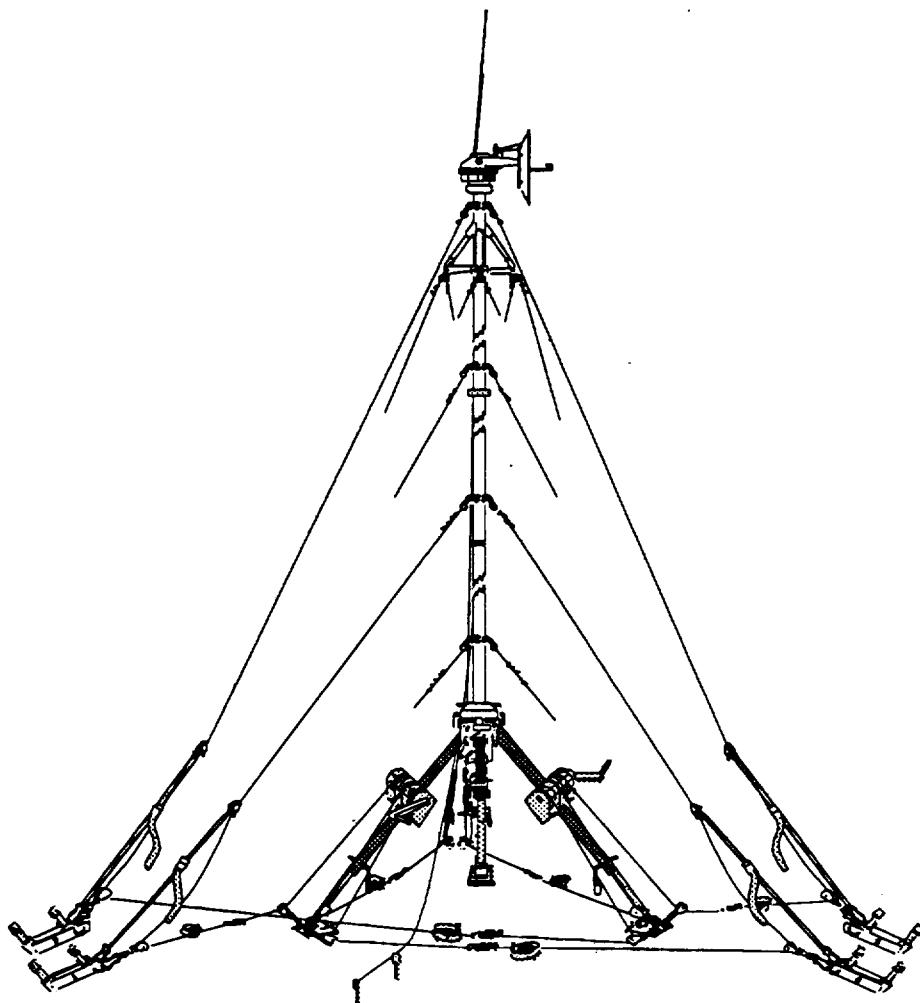


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**Technical Manual  
UNIT AND DIRECT SUPPORT MAINTENANCE  
REPAIR PARTS AND SPECIAL TOOLS LIST**



**MAST  
AB-1373/TRC  
(NSN 5985-01-333-9687) (EIC: N/A)**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**

**15 MAY 1993**

**UNIT AND DIRECT SUPPORT MAINTENANCE  
REPAIR PARTS AND SPECIAL TOOLS LIST  
FOR  
MAST AB-1373/TRC  
(NSN 5985-01-333-9687) (EIC: N/A)**

Current as of 15 May 1993

**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, U.S. Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL-LC-LM-LT, Fort Monmouth, New Jersey 07703-5007. A reply will be furnished to you.

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## SECTION I INTRODUCTION

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### 1. SCOPE

This RPSTL lists and authorizes spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE); and other special support equipment required for the performance of organizational and direct support maintenance of the Mast. It authorizes the requisitioning, issue, and disposition of spares, repair parts and special tools as indicated by the source, maintenance, and recoverability (SMR) 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 by this RPSTL for use in the performance of maintenance. This list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending item number sequence, with the parts in each group listed in ascending item number sequence. Figure numbers are listed directly beneath the group header. Bulk materials are listed in item name sequence. Repair part kits are listed separately in their own functional group within Section II. Repair parts for reparable special tools are also listed in this section. Items listed are shown on the associated illustration.

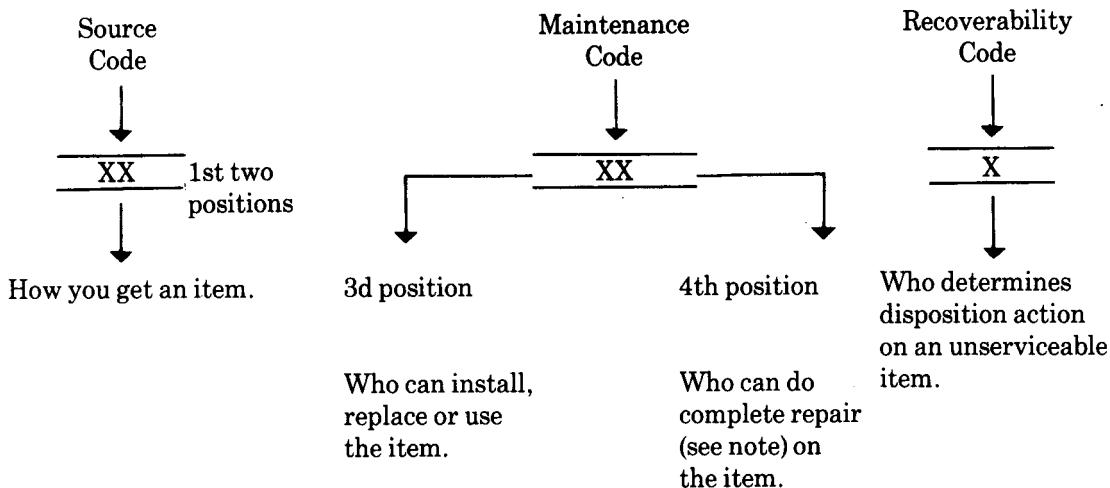
b. *Section III. Special Tools List.* A list of special tools, special TMDE, and other special support equipment authorized by this RPSTL as indicated by Basis of Issue (BOI) information in (column (5)) for the performance of maintenance.

c. *Section IV Cross-Reference Indexes.* A list, in National item identification number (NIN) sequence, of all National stock numbered items appearing in the listing, 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. The figure number and item number index lists figure and item numbers in numeric sequence and cross-references National stock number, Commercial and Government Entity Code, and part numbers.

### 3. EXPLANATION OF COLUMNS (Section II and III)

a. *Item No. (Column (1)).* Indicates the number used to identify items called out in the illustrations.

b. *SMR Code (Column (2)).* The source, maintenance, and recoverability (SMR) code is a five-position code containing supply/requisitioning information, maintenance category authorization criteria and disposition instruction, as shown in the following breakout:



**NOTE**

Complete repair: Maintenance capacity, capability, and authority to perform all corrective maintenance tasks of the "repair" function in a use/user environment in order to restore serviceability to a failed item.

(1) Source code. The source code tells you how to get an item needed for maintenance, repair, or overhaul of an end item/equipment. Explanations of source codes follows:

**Code****Explanation**

PA  
PB  
PC  
PD  
PE  
PF  
PG

Stocked items: use the applicable NSN to request/requisition items with these source codes. They are authorized to the level indicated by the code entered in the third position of the SMR code.

**NOTE**

Items coded PC are subject to deterioration.

KD  
KF  
KB

Items with these codes are not to be requested/requisitioned individually. They are part of a kit which is authorized to the maintenance category indicated in the third position of the SMR code. The complete kit must be requisitioned and applied.

MO—Made at org/  
AVUM category  
MF—Made at DS/  
AVUM category  
MH—Made at GS/  
category  
ML—Made at/  
Specialized/  
Repair Activity/  
(SRA)  
MD—Made at Depot

Items with these codes are not to be requested/requisitioned individually. They must be made from bulk material which is identified by the part number in the description and usable on code (UOC) column and listed in the Bulk Material group of the repair parts list. If the item is authorized to you by the third position code of the SMR code, but the source code indicates it is made at a higher category, order the item from the higher category of Made at Depot maintenance.

AO—Assembled by/  
org/AVUM/  
category  
AF—Assembled by/  
DS/AVUM/  
category  
AH—Assembled by/  
GS category  
AL—Assembled by/  
SRA  
AD—Assembled by/  
Depot

Items with these codes are not to be requested/requisitioned individually. The parts that make up the assembled item must be requisitioned or fabricated and assembled at the category of maintenance indicated by the source code. If the third position code of the SMR code authorizes you to replace the item, but the category source code indicates the item is assembled at a higher category, Assembled by SRA order the item from the higher category of maintenance. Assembled by Depot

**Code****Explanation**

- XA - Do not requisition an "XA" coded item. Order its next higher assembly.
- XB - If an "XB" item is not available from salvage, order it using the CAGEC and part number given.
- XC - Installation drawing, diagram, instruction sheet, field service drawing, that is identified by manufacturer's part number.
- XD - Item is not stocked. Order an "XD" coded item through normal supply channels using the CAGEC and part number given, if no NSN is available.

**NOTE**

Cannibalization or controlled exchange, when authorized, may be used as a source of supply for items with the above source codes, except for those source coded "XA" or those aircraft support items restricted by requirements of AR 750-1.

(2) Maintenance code. Maintenance codes tell you the category of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the SMR code as follows:

(a) The maintenance code entered in the third position tells you the lowest maintenance category authorized to remove, replace, and use an item. The maintenance code entered in the third position will indicate authorization to one of the following categories of maintenance.

