

TECHNICAL MANUAL

**ORGANIZATIONAL AND DIRECT SUPPORT
MAINTENANCE REPAIR PARTS AND
SPECIAL TOOLS LISTS
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS
AND SPECIAL TOOLS)**

FOR

NIGHT VISION SIGHTS, TRIPOD MOUNTED

AN/TVS-4 (NSN 5855-00-906-0994)

AND

AN/TVS-4A (NSN 5855-00-760-3870)

**HEADQUARTERS, DEPARTMENT OF THE ARMY
3 JUNE 1981**

TECHNICAL MANUAL

No. 11-5855-237-23P }

HEADQUARTERS
DEPARTMENT OF THE ARMY,
WASHINGTON, DC, 3 June 1981

ORGANIZATIONAL AND DIRECT SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS

FOR

NIGHT VISION SIGHTS, TRIPOD MOUNTED **AN/TVS-4 (NSN 5855-00-906-0994)** **AN/TVS-4A (NSN 5855-00-760-3870)**

Current as of 2 January 1981

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2, located in back of this manual direct to Commander, US Army Communications and Electronics Materiel Readiness Command, ATTN: DRSEL-ME-MQ, Fort Monmouth, NJ 07703.

In either case a reply will be furnished direct to you.

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*This manual supersedes TM 11-5855-237-23P, 7 November 1977 Including Change 1, 26 June 1979.

SECTION I

INTRODUCTION

1. Scope

This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of organizational maintenance and direct support maintenance of the AN/TVS-4 and AN/TVS-4A. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

2. General

This Repair Parts and Special Tools List is divided into the following sections:

a. *Section II. Repair Parts List.* A list of spares and repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in numeric sequence, with the parts in each group listed in figure and item number sequence.

b. *Section III. Special Tools List.* Not applicable.

c. *Section IV. National Stock Number and Part Number Index.* A list, in National item identification number (NIIN) sequence, of all National stock numbers (NSN) appearing in the listings, followed by a list, in alphabetic sequence, of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance.

3. Explanation of Columns

a. *Illustration.* This column is divided as follows:

(1) *Figure number.* Indicates the figure number of the illustration on which the item is shown.

(2) *Item number.* The number used to identify item called out in the illustration.

b. *Source, Maintenance, and Recoverability (SMR) Codes.*

(1) *Source code.* Source codes indicate the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows;

| <i>Code</i> | <i>Definition</i> |
|-------------|--|
| PA — | Item procured and stocked for anticipated or known usage. |
| PB — | Item procured and stocked for insurance purpose because essentiality dictates that a minimum quantity be available in the supply system. |
| PC — | Item procured and stocked and which otherwise |

Code

| <i>Code</i> | <i>Definition</i> |
|-------------|--|
| PA — | would be coded PA except that it is deteriorative in nature. |
| PD — | Support item, excluding support equipment, procured for initial issue or outfitting and only for subsequent or additional initial issues or outfittings. Not subject to automatic replenishment. |
| XD — | A support item that is not stocked. When required, item will be procured through normal supply channels. |

NOTE

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA and aircraft support items as restricted by AR 700-42.

(2) *Maintenance code.* Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(a) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance:

| <i>Code</i> | <i>Application/Explanation</i> |
|-------------|--|
| c — | Crew or operator maintenance performed within organizational maintenance. |
| o — | Support item is removed, replaced, used at the organizational level. |
| F — | Support item is removed, replaced, used at the direct support level. |
| D — | Support items that are removed, replaced, used at depot, mobile depot, specialized repair activity only. |

(b) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). This position will contain one of the following maintenance codes:

| <i>Code</i> | <i>Application/Explanation</i> |
|-------------|--|
| F — | The lowest maintenance level capable of complete repair of the support item is the direct support level. |
| D — | The lowest maintenance level capable of complete repair of the support item is the depot level. |

| Code | Application/Explanation |
|------|-------------------------|
|------|-------------------------|

Z— Nonreparable. No repair is authorized.

(3) *Recoverability code*. Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the Uniform SMR Code format as follows:

| Recoverability codes | Definition |
|-------------------------|------------|
|-------------------------|------------|

Z— Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.
 F— Reparable item. When uneconomically repairable, condemn and dispose at the direct support level.
 D— Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.
 L— Reparable item. Repair, condemnation, and disposal not authorized below depot/specialized repair activity level.

c. *National Stock Number*. Indicates the National stock number assigned to the item and will be used for requisitioning purposes.

d. *Federal Supply Code for manufacturer (FSCM)*. The FSCM is a 5-digit numeric code listed in SB 708-41/42 which is used to identify the manufacturer, distributor, or Government agency, etc.

e. *Part Number*. Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications, standards, and inspection requirements to identify an item or range of items.

NOTE

When a stock numbered item is requisitioned, the repair part received may have a different part number than the part being replaced.

f. *Description*. Indicates the Federal item name and, if required, a minimum description to identify the item.

g. *Unit of Measure (U/M)*. Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in, pr, etc). When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy

the required units of measure will be requisitioned.

h. *Quantity Incorporated in Unit*. Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunction group, or an assembly.

4. Special Information

a. Usable on codes are shown in the description column. Uncoded items are applicable to all models. Identification of the usable on codes used in this publication are:

| Code | Used on |
|------|-----------|
| ATT | AN/TVS-4 |
| 5EA | AN/TVS-4A |

b. The following publications pertains to the AN/TVS-4 and AN/TVS-4A, and its components:
 TM 11-5855-237-13, Night Vision Sits, Tripod Mounted AN/TVS-4 and AN/TVS-4A.

5. How to Locate Repair Parts

a. *When National stock number or part number is unknown*.

(1) *First*. Using the table of contents, determine the functional group within which the item belongs. This is necessary since illustrations are prepared for functional groups and listings are divided into the same groups.

(2) *Second*. Find the illustration covering the functional group to which the item belongs.

(3) *Third*. Identify the item on the illustration and note the illustration figure and item number of the item.

(4) *Fourth*. Using the Repair Parts Listing, find the figure and item number noted on the illustration.

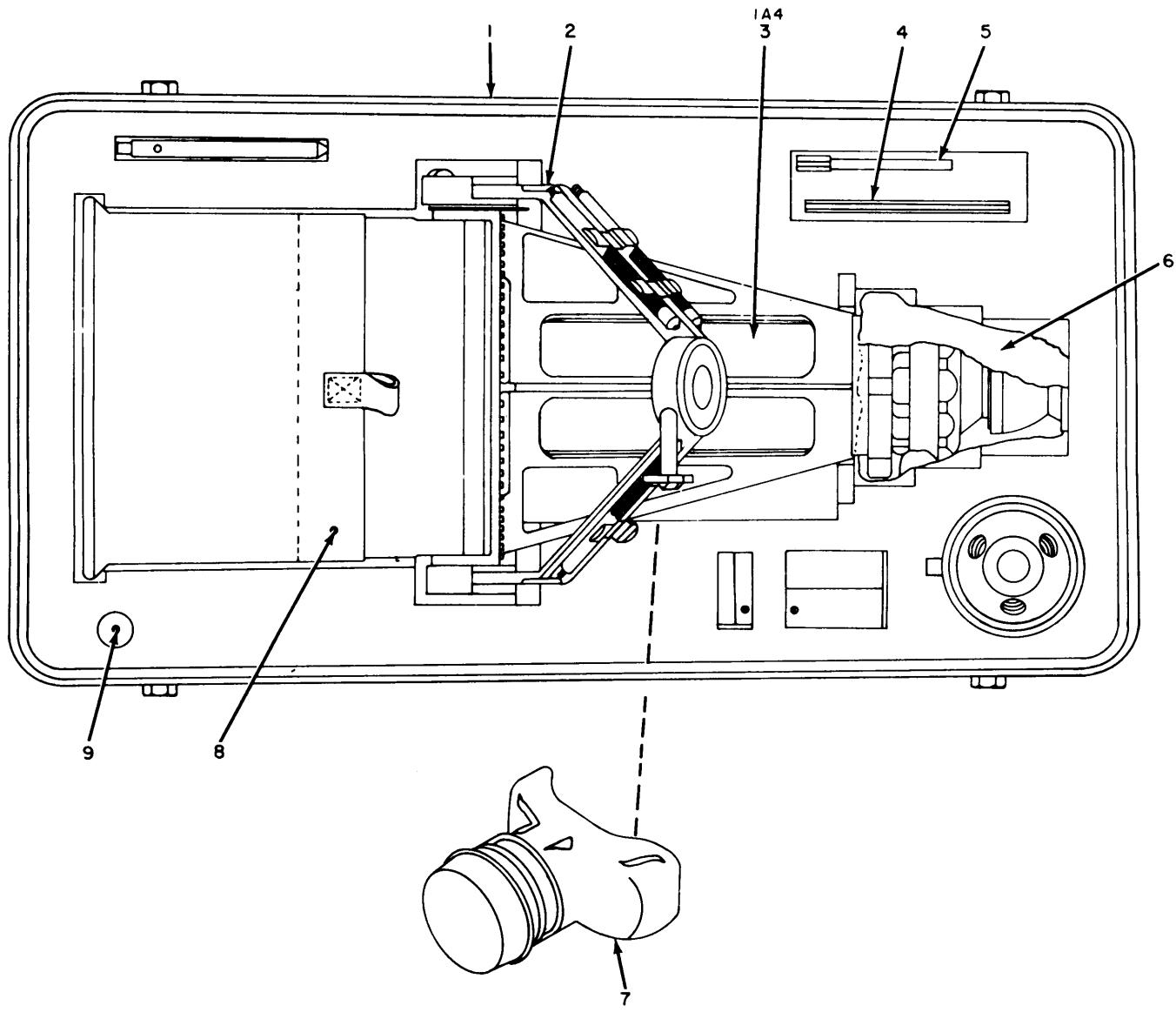
b. *When National stock number or part number is known*.

(1) *First*. Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in NIIN sequence followed by a list of part numbers in alphabetic sequence, cross-referenced to the illustration figure number and item number.

(2) *Second*. After finding the figure and item number, locate the figure and item number in the repair parts list.

6. Abbreviations

Not applicable.



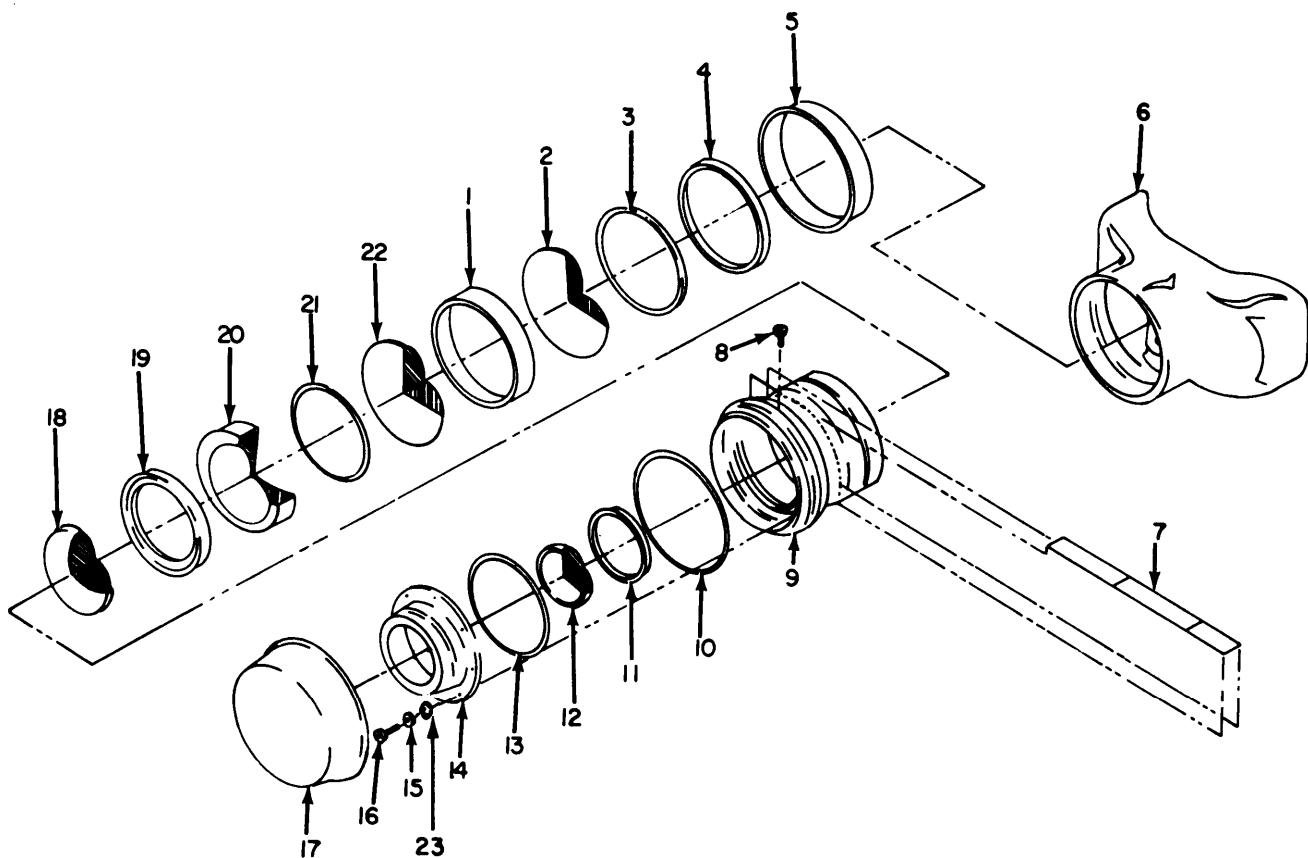
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Figure 1. Night Vision Sight Tripod Mounted AN/TVS-4 and AN/TVS-4A.

