

CONFIDENTIAL

50039

19 May 1970

MEMORANDUM FOR: Chief, Research & Engineering Division, TSSG/NPIC

ATTENTION: [Redacted]

SUBJECT: IAS Comments on New Focusing System for

[Redacted] Chip Comparator

Although substantive imagery analysis requirements have precluded a thorough evaluation of the new focusing system, operational use by four IAS PIs has brought forth subjective comments worth noting.

(1) Without question the new mechanism permits more precise focusing, but (as per our discussion) there is an obvious need for a different handwheel; one with enough friction to overcome the self-induced rotation now exhibited on occasion.

(2) Another apparent shortcoming of the modification is the instability of the viewing head. Even the slightest physical contact, with the eyepieces for example, causes the image to jiggle. In fact, quiver is quite noticeable when either of the translating motors is in operation. While we may be able to tolerate this deficiency, improved stability is considered desirable.

Both the handwheel and instability of the optics head has been corrected 6/1/1970

[Redacted]

Technical Advisor, IAS

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[Redacted]

Declass Review by NGA.

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TRANSMITTAL SLIP		DATE
		1 May 1970
TO: Chief, RED/TSSG		
ROOM NO.		
5S 453		
REMARKS:		
FROM:		
ROOM NO.		
#3N 414		
FORM NO. 241	REPLACES FORM 36-8 WHICH MAY BE USED.	GPO : 1957-O-439445 (47)

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