**Code****Application/Explanation**

- C - Crew or operator maintenance done within organizational or aviation maintenance.
- O - Organizational or aviation unit category can remove, replace, and use the item.
- F - Direct support or aviation intermediate category can remove, replace, and use the item.
- H - General support category can remove, replace, and use the item.
- L - Specialized repair activity can remove, replace, and use the item.
- D - Depot category can remove, replace, and use the item.

(b) The maintenance code entered in the fourth position tells whether or not the item is to be repaired and identifies the lowest maintenance category with the capability to do complete repair (i.e., perform all authorized repair functions). This position will contain one of the following maintenance codes.

**NOTE**

Some limited repair may be done on the item at a lower category of maintenance, if authorized by the Maintenance Allocation Chart (MAC) and SMR codes.

**Code****Explanation**

- O - Organizational or aviation unit is the lowest category that can do complete repair of the item.
- F - Direct support or aviation intermediate is the lowest category that can do complete repair of the item.
- H - General support is the lowest category that can do complete repair of the item.
- L - Specialized repair activity (designate the specialized repair activity) is the lowest category that can do complete repair of the item.
- D - Depot is the lowest category that can do complete repair of the item.
- Z - Nonreparable. No repair is authorized.
- B - No repair is authorized. (No parts or special tools are assigned for the maintenance of a "B" coded item.) However, the item may be reconditioned by adjusting, lubricating, etc., at the user category.

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

**Recoverability****Code****Application/Explanation**

- Z - Nonreparable item. When unserviceable, condemn and dispose of the item at the category of maintenance shown in the third position of SMR code.
- O - Reparable item. When uneconomically reparable, condemn and dispose of the item at organizational or aviation unit category.

**Recoverability****Code****Application/Explanation**

- F - Reparable item. When uneconomically repairable, condemn and dispose of the item at direct support or aviation intermediate category.
- H - Reparable item. When uneconomically repairable, condemn and dispose of the item at general support category.
- D - Reparable item. When beyond lower category repair capability, return to depot. Condemnation and disposal of item not authorized below depot category.
- L - Reparable item. Condemnation and disposal not authorized below specialized repair activity (SRA).
- A - Item requires special handling or condemnation procedures because of specific reasons (e.g., precious metal content, high dollar value, critical material, or hazardous material. Refer to appropriate manuals/directives for specific instructions.

c. *CAGEC (Column (3)).* The Commercial and Government Entity Code (CAGEC) is a 5-digit numeric code which is used to identify the manufacturer, distributor, or Government agency, etc., that supplies the item.

d. *Part Number (Column (4)).* 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 you use an NSN to requisition an item, the item you receive may have a different part number from the part ordered.

e. *Description and Usable on Code (UOC) (Column (5)).* This column includes the following information.

- (1) The Federal item name and, when required, a minimum description to identify the item.
- (2) The physical security classification of the item is indicated by the parenthetical entry (insert applicable physical security classification abbreviation, e.g., Phy Sec C1 (C) - Confidential, Phy Sec C1 (S) - Secret, Phy Sec C1 (T) - Top Secret).
- (3) Items that are included in kits and sets are listed below the name of the kit or set.
- (4) Spare/repair parts that make up an assembled item are listed immediately following the assembled item line entry.
- (5) Part numbers for bulk materials are referenced in this column in the line entry for the item to be manufactured/fabricated.
- (6) When the item is not used with all serial numbers of the same model, the effective serial numbers are shown on the last line of the description (before UOC).
- (7) Usable on code, when applicable (para 5).
- (8) In the Special Tools section, the basis of issue (BOI) appears as the last line in the entry for each special tool, special TMDE, and other special support equipment. When density of equipments supported exceeds density spread indicated in the basis of issue, the total authorization is increased proportionately.
- (9) The statement "END OF FIGURE" appears just below the last item description in Column (5) for a given figure in both section II and section III.

f. *Qty (Column (6)).* Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly. A "V" appearing in this column in lieu of a quantity indicates that the quantity is variable and the quantity may vary from application to application.

#### **4. EXPLANATION OF COLUMNS (Section IV)**

a. *National Stock Number (NSN) Index.*

(1) *Stock number column.* This column lists the NSN by National item identification number (NIIN) sequence. The NIIN consists of the last nine digits of the NSN. When using this column to locate an item, ignore the first four digits of the NSN. When requisitioning items use the complete NSN (13 digits) sequence.

(2) *Fig. column.* This column lists the number of the figure where the item is identified/located. The illustrations are in numerical sequence in sections II and III.

(3) *Item column.* The item number identifies the item associated with the figure listed in the adjacent Fig. column. This item is also identified by the NSN listed on the same line.

b. *Part Number Index.* Part numbers in this index are listed by part number in ascending alphmeric sequence.

(1) *CAGEC column.* This column lists the Commercial and Government Entity Code (CAGEC).

(2) *Part number column.* This column indicates the part number assigned to the item.

(3) *Stock number column.* This column lists the National stock number for the associated part number and manufacturer identified in the part number and CAGEC columns to the left.

(4) *Fig. column.* This column lists the number of the figure where the item is identified/located in sections II and III.

(5) *Item column.* The item number is that number assigned to the item as it appears in the figure referenced in the adjacent figure number column.

c. *Figure and Item Number Index.*

(1) *Fig. column.* This column lists the number of the figure where the item is identified/located in sections II and III.

(2) *Item column.* The item number is that number assigned to the item as it appears in the figure referenced in the adjacent figure number column.

(3) *Stock number column.* This column lists the National stock number for the item.

(4) *CAGEC column.* The Commercial and Government Entity Code (CAGEC) is a 5-digit numeric code used to identify the manufacturer, distributor, or Government agency, etc., that supplies the item.

(5) *Part number column.* Indicates the primary number used by the manufacturer (individual, 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.

## 5. SPECIAL INFORMATION

a. *Usable on Code. Not applicable.*

b. *Fabrication Instructions.* Bulk materials required to manufacture items are listed in the bulk material functional group of this RPSTL. Part numbers for bulk materials are also referenced in the description column of the line item entry for the item to be manufactured/fabricated.

c. *Kits.* Line item entries for repair part kits appear in a group in section II (refer to table of contents).

d. *Index Numbers.* Items which have the word BULK in the figure column will have an index number shown in the item number column. This index number is a cross-reference between the National Stock Number/Part Number Index and the bulk material list in section II.

e. *Associated Publications.* The publications listed below pertain to the Antenna Support Group.

| <u>Publication</u> | <u>Short Title</u>             |
|--------------------|--------------------------------|
| TM 11-5820-864-12  | Radio Repeater Set AN/TRC-174  |
| TM 11-5820-865-12  | Radio Terminal Set ANfTRC-173  |
| TM 11-5820926-12   | Radio Repeater Set AN/TRC-138A |
| TM 11-5820931-12   | Radio Terminal Set AN/TRC-17   |
| TM 11-5820-1088-12 | Radio Terminal Set AN/TRC-175A |
| TM 11-5820-1089-12 | Radio Repeater Set AN/TRC-174A |
| TM 11-5820-1090-12 | Radio Terminal Set AN/TRC-173A |

| <u>Publication</u>     | <u>Short Title</u>               |
|------------------------|----------------------------------|
| TM 11-5820-1091-12     | Radio Repeater Set AN/TRC-138B   |
| TM 11-5985-392-13/-23P | Antenna Support Group OE-481/TRC |
| TM 11-5985-394-13      | Mast AB-1373/TRC                 |

*f. Illustrations - Listing.* Only those parts coded "C" or "O" in the third position of the SMR code are listed in the tabular listing; therefore, there may be a break in the item number sequence, figure number and page number. Only illustrations containing organizational or aviation unit authorized items appear in this RPSTL.

*h. National Stock Numbers.* National stock numbers (NSN's) that are missing from P source coded items have been applied for and will be added to this TM by future change/revision when they are entered in the Army Master Data File (AMDF). Until the NSN's are established and published, submit exception requisitions to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL-LC-MM, Fort Monmouth, NJ 07703-5007 for the part required to support your equipment.

## 6. HOW TO LOCATE REPAIR PARTS

*a. When National stock number or part number is not known.*

(1) *First.* Using the table of contents, determine the assembly group or subassembly group to which the item belongs. This is necessary since figures are prepared for assembly groups and subassembly groups, and listings are divided into the same groups.

(2) *Second.* Find the figure covering the assembly group or subassembly group to which the item belongs.

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

(4) *Fourth.* Refer to the Repair Parts Lists for the figure to find the part number for the item number noted on the figure.

(5) *Fifth.* Refer to the Part Number Index to find the NSN, if assigned.

*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. The NSN index is in National item identification number (NIIN) sequence (para 4a(1)). The part numbers in the part number index are listed in ascending alphabetic sequence (para 4b). Both indexes cross-reference you to the illustration figure and item number of the item you are looking for.

(2) *Second.* After finding the figure and item number, verify that the item is the one you're looking for, then locate the item number in the repair parts list for the figure.

## 7. ABBREVIATIONS

Not applicable.