SECTION II

TM 11-5855-237-23P

| (1) ILLUSTRATION | (2) SMR CODE | (3) NATIONAL STOCK NUMBER | (4) FSCM | (5) PART NUMBER | (6) DESCRIPTION | | |
|---------------------|--------------------|------------------------------------|--------------|-----------------------|--|------------|---------------------------------|
| | | | | | | (7) U/M | (8) QTY INC IN UNIT |
| | | | | | GROUP 00 NIGHT VISION SIGHT,TRIPOD MOUNTED AN/TVS-4 AND AN/TVS-4A | | |
| 1 | 1 PAOFF | 5855-00-451-6155 | 80058 | CY6359ATVS4 | CASE,NIGHT VISION S..... | EA | 1 |
| 1 | 2 PDOOD | 5855-00-053-3142 | 80058 | MX7901TVS4 | NIGHT VISION SIGHT..... | EA | 1 |
| 1 | 3 PAFFF | 5855-00-010-4735 | 80063 | SCD627834 | HOUSING ASSEMBLY,TU..... | EA | 1 |
| 1 | 4 PAOZZ | 6640-00-597-6745 | 81348 | NNNP40 | PAPER,LENS..... | PK | 1 |
| 1 | 5 PAOZZ | 8020-00-409-3000 | 81349 | MILB43363 | BRUSH,LENS..... | EA | 1 |
| 1 | 6 PAOZZ | 5855-00-937-2187 | 80063 | SCD627829 | COVER,EYEPIECE..... | EA | 1 |
| 1 | 7 PDFDD | 5855-00-149-0766 | 80058 | SU100TVS4 | EYEPIECE ASSEMBLY..... | EA | 1 |
| 1 | 8 PAOZZ | 5855-00-937-2188 | 80063 | SCD627830 | COVER,OBJECTIVE..... | EA | 1 |
| 1 | 9 PAOZZ | 6230-00-171-3362 | 96906 | MS21998-1 | FLASHLIGHT..... | EA | 1 |



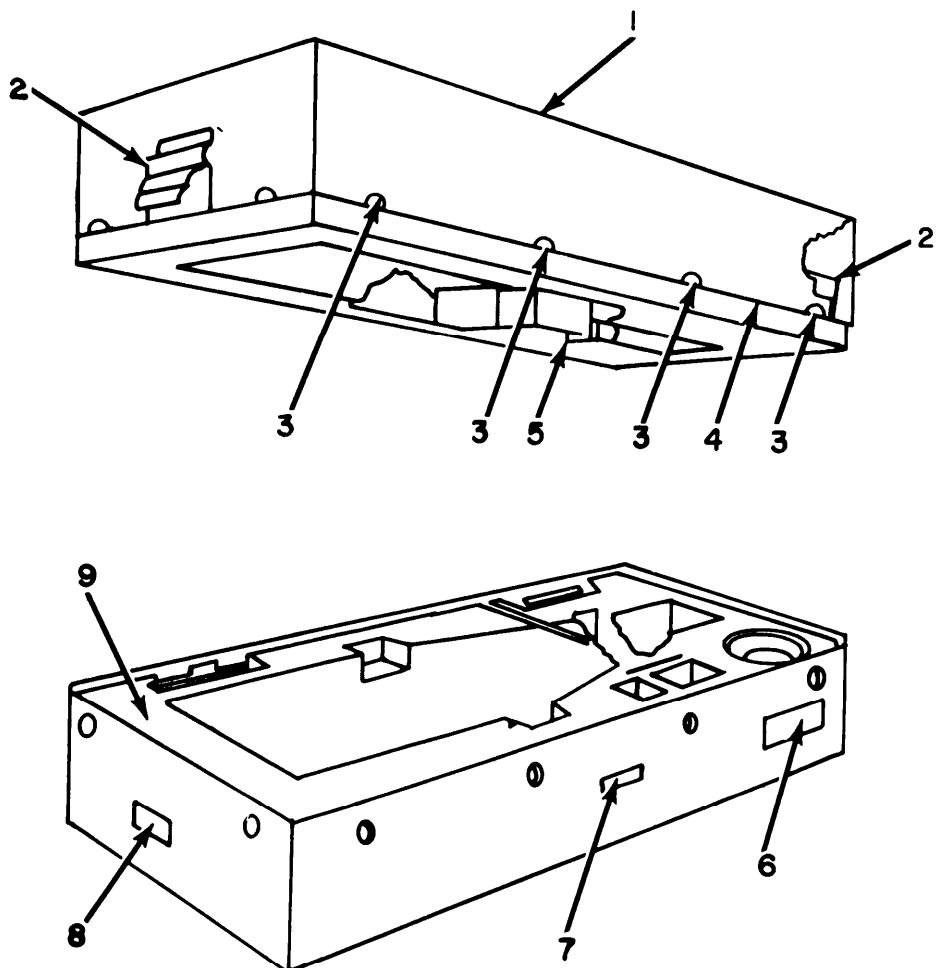
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Figure 2. Night Vision Sight, Tripod Mounted AN/TVS-4 and AN/TVS-4A, Eyepiece Assembly, Exploded View.

SECTION II

TM 11-5855-237-23P

| (1) ILLUSTRATION | (2) ITEM NO. | SMR CODE | (3) NATIONAL STOCK NUMBER | (4) FSCM | (5) PART NUMBER | (6) DESCRIPTION | (7) (8) | |
|---------------------|--------------------|-------------|------------------------------------|-------------|-----------------------|----------------------------|----------------|--------------------------|
| | | | | | | | USABLE ON CODE | QTY INC IN UNIT |
| 2 | 1 | XDDZZ | | 80063 | SM-C-806421 | SPACER, STEPPED, LENS..... | | EA 1 |
| 2 | 2 | PBDZZ | 5855-01-061-6884 | 80063 | SM-D-806415 | LENS, OPTICAL INSTRU..... | | EA 1 |
| 2 | 3 | PBDZZ | 5855-01-061-6888 | 80063 | SM-C-806422 | SPACER, OPTICAL ELEM..... | | EA 1 |
| 2 | 4 | PBDZZ | 5855-01-061-6889 | 80063 | SM-C-806423 | RETAINER, OPTICAL EL..... | | EA 1 |
| 2 | 5 | PAFZZ | 5340-01-062-6746 | 80063 | SM-C-806427 | CAP-PLUG, PROTECTIVE..... | | EA 1 |
| 2 | 6 | PACZZ | 5855-01-061-6887 | 80063 | SM-D-806407 | EYESHIELD, OPTICAL I..... | | EA 1 |
| 2 | 7 | XDDZZ | | 80063 | SM-C-806425 | PLAT..... | | EA 1 |
| 2 | 8 | PADZZ | 5305-00-738-0624 | 96906 | MS3212-1 | SCREW, PAN HEAD..... | | EA 1 |
| 2 | 9 | XDDZZ | | 80063 | SM-D-806416 | HOUSING, LENS..... | | EA 1 |
| 2 | 10 | PCFZZ | 5330-00-940-9475 | 96906 | MS9068-044 | PACKING, PREFORMED..... | | EA 1 |
| 2 | 11 | PBDZZ | 5855-01-061-6890 | 80063 | SM-C-806418 | RETAINER, OPTICAL EL..... | | EA 1 |
| 2 | 12 | PBDZZ | 5855-01-061-6885 | 80063 | SM-D-806411 | LENS, OPTICAL INSTRU..... | | EA 1 |
| 2 | 13 | PCDZZ | 5330-00-941-9444 | 96906 | MS9068-041 | PACKING, PREFORMED..... | | EA 1 |
| 2 | 14 | PBDZZ | 5855-01-061-6883 | 80063 | SM-D-806417 | CELL, OPTICAL ELEMEN..... | | EA 1 |
| 2 | 15 | PADZZ | 5310-00-177-1301 | 96906 | MS35338-134B | WASHER, LOCK..... | | EA 8 |
| 2 | 16 | PADZZ | 5305-00-988-7609 | 96906 | MS16995-38 | SCREW, CAP, SOCKET HE..... | | EA 8 |
| 2 | 17 | PAFZZ | 5340-01-062-6747 | 80063 | SM-C-806426 | CAP-PLUG, PROTECTIVE..... | | EA 1 |
| 2 | 18 | XDDZZ | | 80063 | SM-D-806412 | LENS, DOUBLE-CONVEX..... | | EA 1 |
| 2 | 19 | XDDZZ | | 80063 | SM-C-806419 | SPACER, STEPPED, LENS..... | | EA 1 |
| 2 | 20 | XDDZZ | | 80063 | SM-D-806413 | LENS, DOUBLE-CONCAVE..... | | EA 1 |
| 2 | 21 | XDDZZ | | 80063 | SM-C-806420 | SPACER, RING, LENS..... | | EA 1 |
| 2 | 22 | XDDZZ | | 80063 | SM-D-806414 | LENS..... | | EA 1 |
| 2 | 23 | XDDZZ | 5310-00-433-3599 | 96906 | MS15795-802B | WASHER, FLAT.....ATT | | EA 8 |



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Figure 3. Case Assembly, Carrying.

| SECTION II | | | | | DESCRIPTION | USABLE ON CODE | U/M | QTY INC IN UNIT |
|---------------------------------|--------------------|------------------------------------|-------------|-----------------------|---------------------------|----------------|-----|-----------------|
| (1) ILLUSTRATION | (2) SMR CODE | (3) NATIONAL STOCK NUMBER | (4) FSCM | (5) PART NUMBER | | | | |
| GROUP 01 CASE ASSEMBLY,CARRYING | | | | | | | | |
| 3 1 | XDFZZ | | 80063 | SCD627825-1 | CASE ASSEMBLY..... | | EA | 1 |
| 3 2 | PAFZZ | 5340-00-152-0662 | 98376 | ZSP3-003-1 | HANDLE,BAIL..... | | EA | 2 |
| 3 3 | XDFZZ | | 80295 | 46126-3AA | CATCH,CLAMPING..... | | EA | 4 |
| 3 4 | XDFZZ | | 98376 | ZSP5-504-95 | RUBBER ROUND SECTION..... | | EA | 1 |
| 3 5 | PAOZZ | 5855-00-256-5562 | 80063 | SCD627996 | CUSHION UPPER..... | | EA | 1 |
| 3 6 | XDFZZ | | 80063 | SCC627890 | PLAT..... | | EA | 1 |
| 3 7 | XDFZZ | | 80063 | SCD627825-2 | VALVE,RELIEF..... | | EA | 1 |
| 3 8 | XDFZZ | | 80063 | SCC627853 | PLAT..... | | EA | 1 |
| 3 9 | PAOZZ | 5855-00-231-7790 | 80063 | SCD627995 | CUSHION LOWER..... | | EA | 1 |

