

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS, 544th AEROSPACE RECONNAISSANCE TECHNICAL WING (SAC)
OFFUTT AIR FORCE BASE, NEBRASKA 68113



REPLY TO
ATTN OF: RD

23 August 1971

SUBJECT: Equipment Discrepancy. ([] 1540 Light Table)

TO: SAC (INM)

*Cal -
brought back from
544 ARTW.
FYI
Chuck*

1. The 544th ARTW Research Division has experienced considerable difficulty in the past few months in focusing the Zoom 240 [] Stereoscope. The Rhomboid arms on this scope can be equipped with either a 1X stereo lens providing a 30X magnification or a 2X lens providing 60X magnification. Both lenses are supplied with the Stereoscope. The distance the 1X lens can travel and remain in focus is approximately ± 0.0075 inch, but this distance is reduced to approximately ± 0.002 inch for the 2X lens. A recent conversation with [] from [] has possibly identified the cause of our focusing difficulties.

2. The specifications for the [] 1540 table allowed for a ± 0.0075 inch tolerance on the viewing surface of the table - this includes both the bearings/mount on which the stereoscope mount rides and the glass platen. This tolerance was and is acceptable when utilizing the 1X rhomboid lens; however, with the limited tolerance allowed with the 2X lens, there appears to be little or no possibility of both lenses of the stereoscope remaining in the .002 inch range.

3. The 544th ARTW Research Division is in the process of replacing all 2X rhomboid lenses with the 1X lens. The subsequent reduction of magnification power by a factor of 2 may well have a detrimental effect on the quality of interpretation and on the reports generated from this required change.

4. While company representatives are aware of this problem, as well as users at the DoD level, recommend OAMA be advised and corrective action be taken to encompass the specifications of the 2X rhomboid lens into the specifications of the [] 1540 table.

FOR THE COMMANDER

[]

- 2-Atchs
- 1. ~~Bklt, Zoom 240 Stereoscope Sys~~
- 2. ~~Bklt, Op Man, 1540 Image Interp Light Table~~

Peace is our Profession

USAF review(s) completed.

ROUTINE : * UNCLASSIFIED E F T O * SUSPECTED DUPLICATE

MD B 00468 01 160 203737

ⓐ
B

AFIN: 33414 (9 Jun 71)Q/rj

INFO: IN-4, COM CTR-1 (6D)

RTTEZFDY RUVHAAA 0076 1601907-EEEE--RUEFHQA.

ZNY EEEEE

R 081645Z JUN 71

FM DIR MAT MGT HILL AFB UTAH

TO RUFTSWA/CINCUSAFE/INIM

INFO RUEGHQA/CASF/INYMA

BT

UNCLAS E F T O MML

SUBJ: 1540 LGHT TABLES, FSN 6740 237 9373PK. YOUR INIM 011435Z JUN 71.

1. PROVISIONING CONF FOR SUBJ TABLES IS SCHEDULED FOR JUL 71. ILLUSTRATED PARTS BREAKDOWN WILL BE AVAIL IN ACCORDANCE WITH SCHEDULE ESTABLISHED AT THIS CONF.
2. CONTRACT HAS BEEN LET TO DEVELOP AN AF TYPE T.O.. HOWEVER AVAILABILITY DATE OF THIS DOC CANNOT BE FURNISHED AT THIS TIME.
3. TA 742 HAS BEEN REVISED TO INCLUDE YOUR ALLOWANCE.
4. REQ WE BE ADVISED WHETHER THE NINE DEFECTIVE COMPONENTS WERE DAMAGED IN SHIPMENT OR DUE TO MALFUNCTION. ALSO REQ YOU ATTEMPT TO IDENTIFY THESE COMPONENTS BY PART NUMBER AND ADVISE US BY RETURN MSG PROVIDING APPROPRIATE RON NUMBERS. A RANGE OF SPARE COMPONENTS ARE NOW ON PROCUREMENT. WE WILL INITIATE EXPEDITE ACTN WHEN RQMTS HAVE BEEN IDENTIFIED TO US.

BT

#0076

NNNN

NOTE: Original transmission not identified

AF/IN DIST		
ACTION	OFFICE	RCV'D
	OACS/1	
	AF/INA	
	AF/INF	
	AF/INT	2
	AF/INJ	
	AF/INS	
	AF/INZ	
	AF/INZA	
DIR/OP INT POLY/INT		
	YMA-1	

ROUTINE : * UNCLASSIFIED E F T O * SUSPECTED DUPLICATE

ROUTINE *****
* UNCLASSIFIED E F T O *

MD 8 00674 01 181 232602

AFIN: 70663 (30 Jun 71) K/wtp

INFO: IN-4 (5D)

RTEZYUW RUVHAAAD155 1812237-EEEE--RUEFHQA.
ZNY EEEEE

R 302000Z JUN 71
FM DIR MAT MGT HILL AFB UTAH
TO RUFTSWA/CINCUSAFE INIM
INFO RUEFHQA/CSAF INYMA
BT

UNCLAS E F T O MMLR
SUBJ: 1540 LIGHT TABLES (YOUR INIM 210845Z JUN 71).
IDENTIFICATION FOR REQUISITIONING DEFECTIVE COMPONENTS:
NOUN PART NUMBER FSN OR IDENT NR
ILLUMINATOR CONTROL 600143 6740NDD19368GPK
BIAS CARD ASSY 600171 6740NDD19375GPK
LAMPS 600004 6740NDD19366GPK
BEARING (PHOT ON PAGE 31) 600-116 31105542927

REQUEST REQUIREMENTS ORDERED CONTRARY TO ABOVE IDENTIFICA-
TION BE CANCELLED AND REQUISITIONED THROUGH NORMAL SUPPLY
CHANNELS. EXPEDITE ACTION IS CURRENTLY IN PROCESS AND NO
ITEMS WILL BE SHIPPED DIRECT FROM CONTRACTOR. BEARINGS
WILL BE SUPPORTED DIRECT FROM PRIME AMA. ADVISE IF ADDITIONAL
ASSISTANCE REQUIRED. ALSO, ADVISE BY RETURN MESSAGE YOUR
REQUISITION NUMBER INPUT FOR EACH ITEM.

BT
#0155

NNNN

AF/IN DIST		
ACTION	OFFICE	RCV'D
	OACS/1	
	AF/INA	
	AF/INE	
✓	AF/INY	2
	AF/INM	
	AF/INP	
	AF/INQ	
	AF/INR	
DEPT/INT ROUTING		
	INMA	1
FILE		1
DEST		1

ROUTINE *****
* UNCLASSIFIED E F T O *