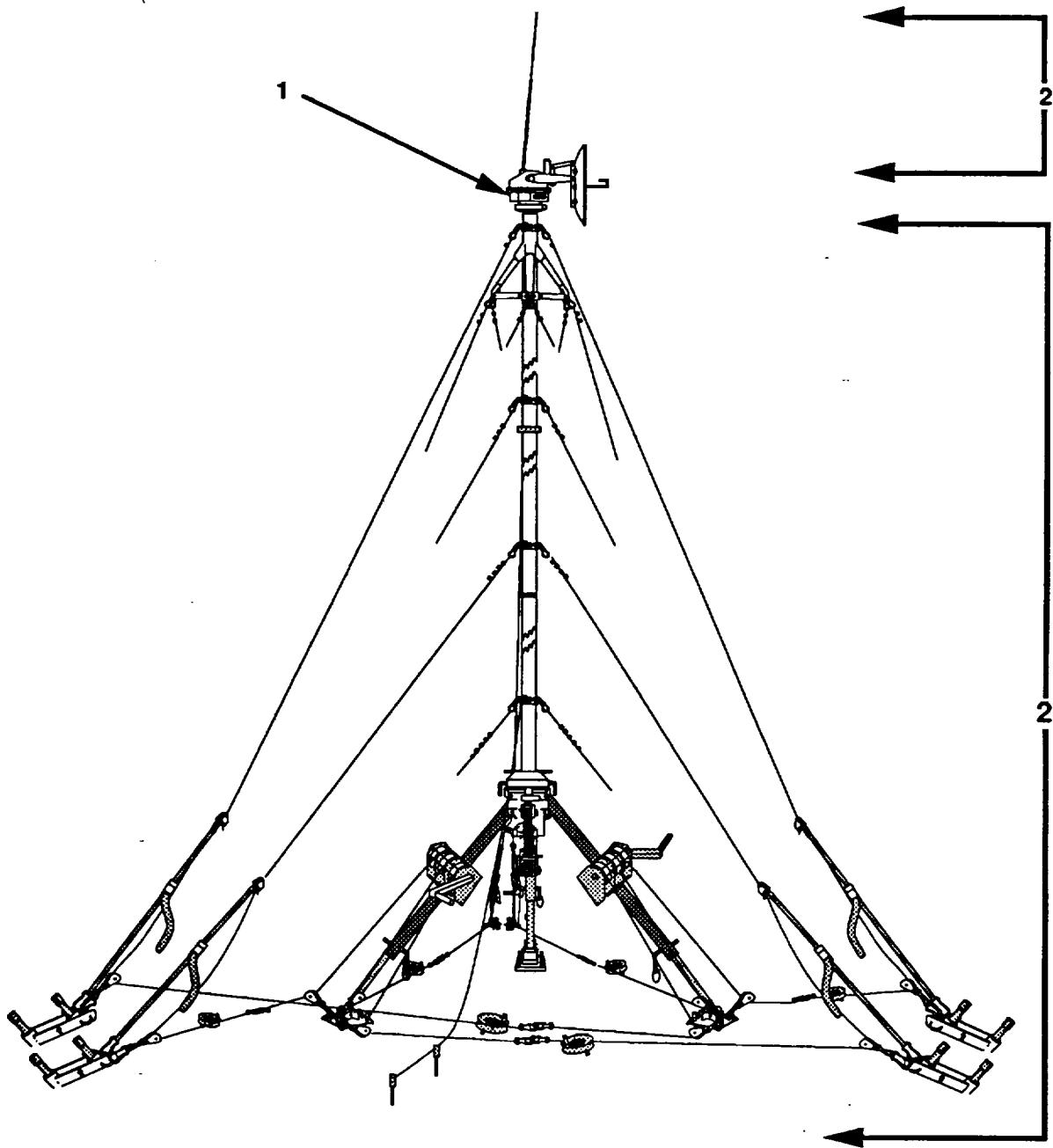


Figure 1. Mast AB-1373/TRC

**SECTION II****TM 11-5985-394-23P**

| (1)<br>ITEM<br>NO         | (2)<br>SMR<br>CODE | (3)<br>CAGEC | (4)<br>PART<br>NUMBER | (5)<br>DESCRIPTION AND USABLE ON CODES (UOC)           | (6)<br>QTY |
|---------------------------|--------------------|--------------|-----------------------|--|------------|
| GROUP 00 MAST AB-1373/TRC |                    |              |                       |  |            |
| FIGURE 1                  |                    |              |                       |  |            |
| 1                         | XB0FF              | 80063        | A3157300-001          | POSITIONER SYSTEM (SEE FIGURE 10<br>FOR DETAILS) ..... | 1          |
| 2                         | XB0FF              | 80063        | A3156801-001          | MAST ASSEMBLY (SEE FIGURE 2 FOR<br>DETAILS) .....      | 1          |