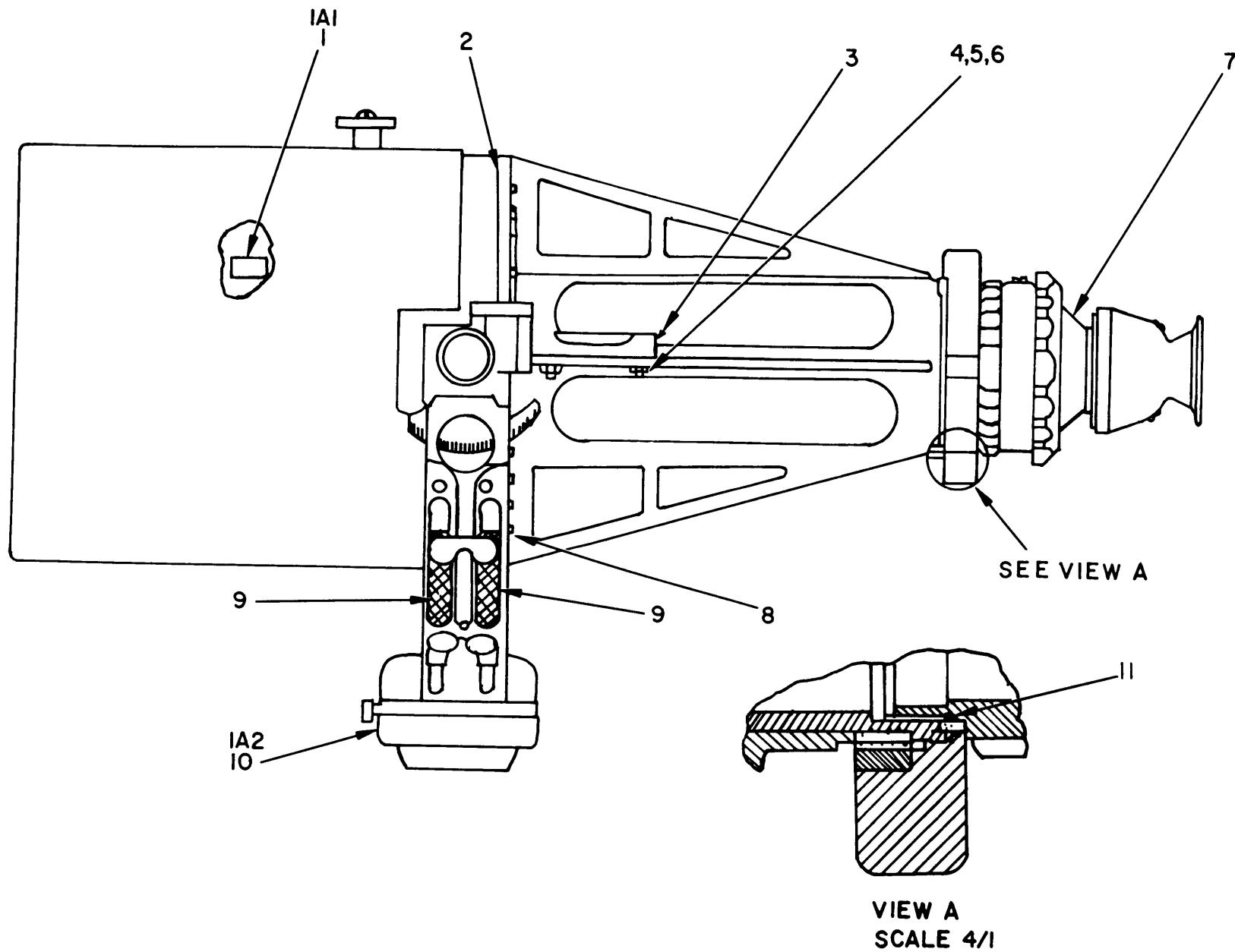
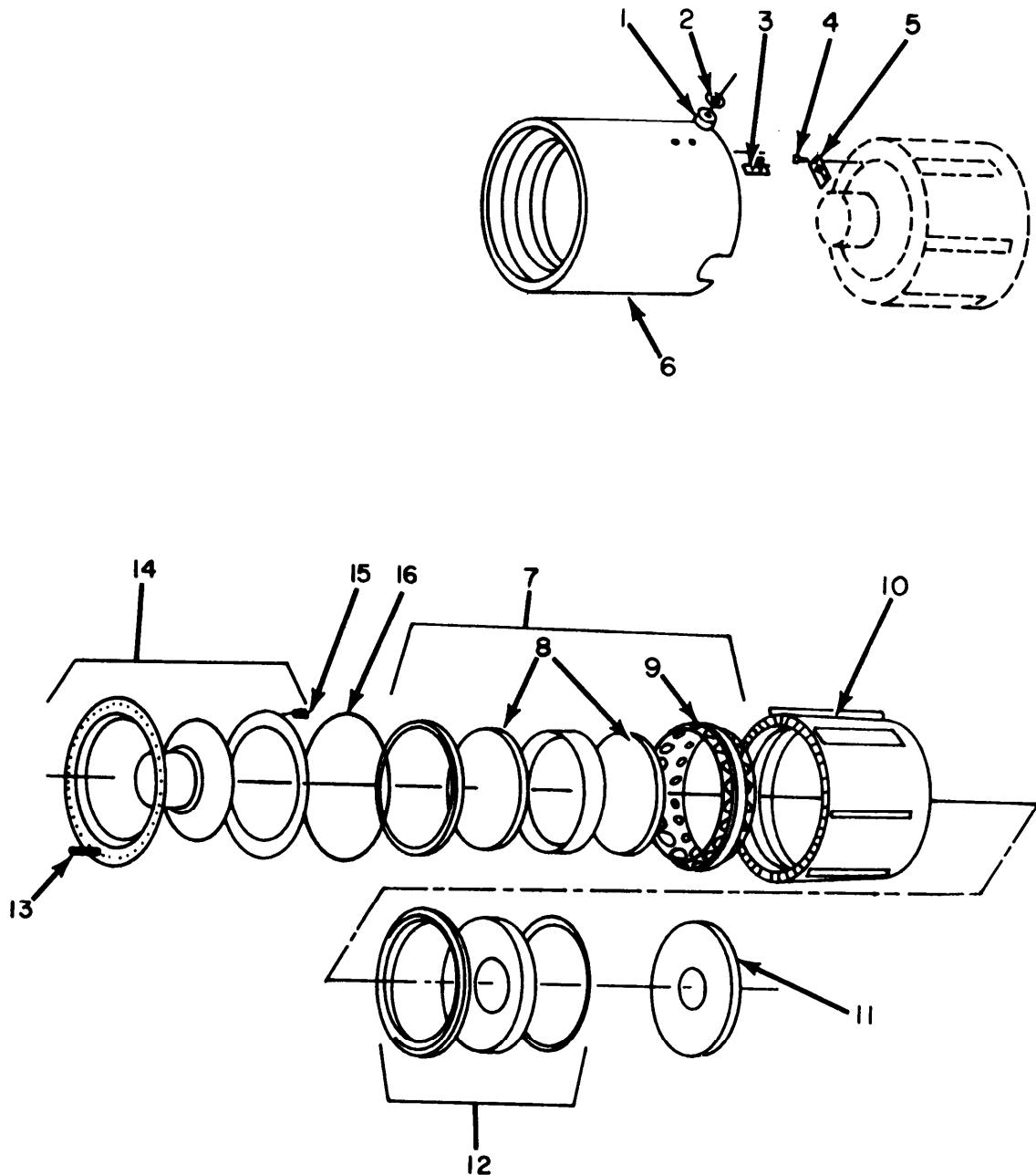


Figure 4. Night Vision Sight, Tripod Mounted.

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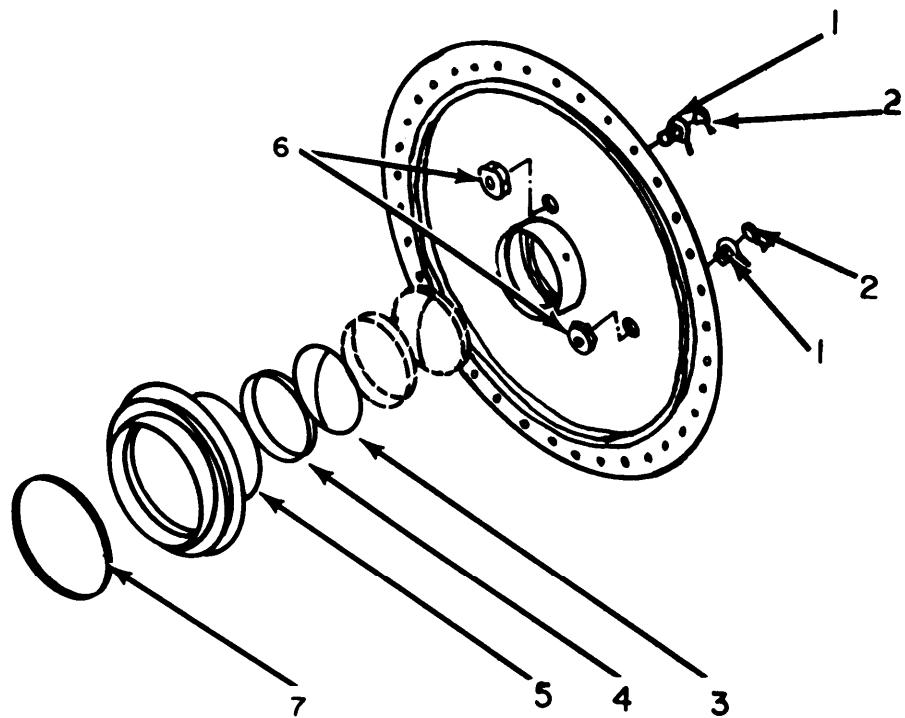
| (1) ILLUSTRATION | SECTION II | | (3) NATIONAL STOCK NUMBER | (4) FSCM | (5) | (6) DESCRIPTION | (7) USABLE ON CODE | (8) QTY INC IN UNIT |
|--|------------------|-------------------|------------------------------------|-------------|--------------|----------------------------|-----------------------|---------------------------------|
| | (1) FIG NO | (2) ITEM NO | SMR CODE | | | | | |
| GROUP 02 NIGHT VISION SIGHT, TRIPOD MOUNTED | | | | | | | | |
| 4 | 1 | PAFD0 | 5855-00-904-9466 | 80063 | SCD627702 | OBJECTIVE ASSEMBLY..... | EA | 1 |
| 4 | 2 | PADZZ | 5330-00-926-4075 | 96906 | MS9068-270 | PACKING, PREFORMED..... | EA | 1 |
| 4 | 3 | PADZZ | 5855-00-937-2327 | 80063 | SC-B-627820 | VIAL-LEVEL..... | EA | 1 |
| 4 | 4 | PADZZ | 5305-00-177-5580 | 96906 | MS51959-218 | SCREW, MACHINE..... | EA | 2 |
| 4 | 5 | PADZZ | 5310-00-687-5934 | 96906 | MS35338-154B | WASHER, LOCK..... | EA | 2 |
| 4 | 6 | PADZZ | 5310-00-158-5259 | 96906 | MS35649-244B | NUT, PLAIN, HEXAGON..... | EA | 2 |
| 4 | 7 | PAFD0 | 5855-00-879-0546 | 80063 | SCD599155 | EYEPIECE ASSEMBLY, O..... | EA | 1 |
| 4 | 8 | PADZZ | 5305-00-445-8771 | 96906 | MS16995-20B | SCREW, CAP, SOCKET HE..... | EA | 18 |
| 4 | 9 | XDDZZ | | 80063 | SCC627788 | LEG..... | EA | 3 |
| 4 | 10 | PADZZ | 5855-00-138-2346 | 80063 | SCC627990 | ADAPTER ASSEMBLY..... | EA | 1 |
| 4 | 11 | PADZZ | 5330-00-883-2982 | 96906 | MS9021-044 | PACKING, PREFORMED..... | EA | 1 |



ELIHF005

Figure 5. Objective Lens Assembly.

| (1) ILLUSTRATION | | (2) SMR CODE | (3) NATIONAL STOCK NUMBER | (4) FSCM | (5) PART NUMBER | (6) DESCRIPTION | (7) USABLE ON CODE | (8) QTY INC IN UNIT |
|------------------------------------|-------------------|--------------------|------------------------------------|-------------|-----------------------|---------------------------|-----------------------|---------------------------------|
| (a) FIG NO | (b) ITEM NO | | | | | | | |
| GROUP 0201 OBJECTIVE LENS ASSEMBLY | | | | | | | | |
| 5 | 1 | PADZZ | 5355-00-904-9578 | 97403 | 13204E0962 | KNOB..... | EA | 1 |
| 5 | 2 | PADZZ | 5365-00-910-9516 | 80063 | SCB627732 | RING,RETAINING..... | EA | 1 |
| 5 | 3 | PADZZ | 5855-00-904-9463 | 80063 | SC-C-627731 | CLAMP SHADE..... | EA | 1 |
| 5 | 4 | PADZZ | 5305-00-937-2624 | 97403 | 13205E4194 | SCREW,MACHINE..... | EA | 2 |
| 5 | 5 | XDFZZ | | 80063 | SCB599101 | STOP,SHADE..... | EA | 1 |
| 5 | 6 | PADZZ | 5855-00-904-9487 | 80063 | SCD627727 | OBJECTIVE SHADE ASSY..... | EA | 1 |
| 5 | 7 | PADZL | 5855-00-908-9282 | 80063 | SCD627718 | CELL ASSEMBLY..... | EA | 1 |
| 5 | 8 | XDDZZ | | 80063 | SCB627724 | PAD,LENS..... | EA | 6 |
| 5 | 9 | XDDZZ | | 80063 | SCD627719 | CELL ASSEMBLY..... | EA | 1 |
| 5 | 10 | PADZD | 5855-00-904-9494 | 80063 | SCD627703 | HOUSING,OBJECTIVE..... | EA | 1 |
| 5 | 11 | PADZZ | 5855-00-904-9464 | 80063 | SCD627738 | CELL,ASSEMBLY..... | EA | 1 |
| 5 | 12 | XDDZZ | | 96906 | MS9021-176 | PACKING,PREFORMED..... | EA | 2 |
| 5 | 13 | PADZZ | 5855-00-904-9485 | 80063 | SCD627733 | PRIMARY ASSEMBLY..... | EA | 1 |
| 5 | 14 | PADZZ | 5305-00-145-0713 | 96906 | MS16995-18B | SCREW,CAP,SOCKET HE..... | EA | 54 |
| 5 | 15 | PADZZ | 5855-00-908-9281 | 80063 | SCD627710 | CELL ASSEMBLY..... | EA | 1 |
| 5 | 16 | XDDZZ | | 80063 | SCB627857 | SCREW..... | EA | 2 |



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Figure 6. Objective Lens Assembly, Fourth and Fifth Cell Assembly.

SECTION II

TM 11-5855-237-23P

| (1) ILLUSTRATION | (2) ITEM NO. | (3) NATIONAL STOCK NUMBER | (4) FSCM | (5) PART NUMBER | (6) DESCRIPTION | | |
|---------------------|--------------------|------------------------------------|-------------|-----------------------|--------------------------|------------|---------------------------------|
| | | | | | | (7) U/M | (8) QTY INC IN UNIT |
| 6 | 1 PADZZ | 5855-00-937-2186 | 80063 | SCC627744 | VALVE,AIR..... | EA | 2 |
| 6 | 2 PADZZ | 4820-00-759-1806 | 80063 | SCC627750 | DISK,VALVE..... | EA | 2 |
| 6 | 3 PADZZ | 5855-00-138-2347 | 80063 | SCC627743 | LENS,INFRARED RECEI..... | EA | 1 |
| 6 | 4 XDOZZ | | 80063 | SCD627740 | RETAINER,FIFTH..... | EA | 1 |
| 6 | 5 PAFZZ | 5855-00-937-2184 | 80063 | SCC627746 | SHADE,OPTICAL INSTA..... | EA | 1 |
| 6 | 6 PADZZ | 5855-00-937-2185 | 80063 | SCB627745 | NUT,AIR VALVE..... | EA | 2 |
| 6 | 7 XDBZZ | | 96906 | MS9021-176 | O-RING..... | EA | 2 |

