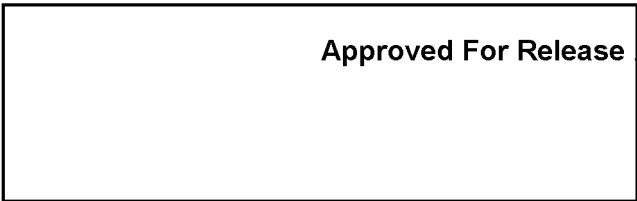


~~CONFIDENTIAL~~



25 January 1967

25X1

25X1

Subject: Progress Report  
November 1966 - Project

25X1

25X1

Gentlemen:

Enclosed are four (4) copies of Progress  
Report on Project for the period November 1966.

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Also included is Financial Report on the  
above program for this period.

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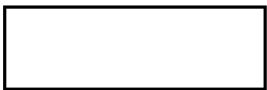
Very truly yours,



25X1

LHB/aw

Encl: (4) P. R.  
(2) F. R.



Declass Review by NIMA / DoD

25X1

~~CONFIDENTIAL~~

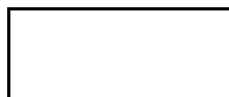
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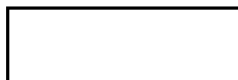


PROGRESS REPORT

Period Covered: November 1966

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Document No.:



A. PRESENT STATUS


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Unit is ready for delivery except for a problem with the lamp dimming circuit. This difficulty is discussed in detail below under Problem Areas.

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Unit has same status  plus it requires assembly of the hi-intensity light sources and final checkout.


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B. PROBLEM AREAS

Lamp Flicker

The problem with lamp flicker due to electrical noise generated by the film transport drive circuit still exists. A number of approaches are being made to find a simple and economical solution. These approaches are mainly concerned with isolating the dimming circuit from those generating noise and the use of radio interference filtering. The manufacturer of the dimming control circuit has also been consulted and there is a good possibility that he may be able to suggest an effective filtering configuration or possible even a modification of the dimming circuit to make it less susceptible to the type of noise present.

Film Tracking

The problem originally encountered on the  with the tendency for the film to track off to the side when being

25X1

25X1 transported, does not seem to exist [redacted] This we believe 25X1  
is due to the substitution of polished chrome plated rollers for  
the segmented nylon ones originally used. We feel that the lower  
friction between the chrome roller and the film reduces the tendency  
for the film to "walk off" while being transported.

C. PROJECTED WORK FOR DECEMBER

25X1 [redacted] It is expected that the lmap flicker problem  
will be solved. the equipment modified and receive final inspection  
and be shipped.

25X1 [redacted] Unit will be made ready for inspection by the  
customers technical representative.

25X1 D. VISIT [redacted] TO CUSTOMERS FACILITY 11-23-66

25X1 [redacted] visited customers facility  
25X1 to investigate a problem [redacted] The problem was found to be  
25X1 in the mechanical slip clutches in the film drive system. The unit  
was disassembled and the defective parts replaced. Subsequent to  
this it was noticed that the film was being transported in an irregular  
manner. This problem was diagnosed as being caused by the tensioning  
rollers which were occasionally dropping down to the film surface.  
This is caused by the heavier chrome plated rollers which replaced  
25X1 the lighter nylon rollers [redacted] taped the rollers in the up  
position and indicated that he would look into what could be done  
to increase the return spring force on these rollers.

E. FINANCIAL STATEMENT

Financial statement for the month of November  
is included.

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