END OF FIGURE

**1-1**

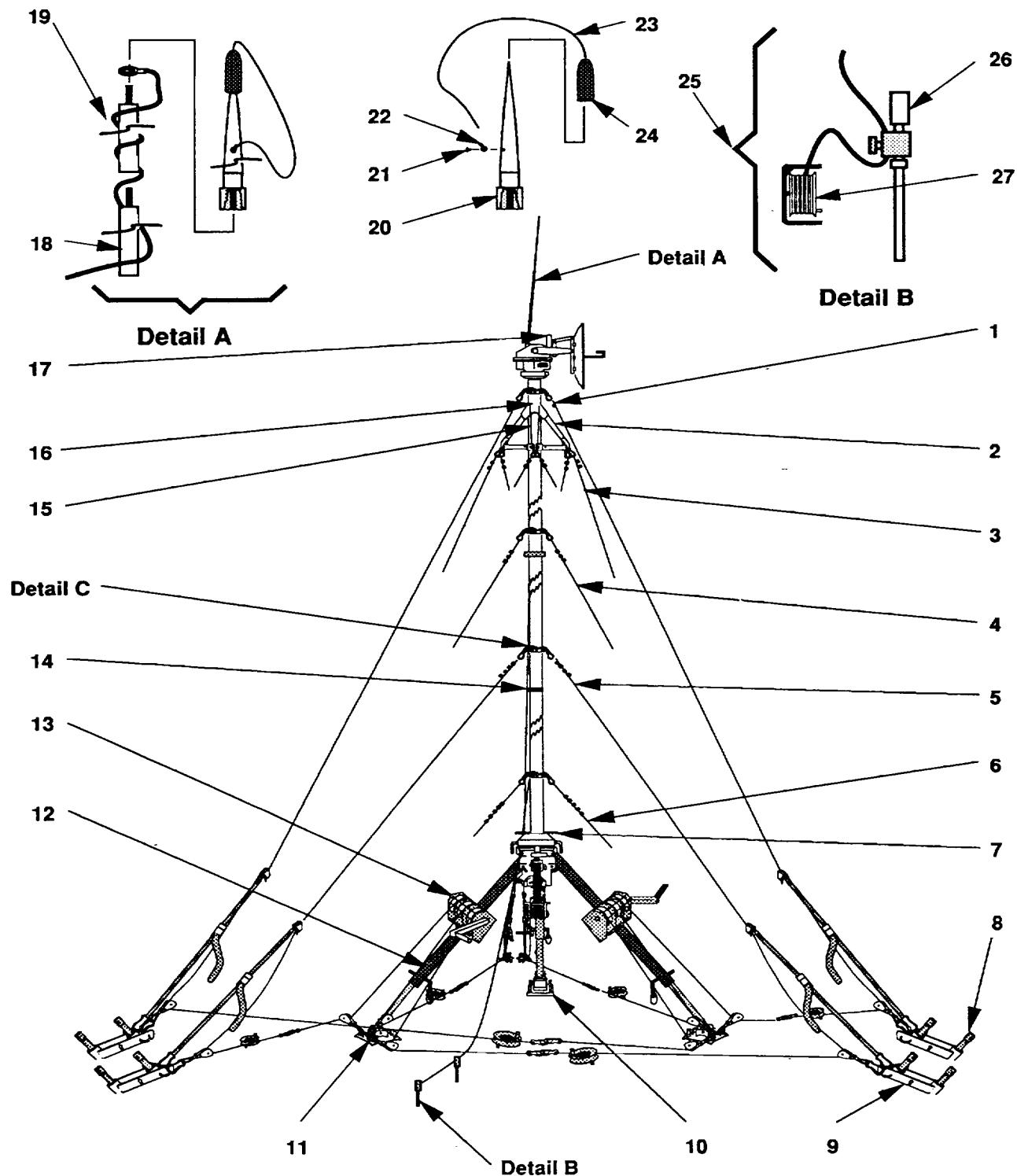
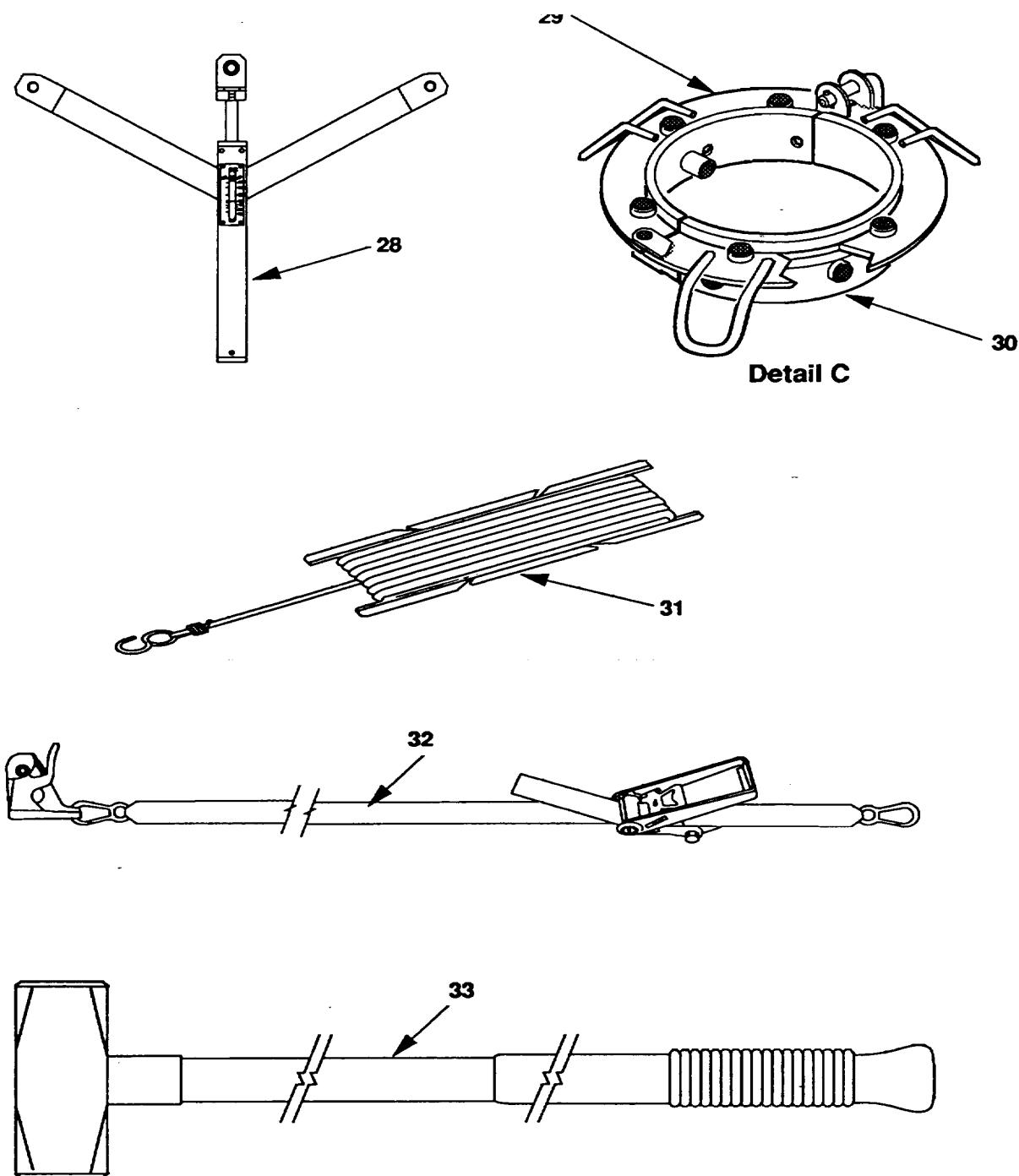
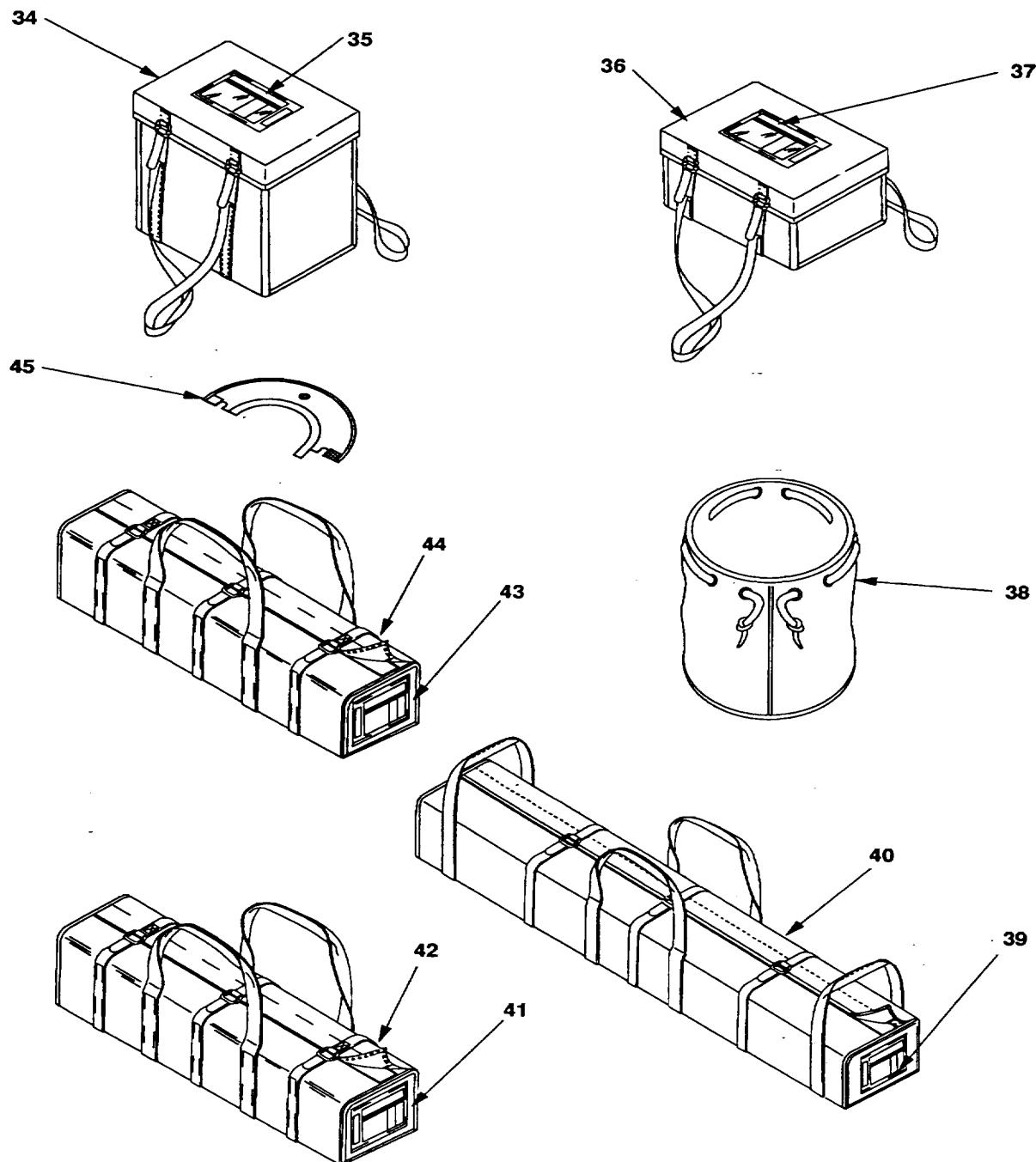


Figure 2. Mast Assembly (Sheet 1 of 3)



CE2M1003

Figure 2. Mast Assembly (Sheet 2 of 3)



CE2M1004

Figure 2. Mast Assembly (Sheet 3 of 3)