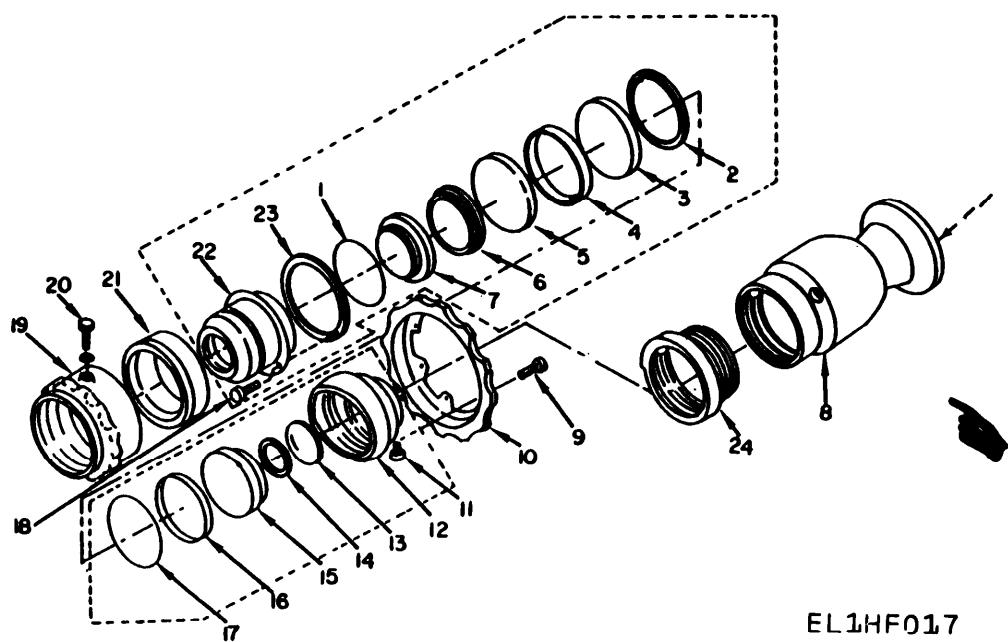
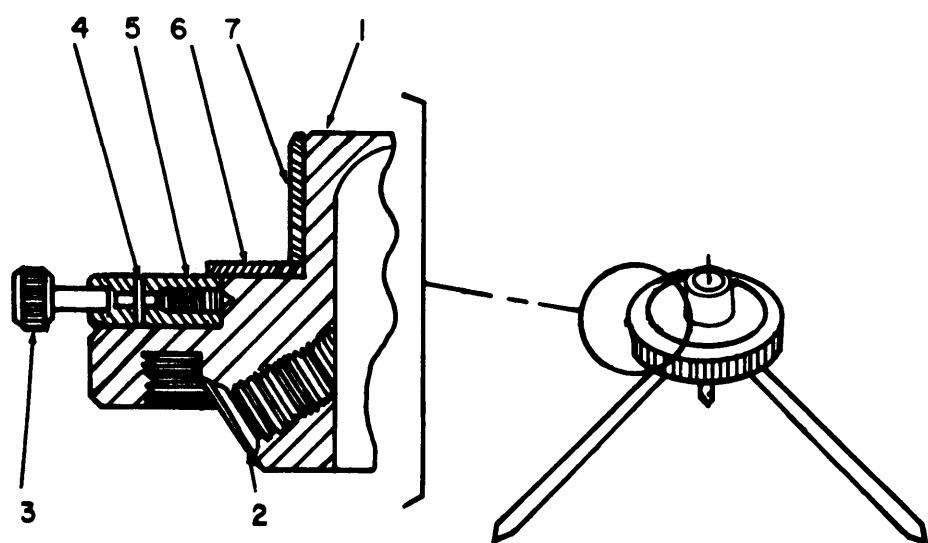


Figure 7. Eyepiece Assembly.

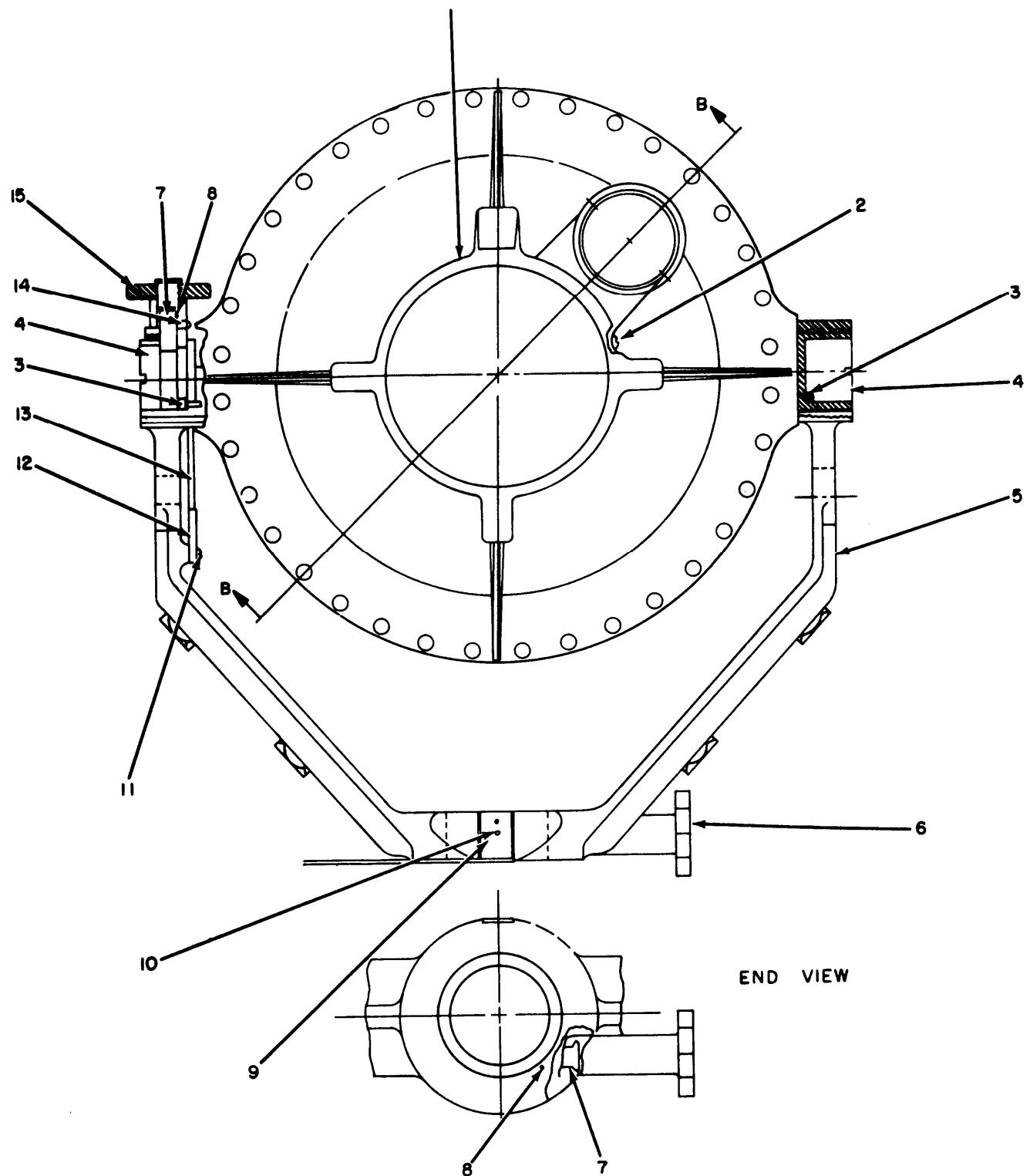
| SECTION II | | (2) ILLUSTRATION | (3) NATIONAL STOCK NUMBER | (4) FSCM | (5) PART NUMBER | (6) DESCRIPTION | | |
|------------------------------|--------------------|---------------------|------------------------------------|-------------|-----------------------|----------------------------|----------------|---|
| (a) FIG NO | (b) ITEM NO. | | | | | | USABLE ON CODE | |
| GROUP 0202 EYEPIECE ASSEMBLY | | | | | | | | |
| 7 | 1 | PADZZ | 5330-00-851-8695 | 96906 | MS9021-040 | PACKING, PREFORMED..... | EA | 1 |
| 7 | 2 | PADZZ | 5855-00-010-5046 | 80063 | SCC599164 | SPACER, LENS..... | EA | 1 |
| 7 | 3 | PADZZ | 5855-00-010-5187 | 80063 | SCB599171 | LENS..... | EA | 1 |
| 7 | 4 | XDDZZ | | 80063 | SCC599165 | SPACER, LENS, NUMBER..... | EA | 1 |
| 7 | 5 | PADZZ | 5855-00-010-5184 | 80063 | SCB599172 | LENS..... | EA | 1 |
| 7 | 6 | PADZZ | 5855-00-010-5160 | 80063 | SCD599166 | SPACER, LENS..... | EA | 1 |
| 7 | 7 | PADZZ | 5855-00-010-5162 | 80063 | SCB599173 | LENS..... | EA | 1 |
| 7 | 8 | PAQZZ | 5855-00-879-0193 | 80063 | SCC627883-1 | EYESHIELD ASSEMBLY..... | EA | 1 |
| 7 | 9 | PADZZ | 5305-00-139-4941 | 80063 | 645753-14 | SCREW, MACHINE..... | EA | 6 |
| 7 | 10 | PADZZ | 5855-00-010-5159 | 80063 | SCD599159 | RING, FOCUS..... | EA | 1 |
| 7 | 11 | PADZZ | 5305-00-010-7645 | 80063 | SCC599167 | SCREW, MACHINE..... | EA | 1 |
| 7 | 12 | PADZD | 5855-00-010-5154 | 80063 | SCD599158 | CELL, REAR..... | EA | 1 |
| 7 | 13 | PADZZ | 5855-00-010-5196 | 80063 | SCB599169 | LENS..... | EA | 1 |
| 7 | 14 | PADZZ | 5855-00-010-5227 | 80063 | SCC599162 | SPACER, LENS..... | EA | 1 |
| 7 | 15 | PADZZ | 5855-00-010-5195 | 80063 | SCB599170 | LENS..... | EA | 1 |
| 7 | 16 | PADZZ | 5855-00-010-5228 | 80063 | SCC599163 | SPACER, LENS..... | EA | 1 |
| 7 | 17 | PADZZ | 5330-00-585-7864 | 96906 | MS9021-154 | PACKING, PREFORMED..... | EA | 1 |
| 7 | 18 | PADZZ | 5305-00-833-8631 | 96906 | MS18212-15 | SCREW, MACHINE..... | EA | 6 |
| 7 | 19 | PADZZ | 5855-00-010-5231 | 80063 | SCD599156 | HOUSING, EYEPIECE..... | EA | 1 |
| 7 | 20 | PADZZ | 1270-00-126-6512 | 80063 | SCC599160 | FOLLOWER ASSEMBLY, E..... | EA | 1 |
| 7 | 21 | XDDZZ | 1270-00-126-6517 | 80063 | SCD599161 | RING, CONVOLUTE, EYEP..... | EA | 1 |
| 7 | 22 | PADZZ | 5855-00-010-5156 | 80063 | SCD599157 | CELL, FRONT..... | EA | 1 |
| 7 | 23 | XDDZZ | | 80063 | SCC599168 | SHIM..... | EA | 1 |
| 7 | 24 | XDOZZ | | 80063 | SMD646025 | EYESHIELD ASSEMBL..... | EA | 1 |



ELIHF008

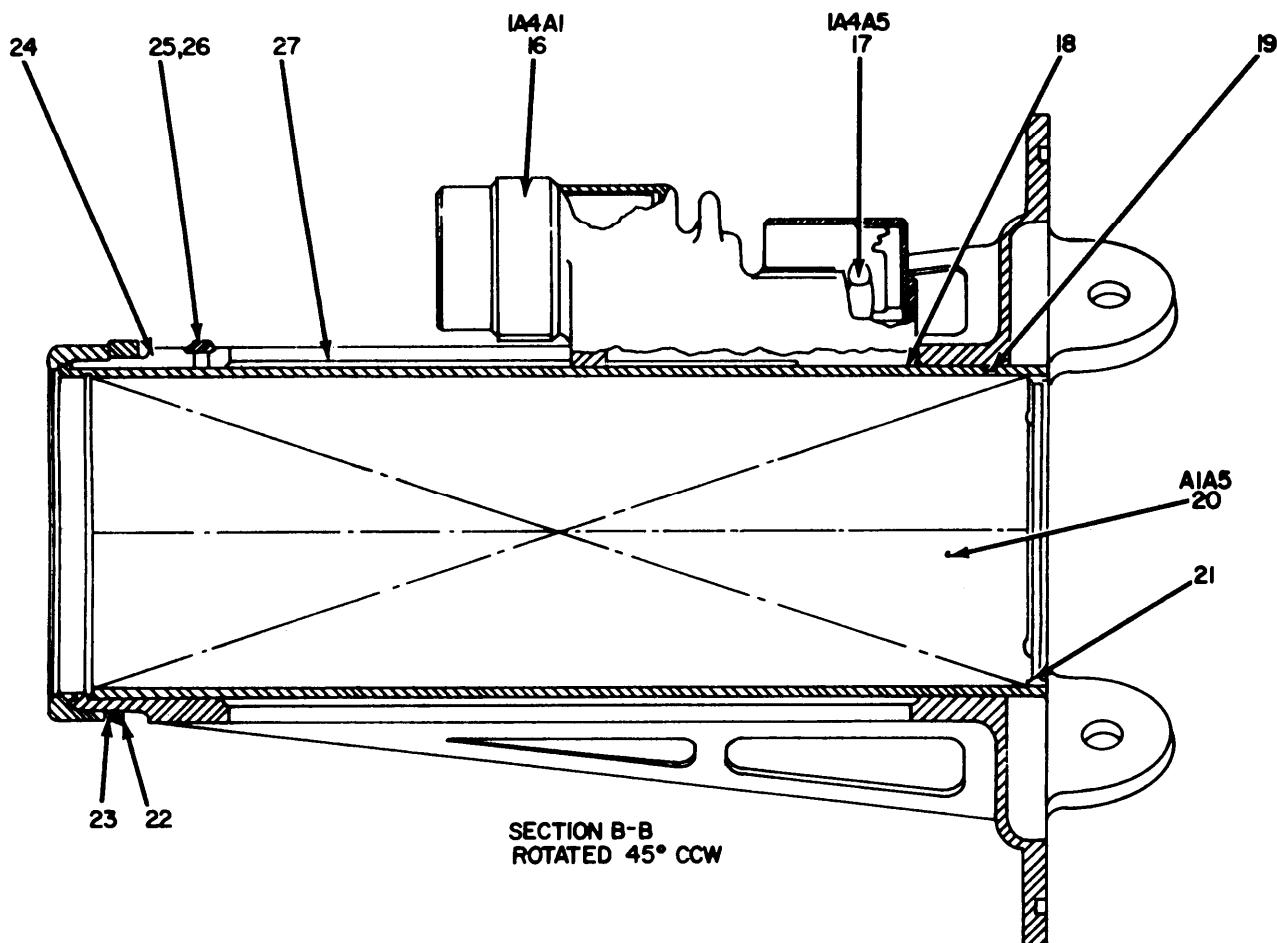
Figure 8. Adapter Assembly.

