

99715-3

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NPIC/P&DS/D/ [redacted]  
10 June 1966

25X1A

MEMORANDUM FOR THE RECORD

ATTENTION: [redacted]

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SUBJECT: Reply to [redacted] Questions of 6 June 1966 Concerning  
Project 99715-3

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1. Film Transport:

	<u>Design Requirement</u>	<u>Preliminary Test</u>	<u>Final Test</u>
Low Range	0.02 to 0.20"/sec.	? to 0.21"/sec.	? to 0.196"/sec
High Range	2.4 to 24"/sec.	? to 25.8"/sec.	? to 19.7"/sec.

Although the preliminary test maximum figures exceeded the requirements, the minimum speed in each range did not (although not documented). After adjustment, control of the film at minimum deflection was much enhanced (although, again, not documented). Maximum speeds were reduced as shown. Although not entirely meeting specs, this function of the instrument has been considered acceptable for a prototype development by past and present monitors. Admittedly, the minimum speed in each range should have been determined.

2 & 3. Cloud and Shadow Reject:

The optimistic note in the Acceptance Inspection Report (Memorandum For The Record, 4 May 1966), that the new power supply to be installed would greatly improve the cloud and shadow/reject modes, has not been born out following the subject installation. Further examination of these functions is in order; however, they cannot be considered successful items among the various goals of this development.

Since no precise specifications for these capabilities are spelled out in the contract documents, I did not consider them factors for levying penalties against [redacted] with a negative acceptance report.

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4. The Final Contract Inspection Report (# 24) might have been pre-mature, in view of your questions plus the fact that I intend to perform additional operational tests. However, prior to initiation

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GROUP 1  
Excluded from automatic  
downgrading and  
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25X1A of the POP procedure it was our intention to close out this project (997153) and request a Special Investigation assignment with new 1966 number. [REDACTED] decided against such cancellation and re-initiation last week.

25X1A 5. To date, higher priority work has delayed further T&E on this instrument. In addition, the recent malfunction of the Panoramic Stereoviewer has further delayed such work. It is my intention to attempt (with the aid of EPS) a temporary "fix" on the latter instrument to permit continuing acceptance testing while arranging with [REDACTED] for a finished job. I am attempting to complete acceptance test of the Panoramic Stereoviewer before leaving for the University of Rochester Optics course and a (hoped for) 2-weeks vacation following. In view of the foregoing - I am open to your recommendations concerning 99715-3 or other items.

[REDACTED]  
Development Branch, P&DS

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Attachment: Questions

Distribution:

Orig - Project File 99715-3  
1 - DB Chrono

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ATTACHMENT:

1. Has the film drive system been corrected to operate according to specs.?
2. Has the cloud reject?
3. Has the shadow reject?

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