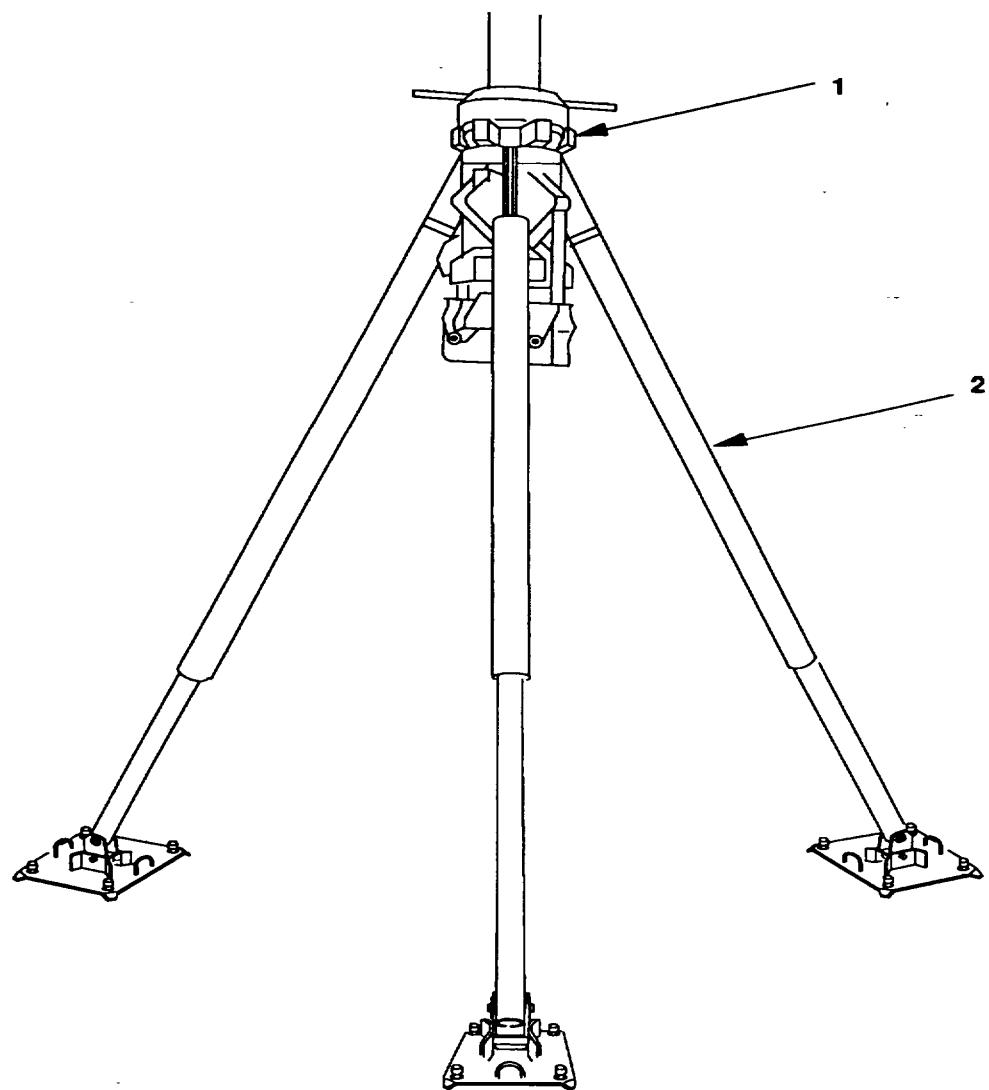
| (1)<br>ITEM<br>NO      | (2)<br>SMR<br>CODE | (3)<br>CAGEC | (4)<br>PART<br>NUMBER | (5)<br>DESCRIPTION AND USABLE ON CODES (UOC)              | (6)<br>QTY |
|------------------------|--------------------|--------------|-----------------------|---|------------|
| GROUP 01 MAST ASSEMBLY |                    |              |                       |   |            |
| FIGURE 2               |                    |              |                       |   |            |
| 1                      | PA0ZZ              | 80063        | A3157151-001          | WIRE ROPE ASSEMBLY, .....                                 | 3          |
| 2                      | PA0ZZ              | 80063        | A3156818-001          | SUPPORT, ANTENNA.....                                     | 3          |
| 3                      | PA0ZZ              | 80063        | A3156816-001          | WIRE ROPE ASSEMBLY, .....                                 | 6          |
| 4                      | PA0ZZ              | 80063        | A3156814-001          | WIRE ROPE ASSEMBLY, .....                                 | 3          |
| 5                      | PA0ZZ              | 80063        | A3157152-001          | WIRE ROPE ASSEMBLY, .....                                 | 3          |
| 6                      | PA0ZZ              | 80063        | A3156810-001          | WIRE ROPE ASSEMBLY, .....                                 | 3          |
| 7                      | PA0ZZ              | 80063        | A3156808-001          | PIN, STRAIGHT, HEADLE .....                               | 3          |
| 8                      | PA0ZZ              | 80063        | A3156820-001          | GUY ATTACHMENT .....                                      | 12         |
| 9                      | PA0ZZ              | 80063        | A3156821-001          | GUY ATTACHMENT .....                                      | 6          |
| 10                     | PA00F              | 80063        | A3156805-001          | WINCH, DRUM, HAND OPE (SEE FIGURE 6<br>FOR DETAILS) ..... | 1          |
| 11                     | PA0ZZ              | 80063        | A3156803-001          | ANCHOR, GUY .....   | 12         |
| 12                     | XB000              | 80063        | A3156804-001          | TRIPOD, ANTENNA (SEE FIGURE 3 FOR<br>DETAILS) .....       | 1          |
| 13                     | PB000              | 80063        | A3157140-001          | WINCH, DRUM, HAND OPE (SEE FIGURE 9<br>FOR DETAILS) ..... | 2          |
| 14                     | PA0ZZ              | 81337        | 6-1-5876              | FASTNER TAPE, HOOK .....                                  | 8          |
| 15                     | PA0ZZ              | 80063        | A3156813-001          | MAST SECTION .....  | 21         |
| 16                     | PA0ZZ              | 80063        | A3157166-001          | SUPPORT, ANTENNA .....                                    | 1          |
| 17                     | PA0ZZ              | 80063        | A3157201-001          | BRACKET, MOUNTING .....                                   | 1          |
| 18                     | PA0ZZ              | 80063        | A3157042-001          | LIGHTING ROD LOWER .....                                  | 1          |
| 19                     | PB0ZZ              | 80063        | A3157041-001          | LIGHTNING ROD UPPER .....                                 | 1          |
| 20                     | XB0ZZ              | 80063        | A3157049-001          | ROD, POINTED .....  | 1          |
| 21                     | PA0ZZ              | 80063        | A3157189-001          | RIVET, BLIND .....  | 1          |
| 22                     | PA0ZZ              | 80063        | A3157063-001          | TERMINAL, LUG .....                                       | 1          |
| 23                     | PA0ZZ              | 80063        | 6Z7920                | ROPE, FIBROUS .....                                       | 1          |
| 24                     | PA0ZZ              | 80063        | A3157004-001          | CAP, PROTECTIVE, DUST .....                               | 1          |
| 25                     | XB000              | 80063        | A3156802-001          | GROUND ROD ASSEMBLY .....                                 | 1          |
| 26                     | PA0ZZ              | 80063        | A3157032-001          | ROD, GROUND .....   | 2          |
| 27                     | PA0ZZ              | 80063        | A3157043-001          | CABLE ASSEMBLY AND .....                                  | 1          |
| 28                     | PA0ZZ              | 80063        | A3156823-001          | TENSIMETER, DIAL IN .....                                 | 1          |
| 29                     | PB0ZZ              | 80063        | A3156912-001          | SUPPORT RING, ANTENN .....                                | 4          |
| 30                     | PB0ZZ              | 80063        | A3156868-001          | SUPPORT RING, ANTENN .....                                | 8          |
| 31                     | PA0ZZ              | 80063        | A3156811-001          | ROPE, FIBROUS .....                                       | 1          |
| 32                     | PA0ZZ              | 80063        | A3156822-001          | FASTENER, CLAMP KIT .....                                 | 18         |
| 33                     | PA0ZZ              | 80063        | A3156807-001          | HAMMER, HAND .....  | 1          |
| 34                     | PA0ZZ              | 80063        | A3157147-001          | BAG, TOOLS AND SPARE .....                                | 2          |
| 35                     | XB0ZZ              | 80063        | A3156825-001          | LABEL, BAG .....  | 2          |
| 36                     | PA0ZZ              | 80063        | A3156826-001          | BAG, TOOLS AND SPARE .....                                | 1          |
| 37                     | XB0ZZ              | 80063        | A3156827-001          | LABEL, BAG .....  | 1          |
| 38                     | PA0ZZ              | 80063        | A3156830-001          | BAG, TOOLS AND SPARE .....                                | 1          |
| 39                     | XB0ZZ              | 80063        | A3156832-001          | LABEL, BAG .....  | 1          |
| 40                     | PA0ZZ              | 80063        | A3156831-001          | BAG, TOOLS AND SPARE .....                                | 1          |
| 41                     | XB0ZZ              | 80063        | A3156829-001          | LABEL, BAG .....  | 3          |
| 42                     | PA0ZZ              | 80063        | A3156828-001          | BAG, TOOLS AND SPARE .....                                | 3          |
| 43                     | XB0ZZ              | 80063        | A3157208-001          | LABEL, BAG .....  | 1          |
| 44                     | PA0ZZ              | 80063        | A3157212-001          | BAG, TOOLS AND SPARE .....                                | 1          |

**SECTION II****TM 11-5985-394-23P**

| (1)<br>ITEM<br>NO | (2)<br>SMR<br>CODE | (3)<br>CAGEC | (4)<br>PART<br>NUMBER | (5)<br>DESCRIPTION AND USABLE ON CODES (UOC) | (6)<br>QTY |
|-------------------|--------------------|--------------|-----------------------|--|------------|
| 45                | PA0ZZ              | 80063        | A3157158-001          | COVER, ACCESS.....                           | 1          |