| (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) DESCRIPTION | (7) | (8) |
|---------------------|-------------------|-------------|-----------------------------|-------|----------------|-----------------------------|-----|--------------------------|
| (8) FIG NO | (9) ITEM NO | SMR CODE | NATIONAL STOCK NUMBER | FSCM | PART NUMBER | USABLE ON CODE | U/M | QTY INC IN UNIT |
| | | | | | | GROUP 0203 ADAPTER ASSEMBLY | | |
| 0 | 1 | XDFZZ | | 80063 | SCD627991 | ADAPTER..... | EA | 1 |
| 0 | 2 | XDFZZ | 5340-00-290-4518 | 96906 | MS122123 | INSERT,SCREW THREAD..... | EA | 3 |
| 0 | 3 | PAFZZ | 5305-00-937-2623 | 80063 | SCC627787 | THUMSCREW..... | EA | 1 |
| 0 | 4 | PAFZZ | 5315-00-847-3735 | 96906 | MS171432 | PIN,SPRING..... | EA | 1 |
| 0 | 5 | PAFZZ | 5855-00-937-4074 | 80063 | SCD627784 | DIAL,AZIMUTH..... | EA | 1 |
| 0 | 6 | XDFZZ | | 80063 | SCB627992 | BEARING..... | EA | 1 |
| 0 | 7 | XDFZZ | | 80063 | SCC627993 | BUSHING..... | EA | 1 |



ELIHFO09

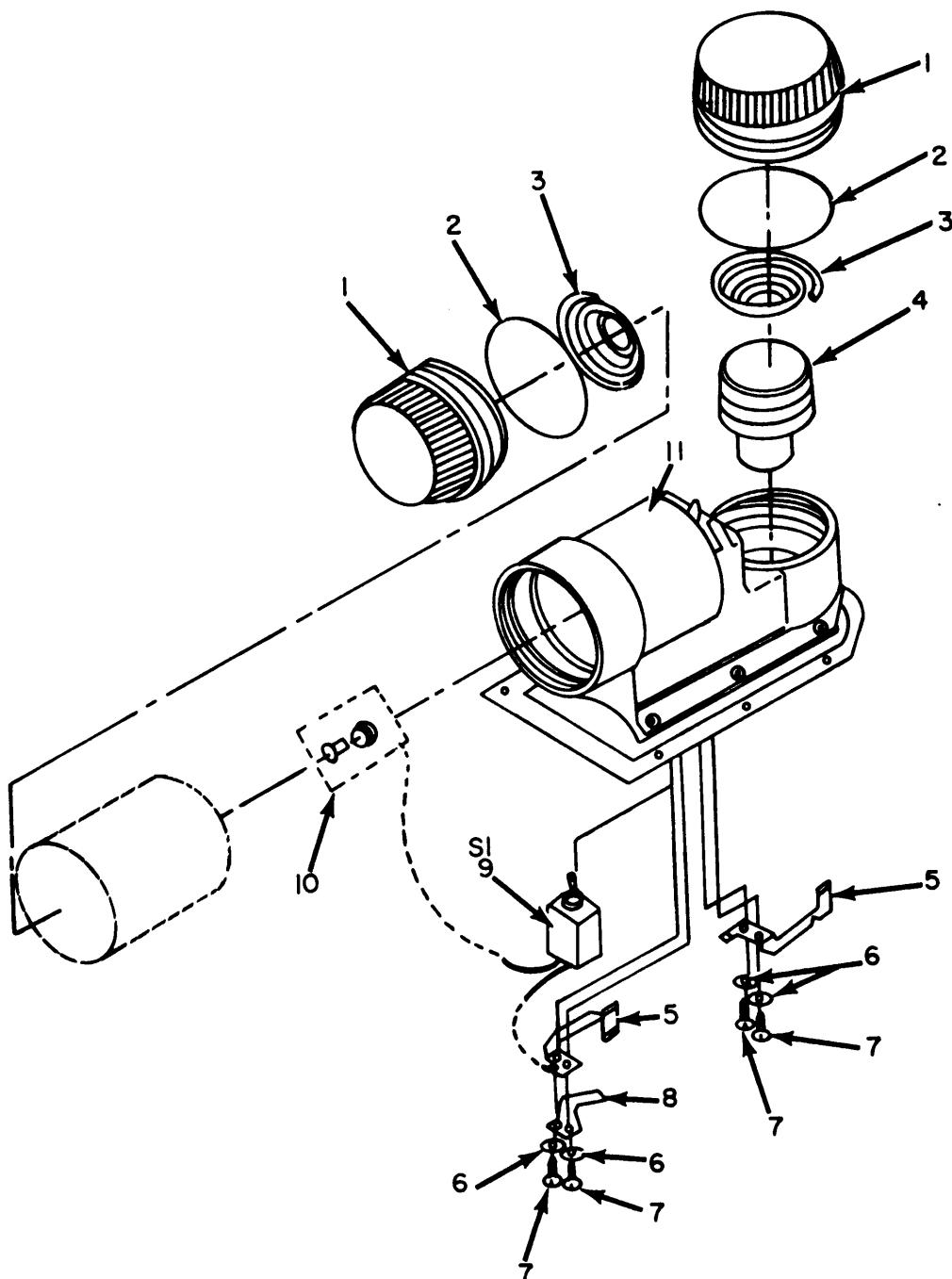
Figure 9. Image Tube Housing Assembly (Sheet 1 of 2).



ELIHFOIO

Figure 9. Image Tube Housing Assembly (Sheet 2 of 2).

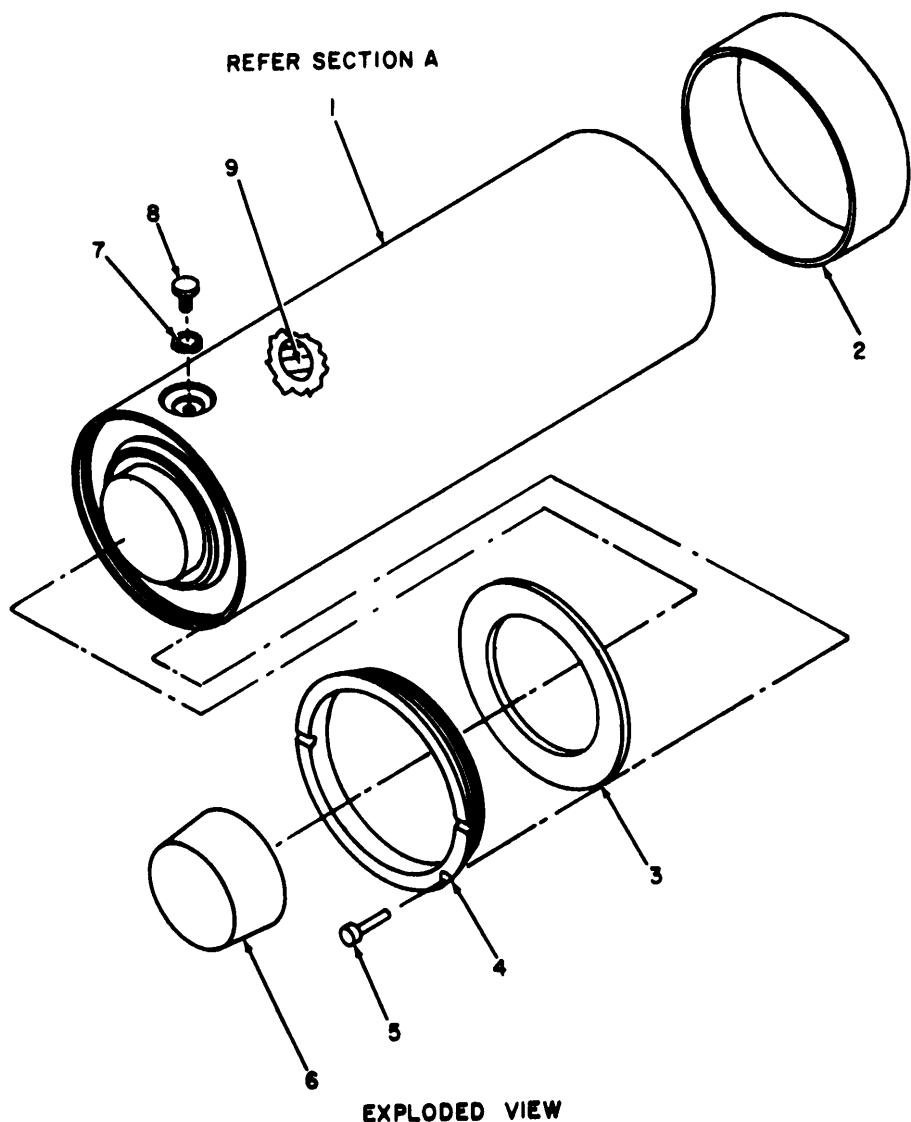
| (1) ILLUSTRATION (a) FIG NO | (2) ITEM NO | SMR CODE | (3) NATIONAL STOCK NUMBER | (4) FSCM | (5) PART NUMBER | (6) DESCRIPTION | (7) (8) | |
|---|-------------------|-------------|------------------------------------|-------------|-----------------------|-----------------------------|----------------|---------------------------------|
| | | | | | | | USABLE ON CODE | OTY INC IN UNIT U/M |
| GROUP 03 IMAGE TUBE HOUSING ASSEMBLY | | | | | | | | |
| 9 | 1 | PADZZ | 5340-00-910-9610 | 80063 | SCD627774 | RING..... | EA | 1 |
| 9 | 2 | PADZZ | 5305-00-937-2624 | 80063 | SCC627717 | SCREW,MACHINE..... | EA | 6 |
| 9 | 3 | PADZZ | 5305-00-230-2058 | 96906 | MS16995-17B | SCREW,CAP, SOCKET HE..... | EA | 2 |
| 9 | 4 | PADZZ | 5855-00-908-9234 | 80063 | SCC627777 | TRUNION..... | EA | 2 |
| 9 | 5 | PAFFF | 5855-00-937-2713 | 80063 | SCD327776 | VOKE ASSEMBLY..... | EA | 1 |
| 9 | 6 | PADZZ | 5355-00-937-2289 | 80063 | SCC627781 | KNOB..... | EA | 1 |
| 9 | 7 | PADZZ | 5325-00-937-2288 | 80063 | SCC627778 | STUD,LOCK..... | EA | 2 |
| 9 | 8 | PADZZ | 5315-00-531-7880 | 96906 | MS171436 | PIN,SPRING..... | EA | 2 |
| 9 | 9 | PADZZ | 5855-00-010-1767 | 80063 | SCD627851 | SCALE,AZIMUTH..... | EA | 1 |
| 9 | 10 | PADZZ | 5305-00-253-5604 | 96906 | MS21318-2 | SCREW,DRIVE..... | EA | 2 |
| 9 | 11 | PADZZ | 5305-00-242-7275 | 96906 | MS51957-15B | SCREW,MACHINE..... | EA | 2 |
| 9 | 12 | PADZZ | 5855-00-930-8827 | 80063 | SCC627780 | ELEVATION VERNIER..... | EA | 1 |
| 9 | 13 | PADZZ | 5355-00-933-3257 | 80063 | SCD627779 | DIAL,ELEVATION..... | EA | 1 |
| 9 | 14 | PADZZ | 5305-00-253-5608 | 96906 | MS21318-9 | SCREW,DRIVE..... | EA | 2 |
| 9 | 15 | PADZZ | 5355-00-904-9578 | 80063 | SCC627730 | KNOB..... | EA | 1 |
| 9 | 16 | XDFFF | | 80063 | SCD599150 | POWER SUPPLY..... | EA | 1 |
| 9 | 17 | PADZZ | 5855-00-904-0684 | 81349 | MILC52374EL | OSCILLATOR..... | EA | 1 |
| 9 | 18 | PADZZ | 5330-00-914-5916 | 80063 | SCC627772 | GASKET..... | EA | 1 |
| 9 | 19 | PADZZ | 5330-00-883-2982 | 96906 | MS9021-044 | PACKING,PREFORMED..... | EA | 1 |
| 9 | 20 | PAFDL | 5855-00-908-9314 | 80058 | MX7856UV | IMAGE INTENSIFIER A.....ATT | EA | 1 |
| 9 | 20 | PAFDD | 5855-00-147-2508 | 80058 | MX7856AU | IMAGE INTENSIFIER.....SEA | EA | 1 |
| 9 | 21 | PADZZ | 5855-00-131-6338 | 80063 | SCD599184-1 | SLEEVE ASSEMBLY..... | A | 1 |
| 9 | 22 | PADZZ | 5305-00-655-9246 | 80063 | SCB627714-1 | SETSCREW..... | EA | 2 |
| 9 | 23 | PADZZ | 5855-00-904-9469 | 80063 | SCD627773 | STOP RING..... | EA | 1 |
| 9 | 24 | PADZO | 5855-00-904-9473 | 80063 | SCD627755 | TUBE,HOUSE ASSEMBLY..... | EA | 1 |
| 9 | 25 | PADZZ | 5310-00-637-1841 | 80205 | NAS1676C6P | WASHER,LOCK..... | EA | 1 |
| 9 | 26 | XDDZZ | 5305-00-880-9579 | 80063 | SCC627756 | SETSCREW..... | EA | 1 |
| 9 | 27 | PADZZ | 5855-00-904-9572 | 80063 | SCD627757 | FOCUSING TUVE..... | EA | 1 |



ELI HF011

Figure 10. Power Supply Assembly.

