

CONFIDENTIAL

UNITED STATES GOVERNMENT

Memorandum

C-0111/DI-8E

5X10 TO : TSG/RED (ATTN:)

DATE: 1 March 1972

FROM : DI-8

5X9 SUBJECT: Model 1540-4 Light Table

1. The results of the subjective DI-8 imagery interpreter evaluation of the "prototype" model 1540-4 light table are as follows:

a. Occasional "rough" travel evidenced in "X" direction at slowest speeds.

b. Time from initialization of carriage drive to attaining set speed in "Y" direction exceeds specified limits at several carriage positions.

c. "X" carriage lock malfunction: optics mount moves approximately .055 inch with less than three pounds pressure applied.

d. Optics carriage evidences a tendency to stop moving during "X-Y" scanning operations.

e. Experienced difficulty focusing Zoom 240 in stereo at high magnification. Optics mount drifted downward necessitating constant refocus. Some evidence of side-to-side focus mount movement noted.

f. Experienced temporary failure of right side light source. (Only one rear tube would light).

g. Zoom 240 loose within optics mount.

h. Maximum operating speed of carriage drive less than required.

2. This Office also understands the table failed to meet some of the written specifications during the TEB phase of evaluation.

25X1 3. Request be officially notified the table does not meet operational/written requirements and that corrective action be initiated.

4. DI-8 believes the aforementioned deficiencies to be correctable as the light table has operated more favorably in the past. However, there is real concern that the apparently deteriorating operating condition of the table evidences a potential intolerable maintenance situation.

Declass review by NGA/DoD

Imagery Interpretation
Equipment Officer

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