END OF FIGURE

**2-2**

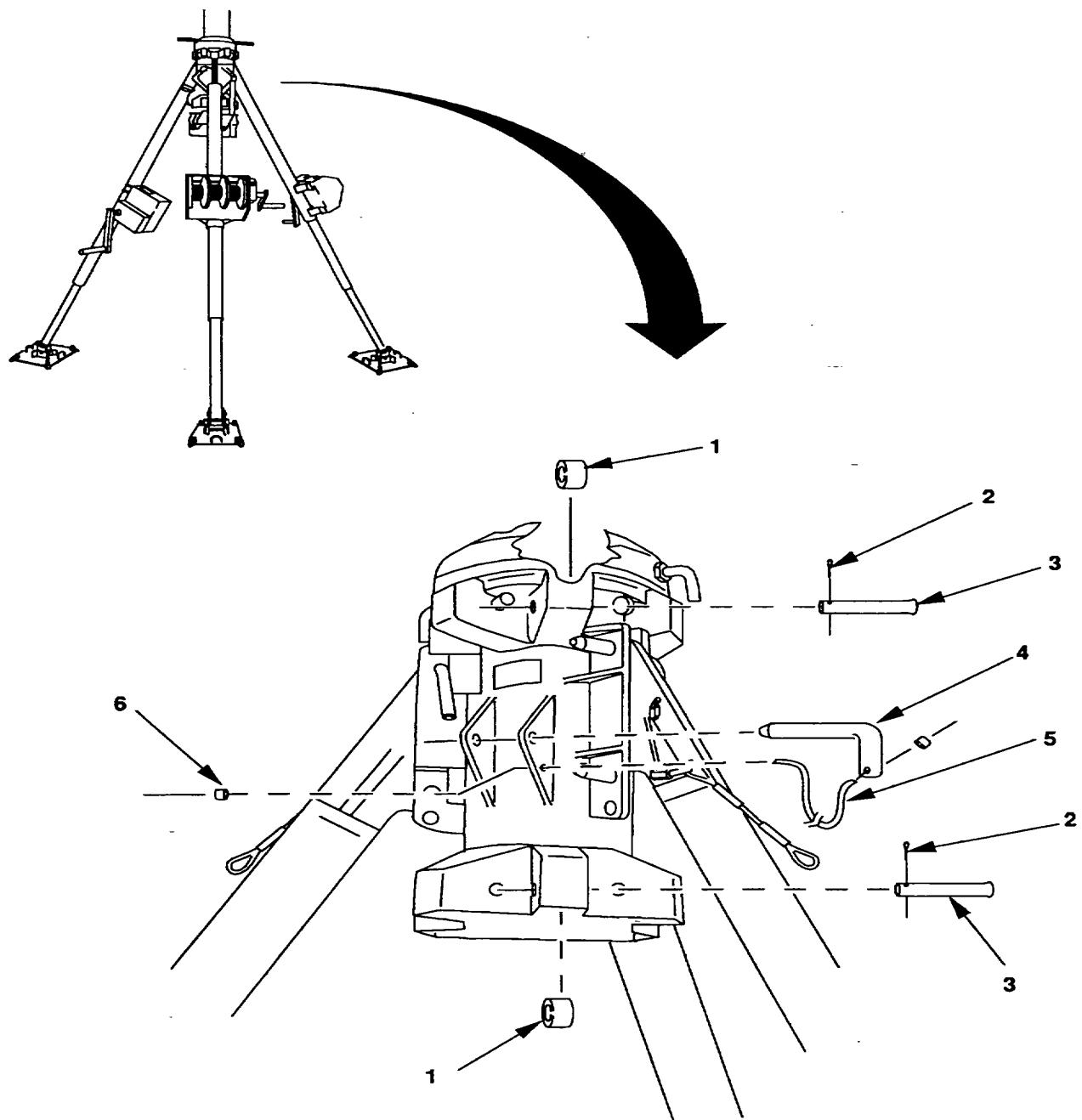


*Figure 3. Tripod, Antenna*

| <b>SECTION II</b>          |                             |                      |                                |  | <b>TM 11-5985-394-23P</b> |
|----------------------------|-----------------------------|----------------------|--------------------------------|--|---------------------------|
| <b>(1)<br/>ITEM<br/>NO</b> | <b>(2)<br/>SMR<br/>CODE</b> | <b>(3)<br/>CAGEC</b> | <b>(4)<br/>PART<br/>NUMBER</b> | <b>(5)<br/>DESCRIPTION AND USABLE ON CODES (UOC)</b> | <b>(6)<br/>QTY</b>        |
| GROUP 0101 TRIPOD, ANTENNA |                             |                      |                                |  |                           |
| FIGURE 3                   |                             |                      |                                |  |                           |
| 1 PBOOO 80063              |                             | A3156835-001         |                                | SUPPORT, ANTENNA (SEE FIGURE 4 FOR DETAILS) .....    | 1                         |
| 2 PBOOO 80063              |                             | A3156834-001         |                                | SUPPORT, ANTENNA (SEE FIGURE 5 FOR DETAILS) .....    | 3                         |

END OF FIGURE

3-1



CE2M1006

Figure 4. Support, Antenna

| <b>SECTION II</b>          |                             |                      |                                | <b>(5)</b>                                   | <b>(6)</b> |
|----------------------------|-----------------------------|----------------------|--------------------------------|--|------------|
| <b>(1)<br/>ITEM<br/>NO</b> | <b>(2)<br/>SMR<br/>CODE</b> | <b>(3)<br/>CAGEC</b> | <b>(4)<br/>PART<br/>NUMBER</b> | <b>DESCRIPTION AND USABLE ON CODES (UOC)</b> | <b>QTY</b> |

GROUP 010101 SUPPORT, ANTENNA

FIGURE 4

|   |       |       |               |                         |    |
|---|-------|-------|---------------|-------------------------|----|
| 1 | PA0ZZ | 80063 | A3156888-001  | ROLLER, BEARING .....   | 12 |
| 2 | PA0ZZ | 80063 | A3157176-003  | PIN, COTTER .....       | 12 |
| 3 | PA0ZZ | 80063 | A3156887-001  | SHAFT, SHOULDERED ..... | 12 |
| 4 | PA0ZZ | 80063 | A3156886-001  | PIN, LOCK .....         | 3  |
| 5 | MF0ZZ | 81349 | MIL-W-83420/4 | LANYARD .....           | 3  |
| 6 | PA0ZZ | 80063 | A3156858-001  | SPACER, SLEEVE.....     | 6  |

END OF FIGURE

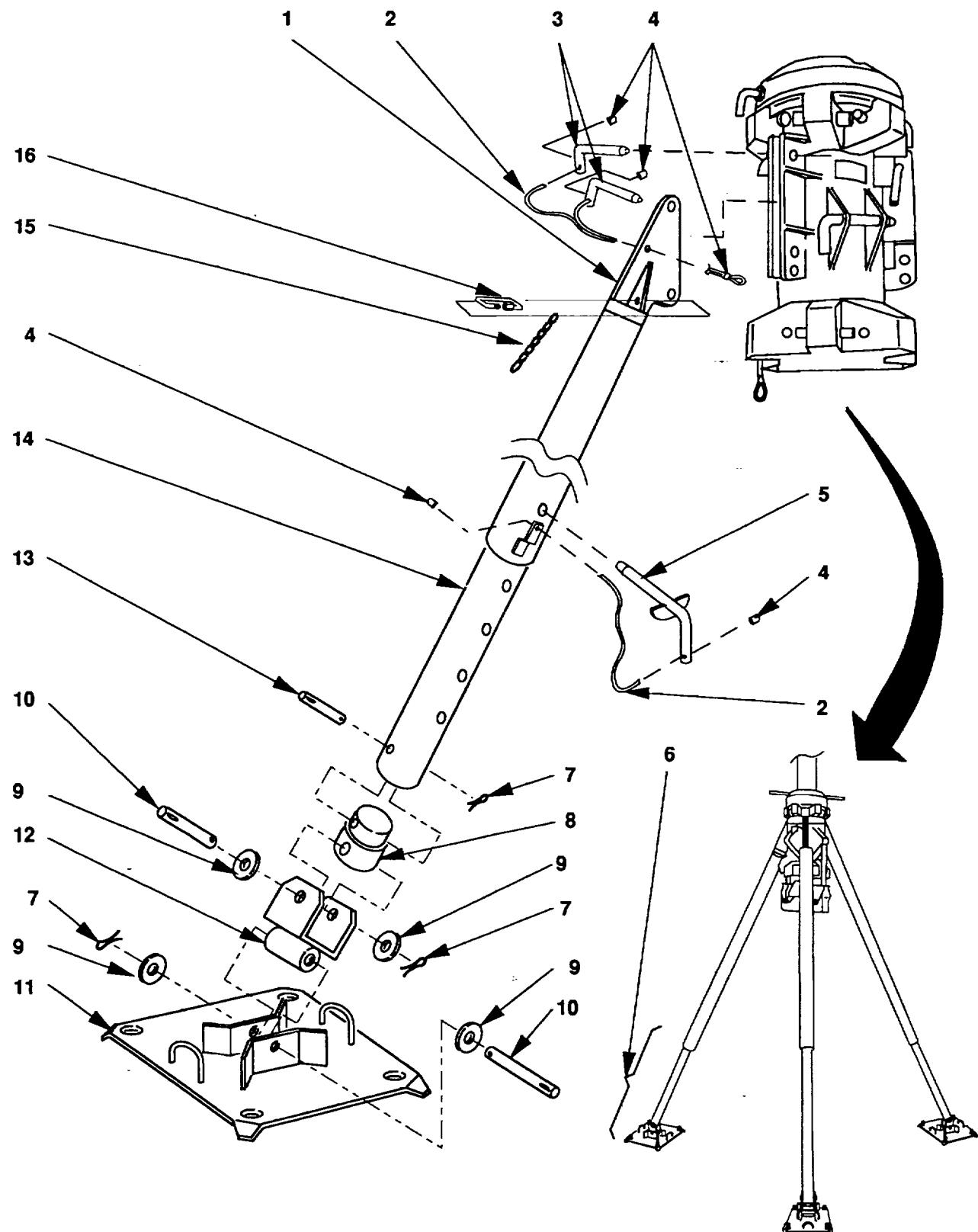
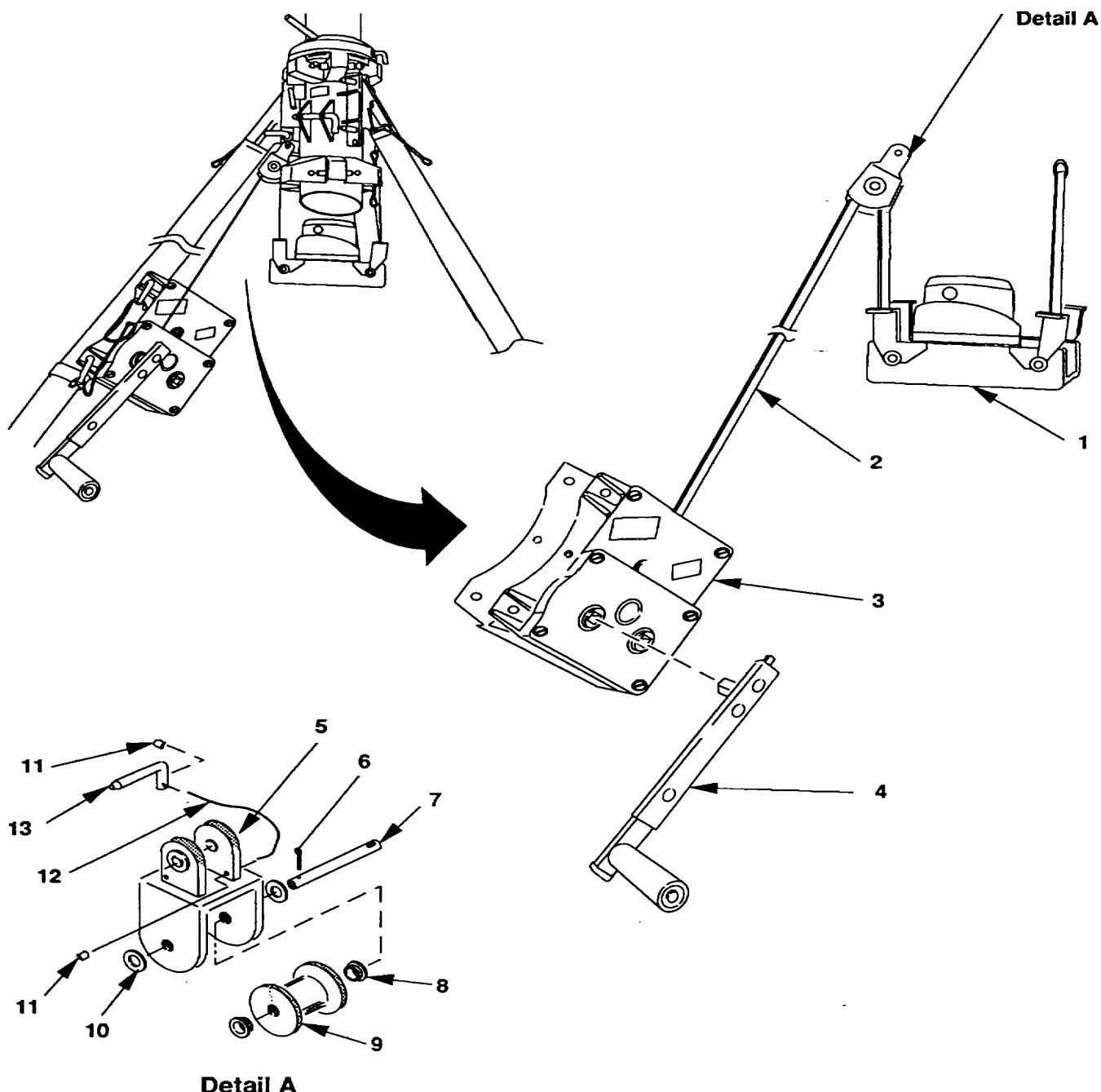