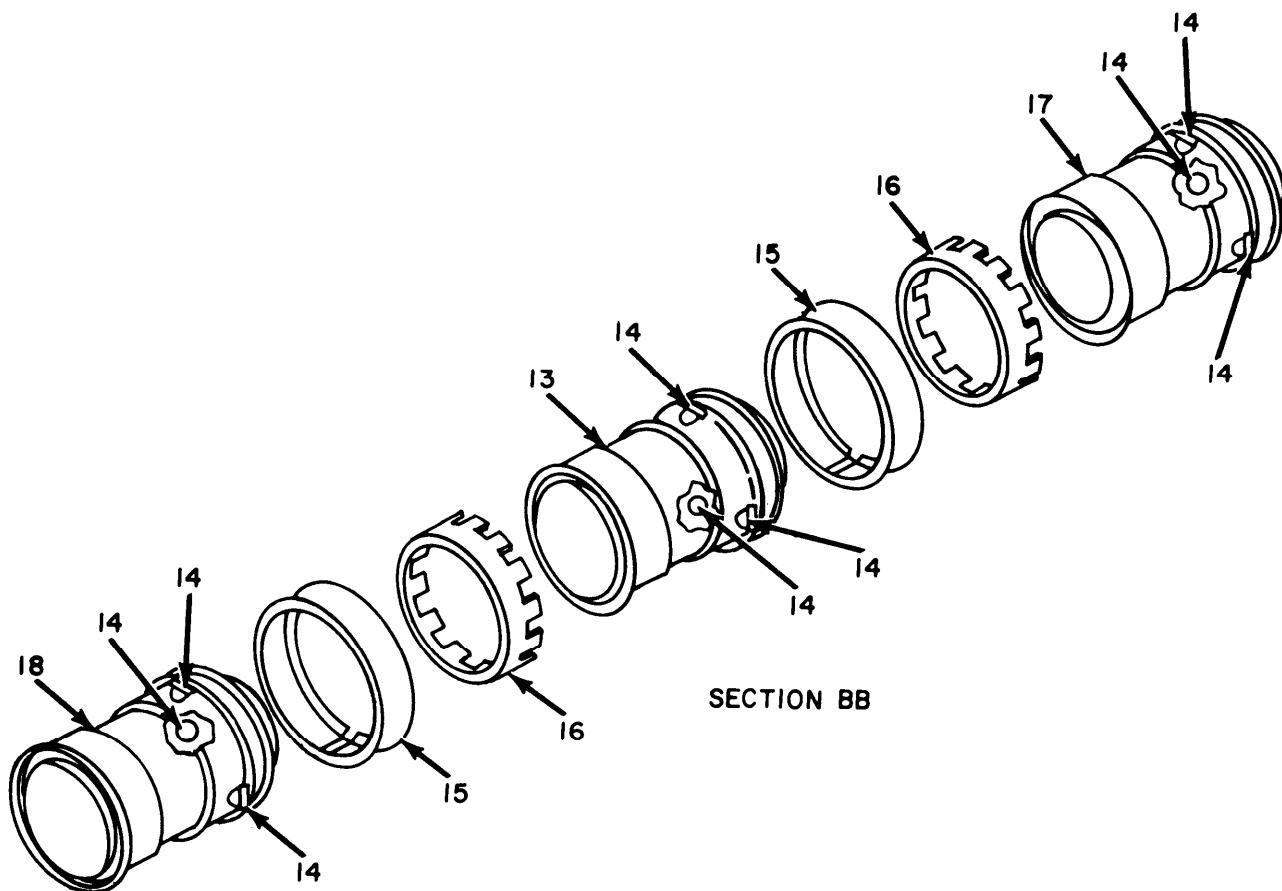
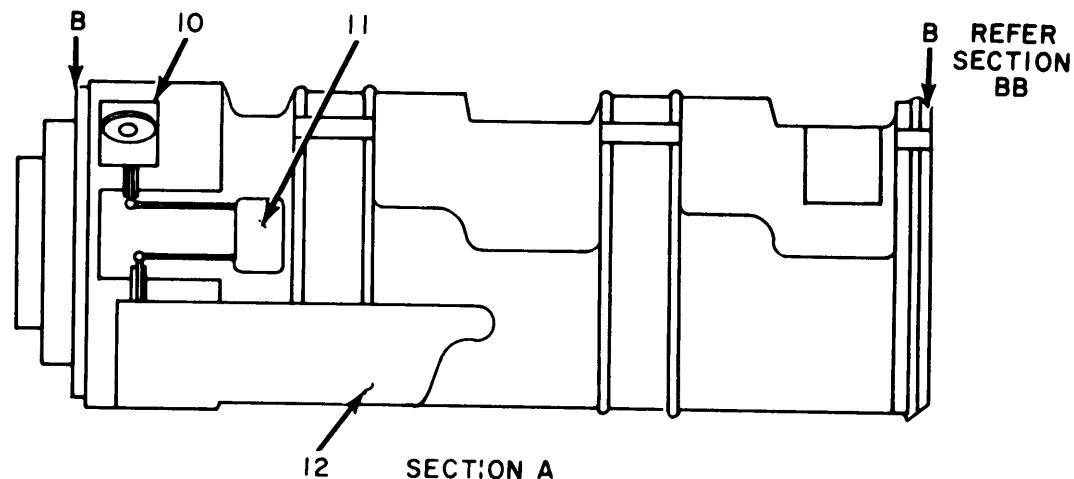
| (1) ILLUSTRATION | | (2) SMR CODE | (3) NATIONAL STOCK NUMBER | (4) FSCM | (5) PART NUMBER | (6) DESCRIPTION | (7) USABLE ON CODE | (8) QTY INC IN UNIT |
|---------------------|-------------------|--------------------|------------------------------------|-------------|-----------------------|----------------------------------|-----------------------|---------------------------------|
| (A) FIG NO | (B) ITEM NO | | | | | GROUP 0301 POWER SUPPLY ASSEMBLY | | |
| 10 | 1 | PAUZZ | 5855-00-779-2848 | 80063 | SCC614598 | CAP,SCOPE ASSEMBLY..... | EA | 2 |
| 10 | 2 | PAOZZ | 5330-00-551-8252 | 96906 | MS9021-030 | PACKING,PREFORMED..... | EA | 2 |
| 10 | 3 | PAFZZ | 5360-00-941-5009 | 80063 | SCC614643 | SPRING..... | EA | 2 |
| 10 | 4 | PAFZZ | 6140-00-091-9126 | 80063 | SCD614645 | CONTACT..... | EA | 1 |
| 10 | 5 | PADZZ | 5999-00-010-1714 | 80063 | SCC599153 | CONTACT,ELECTRICAL..... | EA | 2 |
| 10 | 6 | PADZZ | 5310-00-725-6833 | 80063 | SCC627885 | WASHER,PLAIN..... | EA | 4 |
| 10 | 7 | PADZZ | 5305-00-833-8615 | 96906 | MS18212-12 | SCREW,MACHINE..... | EA | 4 |
| 10 | 8 | PADZZ | 5999-00-101-4777 | 80063 | SCC599152 | CONTACT,ELECTRICAL..... | EA | 1 |
| 10 | 9 | PADZZ | 5930-00-937-2137 | 80063 | SCC607138 | SWITCH,ELECTRICAL..... | EA | 1 |
| 10 | 10 | PADZZ | 5940-00-011-5832 | 80063 | SC-C-627880 | TERMINAL,FEEDTHRU,I..... | EA | 1 |
| 10 | 11 | PADZZ | 5855-00-010-1768 | 80063 | SCD599151 | HOUSING,POWER SUPPL..... | EA | 1 |



NOTE : USED ON AN/TVS-4

ELIHFO12

Figure 11. Image Intensifier Assembly (Sheet 1 of 2).



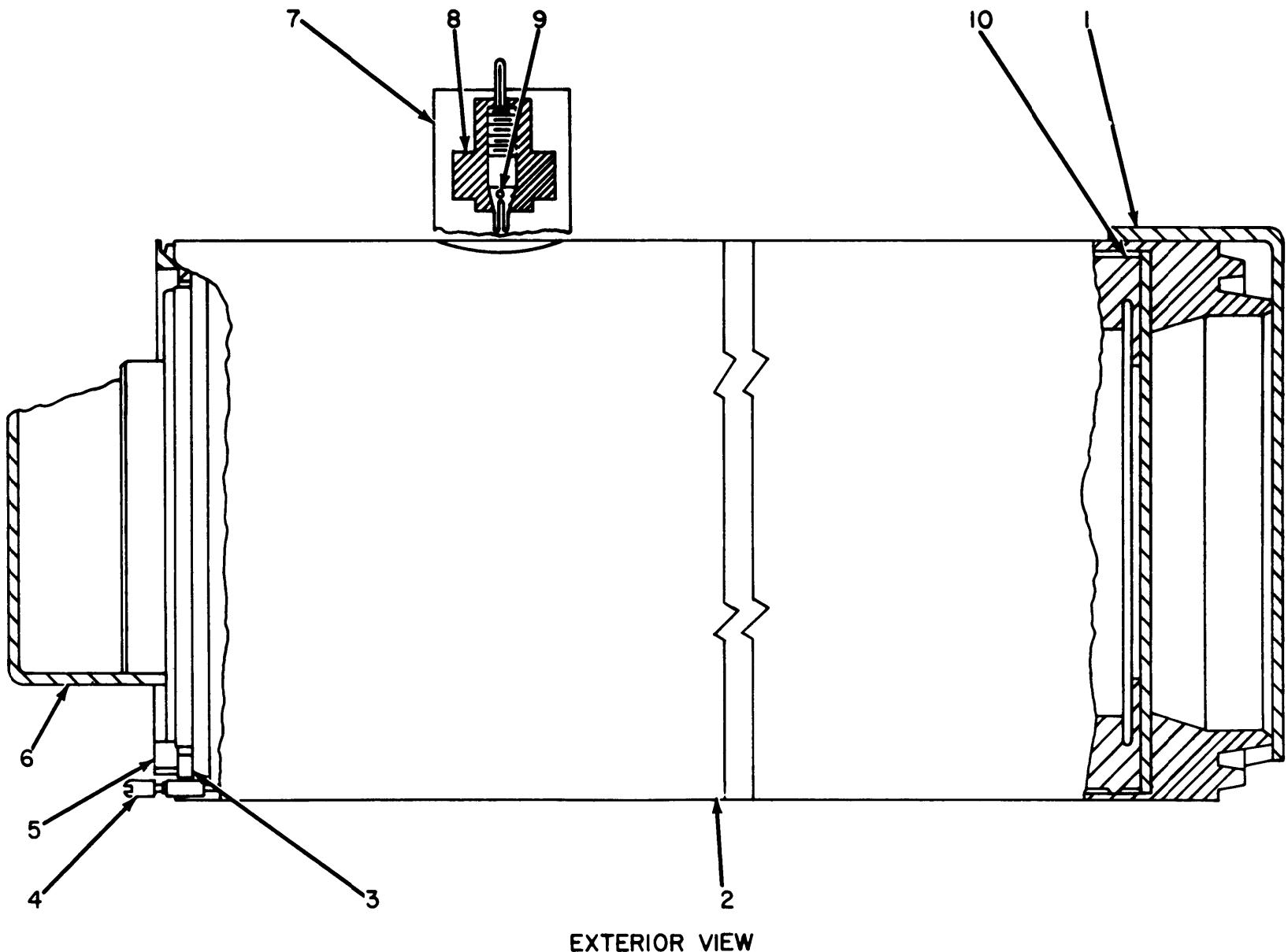
NOTE:
USED ON AN/TVS-4.

ELIHFO13

Figure 11. Image Intensifier Assembly (Sheet 2 of 2).

