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MEMO/P&DS/E/6-833
9 March 1966

MEMORANDUM FOR: Chief, Imagery Analysis Division, CIA

ATTENTION: Chief, Operations Support Staff, IAD

SUBJECT: Advanced Rhomboid Attachment for
Zoom 70 Stereomicroscope

REFERENCE: (1) Memorandum IAD/OSS-64/66 dated 23 February 1966
(2) Memorandum PAG, IPO/OEB/M-112-66 dated
24 February 1966

1. The analysis in reference (1) is somewhat over simplified.
2. The actual advantages of the Model II over the original prototype would be as follows:
 - a. A moveable reflective prism to permit monoscopic viewing without the necessity of removing the rhomboids.
 - b. Three objectives (1X, 2X, 3X) to extend the range of the current instrument. The inclusion of a 1X objective obviates the need of removing the new rhomboids and replacing them with the old in order to use the lower range and at the same time acquiring image rotation and increased rhomboid separation. The 3X objective extends the magnification and the resolution of the instrument.
 - c. Increased rhomboid separation in the "Y" direction - to equal the current "X" separation. The present configuration is restricted in this respect.
3. The fact that TID does not do much monoscopic viewing now does not mean that they won't in the future, or that this requirement does not exist elsewhere in the building or in the field.
4. The referenced analysis does not include the fact that the Model II will further extend the useful life of our present equipment by an additional year or two. In P&G's memorandum reference (2),

Declass Review by NGA.

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in which IAD concurred, P&DS was requested to consider present equipment and to determine how it could be improved and still be utilized. There appears to be some inconsistency here; in order to clarify the situation, my staff will be available and happy to discuss the subject further with you, and



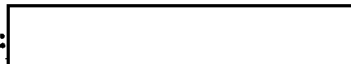
SECRET, USAF

Assistant for Plans and Development, NPIC

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