Figure 5. Support, Antenna

| (1)<br>ITEM<br>NO             | (2)<br>SMR<br>CODE | (3)<br>CAGEC | (4)<br>PART<br>NUMBER      | (5)<br>DESCRIPTION AND USABLE ON CODES (UOC) | (6)<br>QTY |
|-------------------------------|--------------------|--------------|----------------------------|--|------------|
| GROUP 010102 SUPPORT, ANTENNA |                    |              |                            |  |            |
|                               |                    |              |                            | FIGURE 5                                     |            |
| 1                             | PB0FF              | 80063        | A3156931-001               | SUPPORT, ANTENNA.....                        | 1          |
| 2                             | MF0ZZ              | 81349        | MIL-W-83420<br>TYPE 2COMPB | LANYARD .....                                | 2          |
| 3                             | PA0ZZ              | 80063        | A3156886-001               | PIN, LOCK.....                               | 2          |
| 4                             | PA0ZZ              | 80063        | A3156858-001               | SPACER, SLEEVE.....                          | 5          |
| 5                             | PA0ZZ              | 80063        | A3156924-001               | PIN, LOCK.....                               | 1          |
| 6                             | PD000              | 80063        | A3156927-001               | SUPPORT, ANTENNA.....                        | 1          |
| 7                             | PA0ZZ              | 80063        | A3157176-003               | PIN, COTTER .....                            | 3          |
| 8                             | PA0ZZ              | 80063        | A3156922-001               | PIN, STRAIGHT, HEADLE .....                  | 1          |
| 9                             | PA0ZZ              | 80063        | A3157177-004               | WASHER, FLAT .....                           | 4          |
| 10                            | PA0ZZ              | 80063        | A3156895-001               | PIN, STRAIGHT, HEADED .....                  | 2          |
| 11                            | PA0ZZ              | 80063        | A3156920-001               | PLATE, BASE, TOWER SU .....                  | 1          |
| 12                            | PA0ZZ              | 80063        | A3156921-001               | BRACKET, LEVER.....                          | 1          |
| 13                            | PA0ZZ              | 80063        | A3156896-001               | PIN, STRAIGHT, HEADED .....                  | 1          |
| 14                            | PA0ZZ              | 80063        | A3156923-001               | TUBE, METALLIC .....                         | 1          |
| 15                            | PA0ZZ              | 80063        | A3156933-001               | WIRE ROPE ASSEMBLY .....                     | 1          |
| 16                            | PA0ZZ              | 80063        | A3157073-001               | RING, CONNECTING, ROU .....                  | 1          |

END OF FIGURE



CE2MI008

Figure 6. Winch, Drum, Hand Operated

| (1)<br>ITEM<br>NO                      | (2)<br>SMR<br>CODE | (3)<br>CAGEC | (4)<br>PART<br>NUMBER | (5)<br>DESCRIPTION AND USABLE ON CODES (UOC) | (6)<br>QTY |
|--|--------------------|--------------|-----------------------|--|------------|
| GROUP 0102 WINCH, DRUM, HAND, OPERATED |                    |              |                       |  |            |

## FIGURE 6

|    |       |       |               |   |   |
|----|-------|-------|---------------|---|---|
| 1  | PB000 | 80063 | A3156863-001  | ANTENNA ELEVATOR GR (SEE FIGURE 8<br>FOR DETAILS) ..... | 1 |
| 2  | PA0ZZ | 80063 | A3156865-001  | BELT, FLAT .....  | 1 |
| 3  | XB000 | 80063 | A3156839-001  | WINCH, LIFTING 2 SP (SEE FIGURE 7<br>FOR DETAILS) ..... | 1 |
| 4  | PA0ZZ | 80063 | A3156866-001  | CRANK, HAND.....  | 1 |
| 5  | XB000 | 80063 | A3156864-001  | PULLEY, LIFTING BELT.....                               | 1 |
| 6  | PA0ZZ | 80063 | A3157176-002  | PIN, COTTER .....                                       | 1 |
| 7  | PA0ZZ | 80063 | A3156843-001  | SHAFT, SHOULDERED .....                                 | 1 |
| 8  | PA0ZZ | 80063 | A3157213-001  | BUSHING .....   | 2 |
| 9  | PA0ZZ | 80063 | A3156904-001  | PULLEY, FLAT .....                                      | 1 |
| 10 | PA0ZZ | 80063 | A3157177-003  | WASHER, FLAT .....                                      | 2 |
| 11 | PA0ZZ | 80063 | A3156858-001  | SPACER, SLEEVE.....                                     | 2 |
| 12 | MF0ZZ | 81349 | MIL-W-83420/4 | LANYARD .....   | 1 |
| 13 | PA0ZZ | 80063 | A3156886-001  | PIN, LOCK.....  | 1 |

