

NPIC/TDS/D-1185-67
19 December 1967

MEMORANDUM FOR THE RECORD

SUBJECT: Informal Conference with IAS Representative re Advanced 940
Light Table Prototype

1. On 19 December 1967, the writer of this memorandum had an informal conference with [] of IAS, during which the in-house development of an Advanced 940 Light Table Prototype was discussed.
2. [] had learned of the proposed plan-of-action, as outlined in my memorandum for the record dated 26 October 1967, through conversations with []
3. In answer to my request for a list of those items which he would like to see changed or improved on a new light table, [] offered the following suggestions:
- a. Change the hand crank so that the handle moves freely relative to the crank, thereby reducing the friction between the handle and the operator's hand. (It was noted that [] shop had altered some of the [] light table handles satisfactorily by including sleeve bearings.)
 - b. Improve the cranking handle brake mechanism.
 - c. Improve the microscope carriage movement by reducing the friction between the carriage and its ways.
 - d. Make the microscope support more rigid in order to allow maintaining the tolerance limits of the mount.
 - e. Make all adjusting screws, etc., of the captive type in order to preclude their easy removal and loss.
4. It was also ascertained that IAS, due to its particular method of operation, did not require a cranking speed ration step-up but would probably have a future need for an electric motor drive on the cranking mechanism.

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5. Prior to concluding the conference, [] stated that he would continue to monitor the desires of the IAS photo interpreters relative to light table improvements and would keep me advised.

[]
Imagery Systems Br/TDS

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