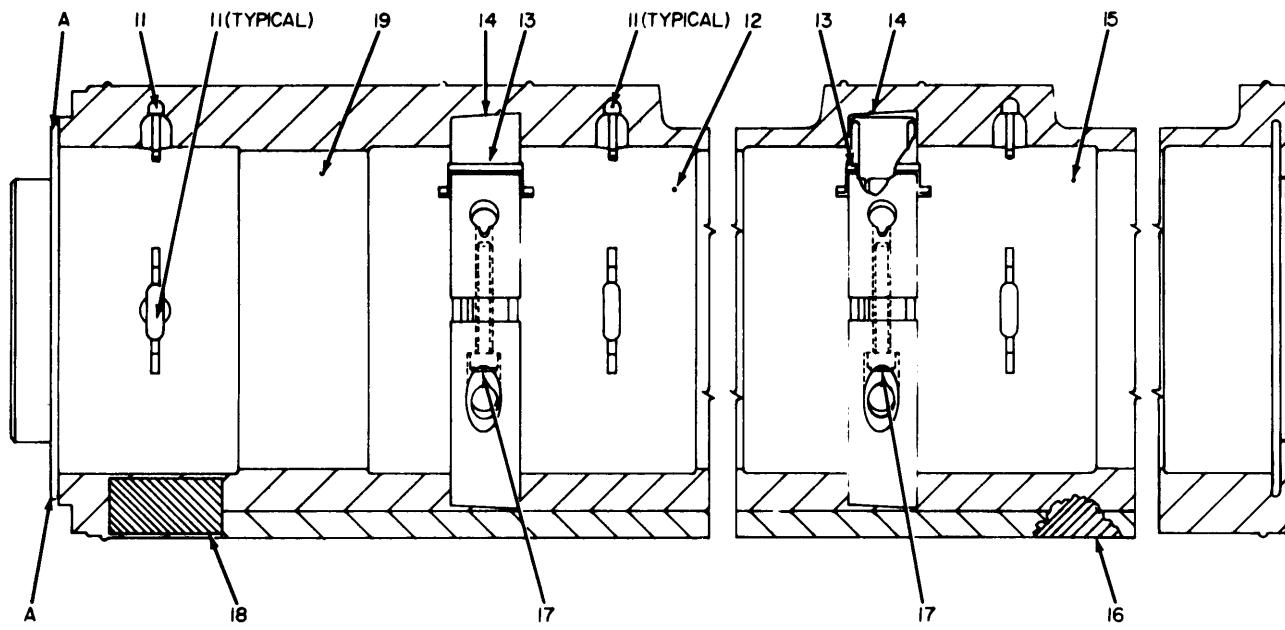
| (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) DESCRIPTION | | (7) | (8) |
|---------------------------------------|--------------------|-------------|-----------------------------|-------|----------------|--------------------------|-----|-------------------------|--------------------------|
| (a) FIG NO. | (b) ITEM NO. | SMR CODE | NATIONAL STOCK NUMBER | FSCM | PART NUMBER | USABLE ON CODE | | QTY INC IN U/M | QTY INC IN UNIT |
| GROUP 0302 IMAGE INTENSIFIER ASSEMBLY | | | | | | | | | |
| 11 | 1 | PADZZ | 5855-00-832-7290 | 80063 | SCD611630 | HOUSING ASSEMBLY IM..... | ATT | EA | 1 |
| 11 | 2 | PADZZ | 5855-00-832-7316 | 80063 | SCD611742-4 | CAP,PROTECTIVE..... | ATT | EA | 1 |
| 11 | 3 | PADZZ | 5855-00-832-7292 | 80063 | SCD611626 | RING,SPACER..... | ATT | EA | 1 |
| 11 | 4 | PADZZ | 5855-00-832-7293 | 80063 | SCC611625 | RING RETAINER..... | ATT | EA | 1 |
| 11 | 5 | PADZZ | 5855-00-832-7288 | 80063 | SCC611627 | PIN,LOCATING..... | ATT | EA | 1 |
| 11 | 6 | PADZZ | 5855-00-832-7315 | 80063 | SCB611742-3 | CAP,SMALL..... | ATT | EA | 1 |
| 11 | 7 | XDDZZ | | 80063 | SCC611729 | SHIM..... | ATT | EA | 1 |
| 11 | 8 | PADZZ | 5855-00-937-5329 | 80063 | SCC611733 | PIN,INPUT..... | ATT | EA | 1 |
| 11 | 9 | XDDDD | | 80063 | SCD611629 | IMAGE INTENSIFIER..... | ATT | EA | 1 |
| 11 | 10 | PADZZ | 5935-00-809-8701 | 80063 | SCD611734 | CONNECTOR ASSEMBLY..... | ATT | EA | 1 |
| 11 | 11 | XDDZZ | | 80063 | SCB611727 | CAPACITOR SELECT..... | ATT | EA | 1 |
| 11 | 11 | XDDZZ | | 80063 | SCD611727-5 | CAPACITOR SELECT..... | ATT | EA | 1 |
| 11 | 11 | XDDZZ | | 80063 | SCB611929-6 | CAPACITOR SELECT..... | ATT | EA | 1 |
| 11 | 11 | XDDZZ | 5910-00-832-6897 | 80063 | SCB611727-7 | CAPACITOR,FIXED,MIC..... | ATT | EA | 1 |
| 11 | 11 | XDDZZ | | 80063 | SCB611727-8 | CAPACITOR,FIXED,MIC..... | ATT | EA | 1 |
| 11 | 11 | XDDZZ | | 80063 | SCB611727-1 | CAPACITOR,FIXED,MIC..... | ATT | EA | 1 |
| 11 | 11 | XDDZZ | 5910-00-832-6892 | 80063 | SCB611727-2 | CAPACITOR,FIXED,MIC..... | ATT | EA | 1 |
| 11 | 11 | XDDZZ | | 80063 | SCB611727-3 | CAPACITOR SELECT..... | ATT | EA | 1 |
| 11 | 12 | PADZZ | 5855-00-832-7291 | 80063 | SCD611632 | MULTIPLIER HIGH VOL..... | ATT | EA | 1 |
| 11 | 13 | PADZD | 5855-00-832-7284 | 80063 | SCC611635-2 | IMAGE INTENSIFIER M..... | ATT | EA | 1 |
| 11 | 14 | PADZZ | 5855-00-937-5319 | 80063 | SCB611746 | CAP,TIPOFF..... | ATT | EA | 9 |
| 11 | 15 | PADZZ | 5855-00-832-7285 | 80063 | SCC611636 | RING,COUPLING..... | ATT | EA | 2 |
| 11 | 16 | PADZZ | 5855-00-237-4088 | 72136 | P512188 | RING ALIGNMENT..... | ATT | EA | 2 |
| 11 | 17 | PADDD | 5855-00-179-8200 | 80063 | SCC611635-3 | MODULE NO 3..... | ATT | EA | 1 |
| 11 | 18 | PADDD | 5855-00-832-7223 | 80063 | SCC611635-1 | IMAGE INTENSIFIER M..... | ATT | EA | 1 |

29 / (30 BLANK)

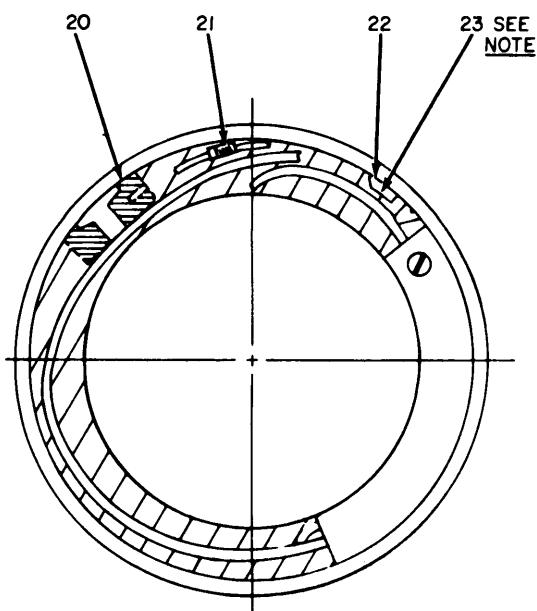


ELIHFO14

Figure 12. Image Intensifier Assembly, Used On AN/TVS-4A, (Sheet 1 of 2).



INTERIOR CUTAWAY VIEW



NOTE: CAPACITOR (ITEM 23) IS OPTIONAL AND SHALL BE USED IF REQUIRED IN ORDER TO MEET SPECIFICATION PERFORMANCE REQUIREMENTS FOR THE IMAGE INTENSIFIER. IF THE CAPACITOR IS USED IT SHALL BE LOCATED IN THE INDICATED AREA.

ELIHF015

Figure 12. Image Intensifier Assembly, Used On AN/TVS-4A, (Sheet 2 of 2).

| (1) ILLUSTRATION | SECTION II | | (4) FSCM | (5) PART NUMBER | (6) DESCRIPTION | (7) U/M | (8) QTY INC IN UNIT |
|---------------------|------------------|-------------------|-------------|-----------------------------|--------------------|------------|---------------------------------|
| | (a) FIG NO | (b) ITEM NO | SMR CODE | NATIONAL STOCK NUMBER | USABLE ON CODE | | |
| 12 1 PADZZ | 5855-00-832-7316 | 80063 | SCB611742-4 | CAP,LARGE..... | .5EA | EA | 1 |
| 12 2 XDDDL | 5855-00-093-5845 | 80063 | SCD611679 | HOUSING,IMAGE INTEN..... | .5EA | EA | 1 |
| 12 3 PADZZ | 5855-00-832-7292 | 80063 | SCB611626 | SPACER..... | .5EA | EA | 1 |
| 12 4 PADZZ | 5855-00-832-7288 | 80063 | SCB611627 | PIN..... | .5EA | EA | 1 |
| 12 5 PADZZ | 5855-00-832-7293 | 80063 | SCC611625 | RING RETAINER..... | .5EA | EA | 1 |
| 12 6 PADZZ | 5855-00-832-7315 | 80063 | SCB611742-3 | CAP,SMALL..... | .5EA | EA | 1 |
| 12 7 PADZZ | 5855-00-451-5226 | 80063 | SCC611787 | ADAPTER ASSEMBLY..... | .5EA | EA | 1 |
| 12 8 XDDZZ | | 80063 | SCC611784 | AUTOMATIC..... | .5EA | EA | 1 |
| 12 9 XDDZZ | | 80063 | SCC611785 | DIRECT CURRENT..... | .5EA | EA | 1 |
| 12 10 XDDDL | | 80063 | SCD611701 | IMAGE INTENSIFIER..... | .5EA | EA | 1 |
| 12 11 PADZZ | 5855-00-937-5319 | 80063 | SCB611746 | CAP,TIPOFF..... | .5EA | EA | 9 |
| 12 12 PADZD | 5855-00-832-7284 | 80063 | SCC611635-2 | IMAGE INTENSIFIER M..... | .5EA | EA | 1 |
| 12 13 XDDZZ | | 80063 | SCB611747 | TAB,CONDUCTOR..... | .5EA | EA | 2 |
| 12 14 XDDZZ | | 80063 | SCC611636 | RING,COUPLING..... | .5EA | EA | 2 |
| 12 15 PADZD | 5855-00-179-8200 | 80063 | SCC611635-3 | MODULE NO 3..... | .5EA | EA | 1 |
| 12 16 XDDZZ | 5855-00-092-4349 | 80063 | SCD611684 | MULTIPLIER,VOLTAGE..... | .5EA | EA | 1 |
| 12 17 XDDZZ | | 80063 | 10 | SCREW,NYLON SOCKET..... | .5EA | EA | 2 |
| 12 18 XDDDL | 5855-00-174-3479 | 80063 | SCD611682 | OSCILLATOR,AUTOMATI..... | .5EA | EA | 1 |
| 12 19 PADD | 5855-00-832-7223 | 80063 | SCC611635-1 | IMAGE INTENSIFIER M..... | .5EA | EA | 1 |
| 12 20 XDDZZ | 5995-00-229-5174 | 80063 | SCC611779 | LEAD,ELECTRICAL..... | .5EA | EA | 1 |
| 12 21 XDDZZ | | 80063 | SCB611792 | SPLICER,WIRE..... | .5EA | EA | 1 |
| 12 22 XDDZZ | | 80063 | CLASS2 | SLEEVING..... | .5EA | EA | 1 |
| 12 23 XDDZZ | | 80063 | SCB611727 | CAPACITOR..... | .5EA | EA | 1 |

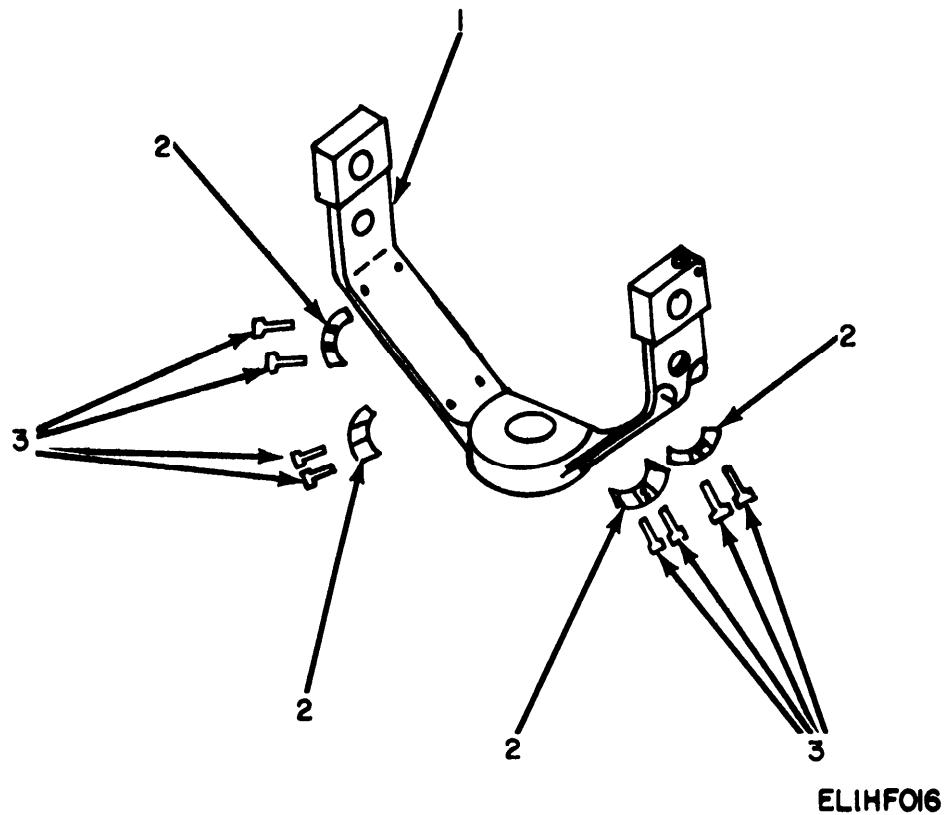


Figure 13. Yoke Assembly.

SECTION II

IN 11-5835-237-23P

| (1) ILLUSTRATION | (2) SMR CODE | (3) NATIONAL STOCK NUMBER | (4) FSCM | (5) PART NUMBER | (6) DESCRIPTION | (7) | (8) QTY INC IN UNIT |
|---------------------|--------------------|------------------------------------|-------------|-----------------------|--------------------------|----------------|---------------------------------|
| | | | | | | USABLE ON CODE | |
| | | | | | GROUP 0303 YOKE ASSEMBLY | | |
| 13 | 1 XDFZZ | | 80063 | SCD627776-1 | YOKE..... | EA | 1 |
| 13 | 2 PAFZZ | 5340-00-487-4131 | 80063 | SCC627842 | CLIP,SPRING TENSIO..... | EA | 4 |
| 13 | 3 PAFZZ | 5305-00-253-5603 | 96906 | MS21318-1 | SCREW,DRIVE..... | EA | 8 |

NOTE: LATEST PART NUMBER ASSIGNMENTS ARE INCLUDED AT END OF INDEX.

| STOCK NUMBER | FIGURE N o . | ITEM NO. | STOCK NUMBER | FIGURE N O. | ITEM NO. |
|-------------------------------|-----------------|-------------|---------------------------------|----------------|-------------|
| 5999-00-010-1714 | 10 | 5 | 5 8 5 5 - 0 0 - 8 3 2 - 7 2 8 4 | 12 | 12 |
| 5855-00-010-1767 | 9 | 9 | 5855-00-832-7285 | 11 | 15 |
| 5855-00-010-1768 | 10 | 11 | 5855-00-832-7288 | A1 | 5 |
| 5855-00-010-4735 | 1 | 3 | 5855-00-832-7288 | 12 | 4 |
| 5999-00-010-4777 | 10 | 8 | 5855-00-832-7290 | ii | i |
| 5855-00-010-5046 | 7 | 2 | 5855-00-832-7291 | 11 | 12 |
| 5855-00-010-5154 | 7 | 12 | 5855-00-832-7292 | ii | 3 |
| 5855-00-010-5156 | 1 | 22 | 5855-00-832-7292 | 12 | 3 |
| 5855-00-010-5159 | 7 | 10 | 5855-00-832-7293 | 11 | 4 |
| 5855-00-010-5160 | 7 | 6 | 5855-00-832-7293 | 12 | 5 |
| 5855-00-010-5162 | 1 | 7 | 5855-00-832-7315 | ii | 6 |
| 5855-00-010-5184 | 7 | 5 | 5855-00-832-7315 | 12 | b |
| 5855-00-010-5187 | 7 | 3 | 5855-00-832-7316 | 11 | 2 |
| 5855-00-010-5195 | 7 | 15 | 5855-00-832-7316 | 12 | 1 |
| 5855-00-010-5196 | 7 | 13 | 5305-00-833-8615 | 10 | 7 |
| 5855-00-010-5227 | 1 | 14 | 5305-00-833-8631 | 1 | 18 |
| 5855-00-010-5228 | 7 | 1b | 5315-00-847-3735 | 8 | 4 |
| 5855-00-010-5231 | 7 | 19 | 5330-00-851-8695 | 1 | 1 |
| 5305-00-010-7645 | 1 | 11 | 5855-00-879-0193 | 7 | 8 |
| 5940-00-011-5632 | 10 | L0 | 5855-00-879-0546 | 4 | 7 |
| 5855-00-053-3142 | 1 | 2 | 5305-00-880-9579 | 9 | 2 6 |
| 6140-00-091-9126 | 10 | 4 | 5330-00-883-2982 | 4 | 11 |
| 5855-00-092-4349 | 12 | 1b | 5330-00-883-2982 | 9 | 19 |
| 5855-00-093-5845 | 12 | 2 | 5855-00-904-0684 | 9 | 17 |
| 1270-00-126-6512 | 7 | 20 | 5855-00-904-9463 | 5 | 3 |
| 1270-00-126-6517 | 7 | 21 | 5855-00-904-9464 | 5 | 11 |
| 5855-00-131-6338 | 9 | 21 | 5 6 5 5 - 0 - 9 0 4 - 9 4 6 6 | 4 | 1 |
| 5855-00-138-2346 | 4 | 10 | 5855-00-904-9469 | 9 | 2 3 |
| 5855-00-138-2347 | 6 | 3 | 5855-00-904-9473 | 9 | 2 4 |
| 5305-00-139-4941 | 7 | 9 | 5855-00-904-9485 | 5 | 13 |
| 5 3 0 5 - 0 - 1 4 5 - 0 7 1 3 | 5 | 14 | 5855-00-904-9487 | 5 | 6 |
| 5855-00-147-2508 | 9 | 20 | 5855-00-904-9494 | 5 | 10 |
| 5855-00-149-0766 | 1 | 7 | 5855-00-904-9572 | 9 | 27 |
| 5 3 4 0 - 0 - 1 5 2 - 0 6 6 2 | 3 | 2 | 5355-00-904-9578 | 5 | 1 |
| 5 3 1 0 - 0 - 1 5 8 - 5 2 5 9 | 4 | 6 | 5355-00-904-9578 | 9 | 15 |
| 6230-00-171-3362 | 1 | 9 | 5855-00-908-9234 | 9 | 4 |
| 5855-00-174-3479 | 12 | 18 | 5855-00-908-9281 | 5 | 15 |
| 5310-00-177-1301 | i | 15 | 5855-00-908-9282 | 5 | 7 |
| 5305-00-177-5580 | 4 | 4 | 5855-00-908-9314 | 9 | 2 0 |
| 5855-00-179-8200 | 11 | 17 | 5365-00-910-9516 | 5 | 2 |
| 5855-00-179-8200 | 12 | 15 | 5340-00-910-9610 | 9 | 1 |
| 5995-00-229-5174 | 12 | 20 | 5330-00-914-5916 | 9 | 18 |
| 5 3 0 5 - 0 - 2 3 0 - 2 0 5 6 | 9 | 3 | 5330-00-926-4075 | 4 | 2 |
| 5 8 5 5 - 0 - 2 3 1 - 7 7 9 0 | 3 | 9 | 5855-00-930-8827 | 9 | 12 |
| 5855-00-237-4088 | 11 | 16 | 5355-00-933-3257 | 0 | 13 |
| 5 3 0 5 - 0 - 2 4 2 - 7 2 7 5 | 9 | 11 | 5930-00-937-2137 | 10 | 9 |
| 5305-00-253-5603 | 13 | 3 | 5855-00-937-2184 | 6 | 5 |
| 5 3 0 5 - 0 - 2 5 3 - 5 6 0 4 | 9 | 10 | 5855-00-937-2185 | 6 | 6 |
| 5305-00-253-5608 | 9 | 14 | 5855-00-937-2186 | 6 | 1 |
| 5855-00-256-5562 | 3 | 5 | 5855-00-937-2187 | 1 | 6 |
| 5340-00-290-4518 | 8 | 2 | 5855-00-937-2188 | 1 | 8 |
| 8020-00-409-3000 | 1 | 5 | 5325-00-937-2288 | 9 | 7 |
| 5310-00-433-3599 | 2 | 23 | 5355-00-937-2289 | 9 | 6 |
| 5305-00-445-8771 | 4 | 8 | 5855-00-937-2327 | 4 | 3 |
| 5855-00-451-5226 | i i | i | 5305-00-937-2623 | 8 | 3 |
| 5855-00-451-6155 | 1 | 1 | 5305-00-937-2624 | 5 | 4 |
| 5340-00-487-4131 | 13 | 2 | 5 3 0 5 - 0 - 9 3 7 - 2 6 2 4 | 9 | 2 |
| 5315-00-531-7880 | 9 | 8 | 5855-00-937-2713 | 9 | 5 |
| 5330-00-551-6252 | 10 | 2 | 5 8 5 5 - 0 - 9 3 7 - 4 0 7 4 | 8 | 5 |
| 5 3 3 0 - 0 - 5 6 5 - 7 8 6 4 | 7 | 17 | 5855-00-937-5319 | 11 | 14 |
| 6640-00-597-6745 | 1 | 4 | 5855-00-937-5319 | 12 | 11 |
| 5310-00-637-1841 | 9 | 25 | 5855-00-937-5329 | 11 | 8 |
| 5 3 0 5 - 0 - 6 5 5 - 9 2 4 6 | 9 | 22 | 5330-00-940-9475 | 2 | 10 |
| 5310-00-687-5934 | 4 | 5 | 5 3 6 0 - 0 - 9 4 1 - 5 0 5 9 | 10 | 3 |
| 5310-00-725-6833 | 10 | 6 | 5330-00-941-9444 | 2 | 13 |
| 5305-00-738-0624 | 2 | 8 | 5305-00-988-7609 | 2 | 26 |
| 4820-00-759-1606 | 6 | 2 | 5855-01-061-6883 | 2 | 14 |
| 5 6 5 5 - 0 - 7 7 9 - 2 6 4 6 | 10 | 1 | 5855-01-061-6884 | 2 | 2 |
| 5935-00-809-8701 | 11 | 10 | 5855-01-061-6885 | 2 | 12 |
| 5910-00-832-6892 | 11 | 11 | 5855-01-061-6887 | 2 | 6 |
| 5910-00-832-6897 | 11 | 11 | 5855-01-061-6888 | 2 | 3 |
| 5855-00-832-7223 | 11 | 18 | 5855-01-061-6889 | 2 | 4 |
| 5855-00-832-7223 | 12 | 19 | 5340-01-062-6746 | 2 | 11 |
| 5855-00-832-7284 | 11 | 13 | 5340-01-062-6747 | 2 | 5 |

By Order of the Secretary of the Army:

E. C. MEYER
General, United States Army
Chief of Staff

Official:

J. C. PENNINGTON
Major General, United States Army
The Adjutant General

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| (1 copy each unit) | 37-100 |
| 6-155 | 57 |
| 6-165 | 67 |

NC: STATE AC (3): Units — Same as Active Army except for one per unit.

USAR: None

For explanation of abbreviations used, see AR 310-50.

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Stateside, N.J. 07703

DATE SENT
10 July 1975

PUBLICATION NUMBER
TM 11-5840-340-20P

PUBLICATION DATE
23 Jan 78

PUBLICATION TITLE
Radar Set AN/PRC-76

BE EXACT PIN-POINT WHERE IT IS

IN THIS SPACE TELL WHAT IS WRONG
AND WHAT SHOULD BE DONE ABOUT IT:

33 For item 2, change the NSN to read: 5835-00-134-9186.
Reason: Accuracy.

44 Identify the cover on the junction box (item no. 5).
Reason: It is a separate item and is not called out on figure 19.

45 Add the cover of the junction box as an item in the listing for figure 19.
Reason: Same as above

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PUBLICATION NUMBER

TM 11-5855-237-23P

PUBLICATION DATE

3 Jun 81

PUBLICATION TITLE Night Vision Sights,
Tripod Mounted AN/TVS-4 and
AN/TVS-4A

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THE METRIC SYSTEM AND EQUIVALENTS

WEAR MEASURE

Centimeter = 10 Millimeters = 0.01 Meters = 0.3937 Inches
 1 Meter = 100 Centimeters = 1000 Millimeters = 39.37 Inches
 1 Kilometer = 1000 Meters = 0.621 Miles

WEIGHTS

Gram = 0.001 Kilograms = 1000 Milligrams = 0.035 Ounces
 1 Kilogram = 1000 Grams = 2.2 lb.
 1 Metric Ton = 1000 Kilograms = 1 Megagram = 1.1 Short Tons

LIQUID MEASURE

1 Milliliter = 0.001 Liters = 0.0338 Fluid Ounces
 1 Liter = 1000 Milliliters = 33.82 Fluid Ounces

SQUARE MEASURE

1 Sq. Centimeter = 100 Sq. Millimeters = 0.155 Sq. Inches
 1 Sq. Meter = 10,000 Sq. Centimeters = 10.76 Sq. Feet
 1 Sq. Kilometer = 1,000,000 Sq. Meters = 0.386 Sq. Miles

CUBIC MEASURE

1 Cu. Centimeter = 1000 Cu. Millimeters = 0.06 Cu. Inches
 1 Cu. Meter = 1,000,000 Cu. Centimeters = 35.31 Cu. Feet

TEMPERATURE

$5/9(F - 32) = ^\circ C$
 212° Fahrenheit is equivalent to 100° Celsius

90° Fahrenheit is equivalent to 32.2° Celsius

32° Fahrenheit is equivalent to 0° Celsius

$9/5C + 32 = ^\circ F$

APPROXIMATE CONVERSION FACTORS

TO CHANGE

Inches.....
 Feet.....
 Yards.....
 Miles.....
 Square Inches.....
 Square Feet.....
 Square Yards.....
 Square Miles.....
 Acres.....
 Cubic Feet.....
 Cubic Yards.....
 Fluid Ounces.....
 nts.....
 arts.....
 allons.....
 Ounces.....
 Pounds.....
 Short Tons.....
 Pound-Feet.....
 Pounds per Square Inch.....
 Miles per Gallon.....
 Miles per Hour.....

TO

Centimeters.....
 Meters.....
 Meters.....
 Kilometers.....
 Square Centimeters.....
 Square Meters.....
 Square Meters.....
 Square Kilometers.....
 Square Hectometers.....
 Cubic Meters.....
 Cubic Meters.....
 Milliliters.....
 Liters.....
 Liters.....
 Liters.....
 Grams.....
 Kilograms.....
 Metric Tons.....
 Newton-Meters.....
 Kilopascals.....
 Kilometers per Liter.....
 Kilometers per Hour.....

MULTIPLY BY

2.540
 0.305
 0.914
 1.609
 6.451
 0.093
 0.836
 2.590
 0.405
 0.028
 0.765
 29.573
 0.473
 0.946
 3.785
 28.349
 0.454
 0.907
 1.356
 6.895
 0.425
 1.609

TO CHANGE

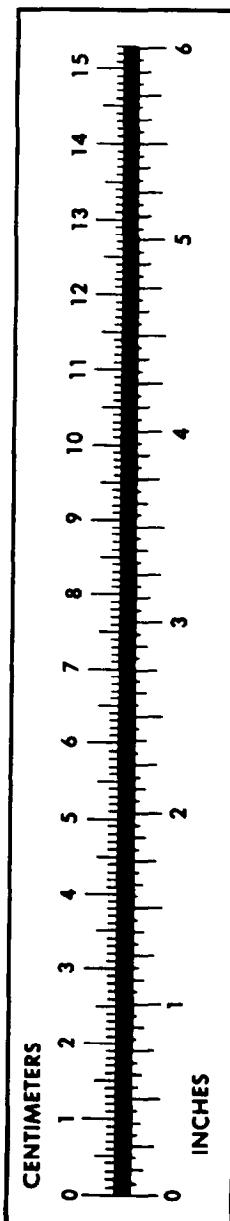
Centimeters.....
 Meters.....
 Meters.....
 Kilometers.....
 Square Centimeters.....
 Square Meters.....
 Square Meters.....
 Square Kilometers.....
 Square Hectometers.....
 Cubic Meters.....
 Cubic Meters.....
 Milliliters.....
 Liters.....
 Liters.....
 ers.....
 ms.....
 ograms.....
 Metric Tons.....
 Newton-Meters.....
 Kilopascals.....
 Kilometers per Liter.....
 Kilometers per Hour.....

TO

Inches.....
 Feet.....
 Yards.....
 Miles.....
 Square Inches.....
 Square Feet.....
 Square Yards.....
 Square Miles.....
 Acres.....
 Cubic Feet.....
 Cubic Yards.....
 Fluid Ounces.....
 Pints.....
 Quarts.....
 Gallons.....
 Ounces.....
 Pounds.....
 Short Tons.....
 Pounds-Feet.....
 Pounds per Square Inch.....
 Miles per Gallon.....
 Miles per Hour.....

MULTIPLY BY

0.394
 3.280
 1.094
 0.621
 0.155
 10.764
 1.196
 0.386
 2.471
 35.315
 1.308
 0.034
 2.113
 1.057
 0.264
 0.035
 2.205
 1.102
 0.738
 0.145
 2.354
 0.621



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