END OF FIGURE

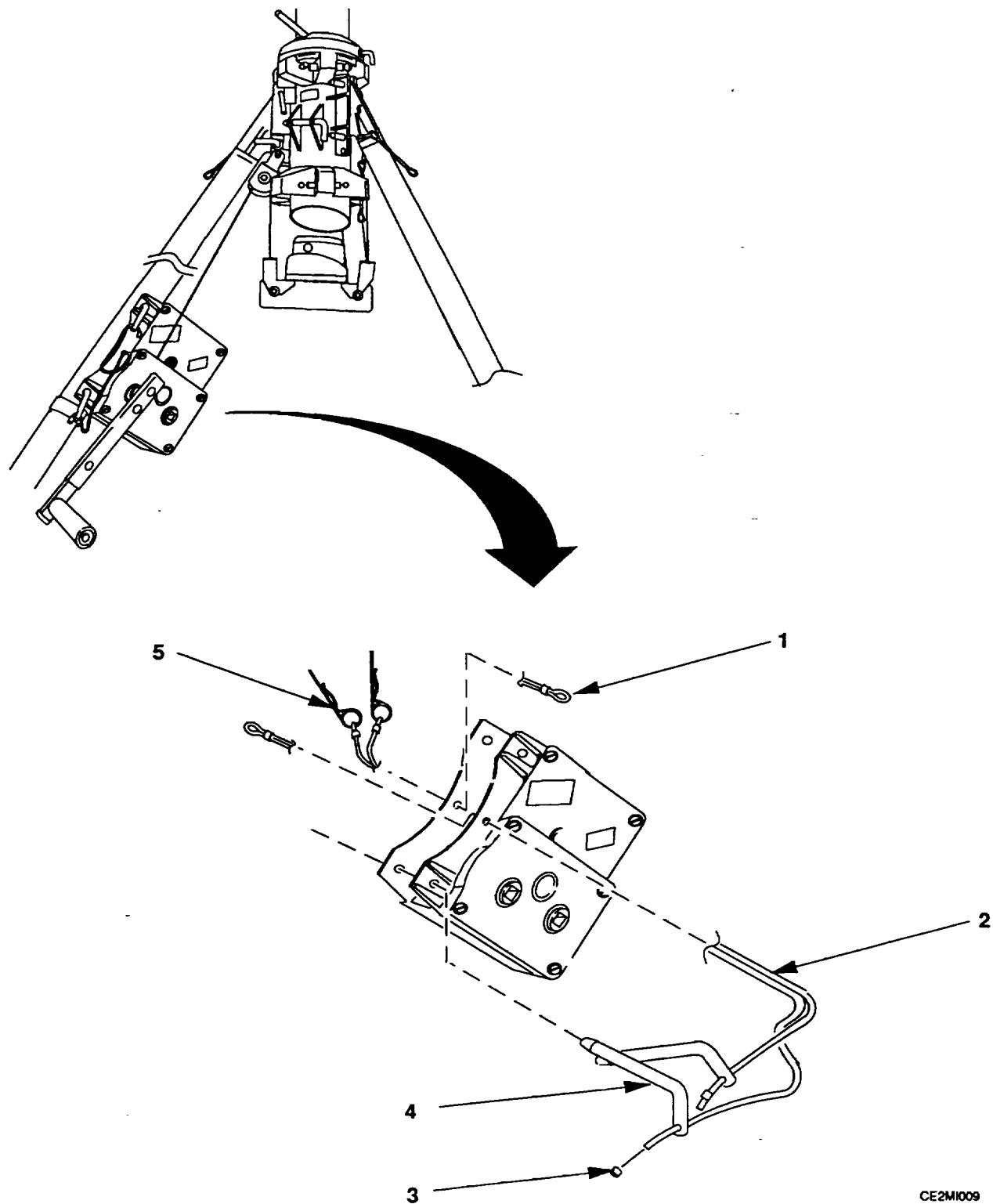


Figure 7. Winch Lifting, 2-Speed

CE2M1009

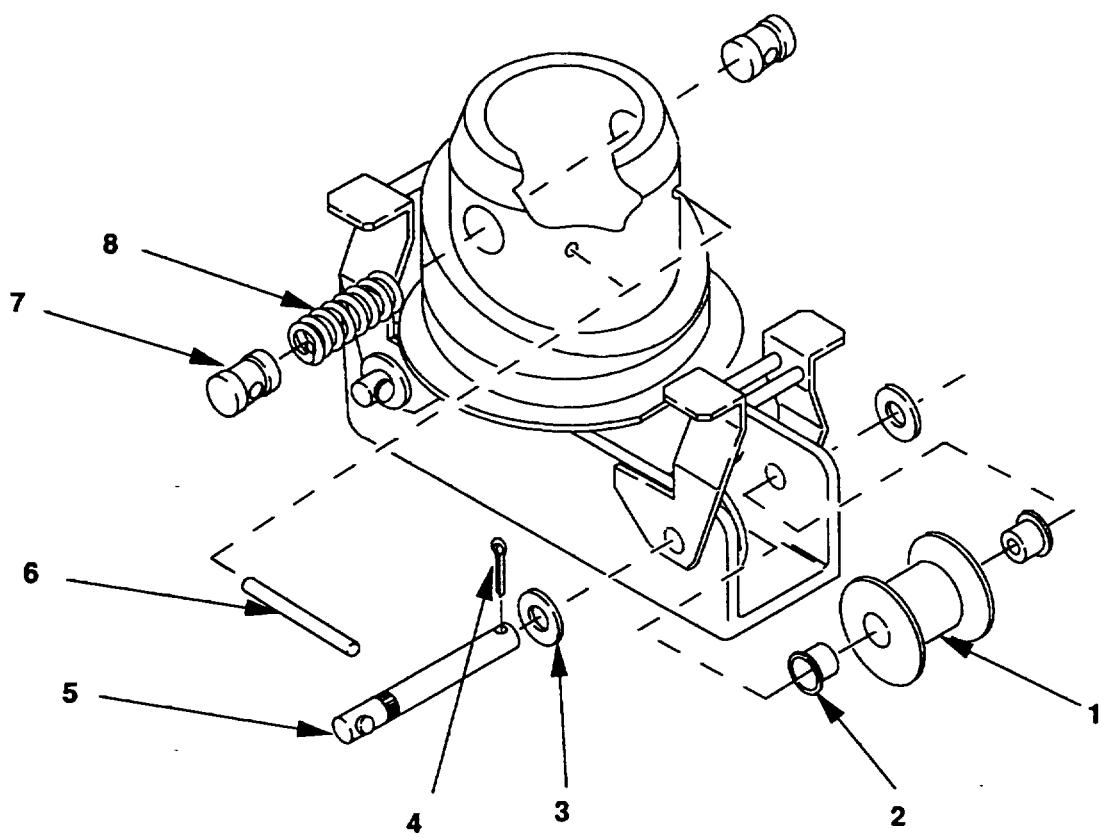
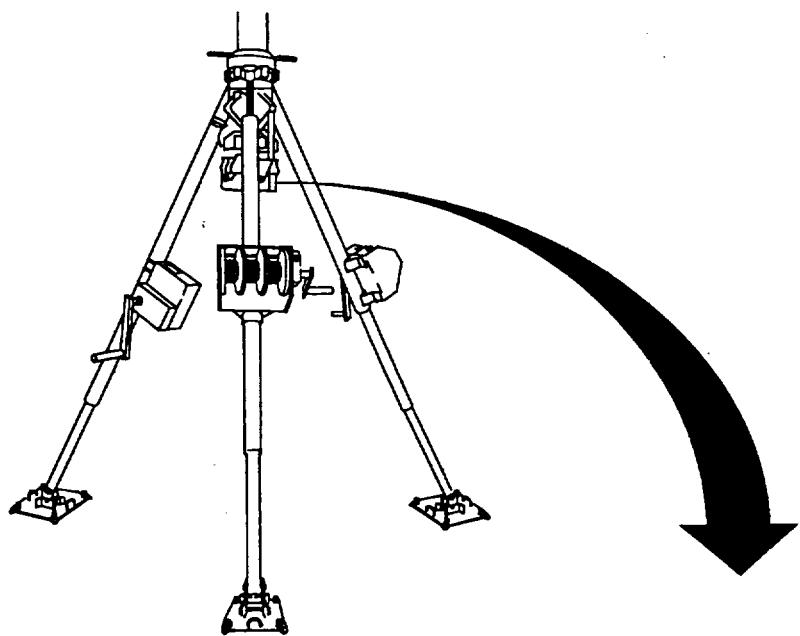
**SECTION II**

TM 11-5985-394-23P

| (1)<br>ITEM<br>NO                   | (2)<br>SMR<br>CODE | (3)<br>CAGEC | (4)<br>PART<br>NUMBER | (5)<br>DESCRIPTION AND USABLE ON CODES (UOC) | (6)<br>QTY |
|-------------------------------------|--------------------|--------------|-----------------------|--|------------|
| GROUP 010201 WINCH LIFTING, 2-SPEED |                    |              |                       |  |            |
|                                     |                    |              |                       | FIGURE 7                                     |            |
| 1                                   | MF0ZZ              | 81349        | MIL-W-83420/2         | LANYARD LANYARD 450 MM LONG .....            | 1          |
| 2                                   | MF0ZZ              | 81349        | MIL-W-83420/4         | LANYARD LANYARD 600 MM LONG .....            | 1          |
| 3                                   | PA0ZZ              | 80063        | A3156858-001          | SPACER, SLEEVE.....                          | 6          |
| 4                                   | PA0ZZ              | 80063        | A3156847-001          | PIN, LOCK.....                               | 2          |
| 5                                   | PA0ZZ              | 80063        | A3156861-001          | CLIP, SPRING TENSION .....                   | 2          |

END OF FIGURE

7-1



CE2M1010

Figure 8. Antenna Elevator Group

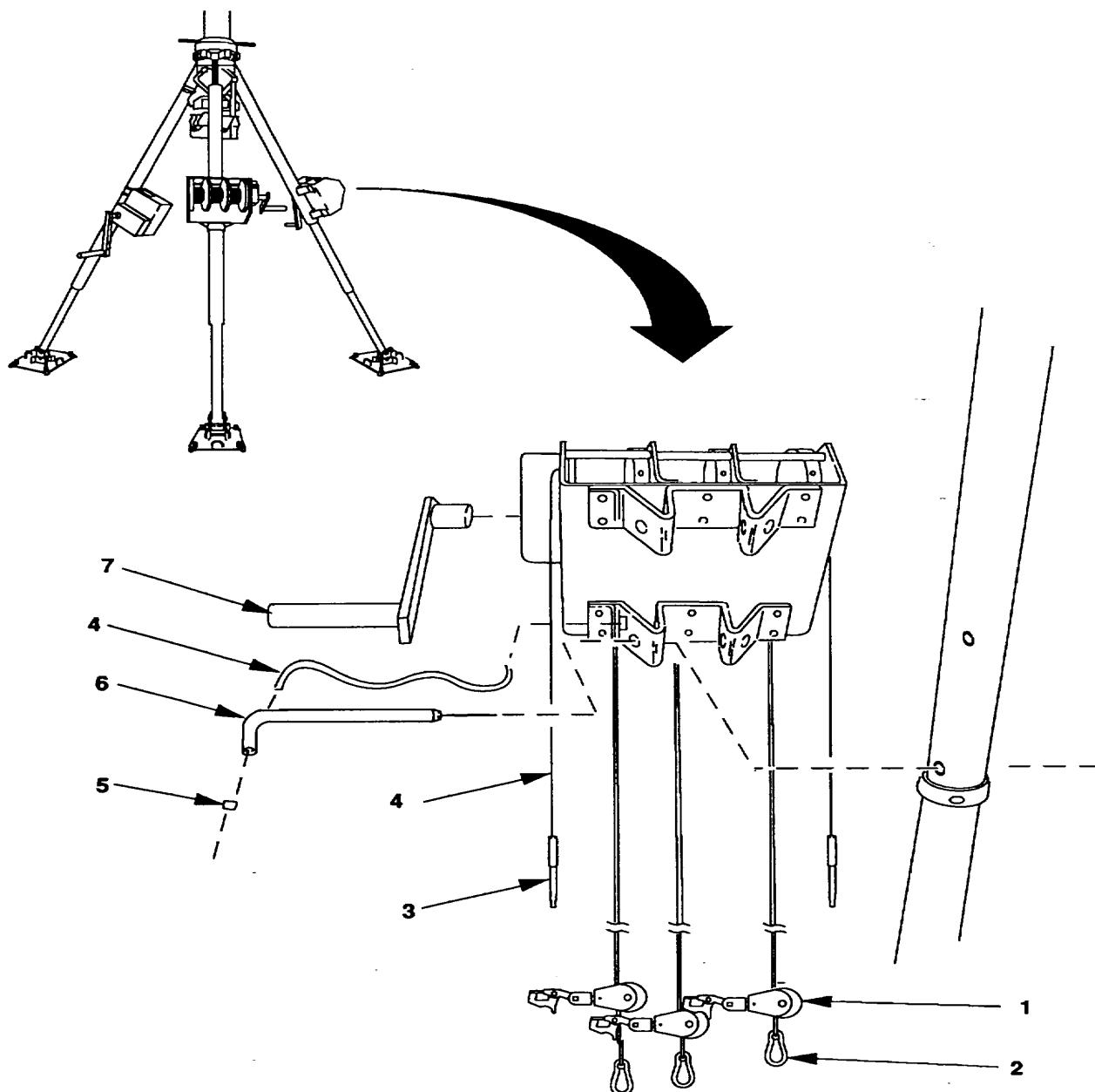
| SECTION II                          |                    |              |                       | TM 11-5985-394-23P |            |
|-------------------------------------|--------------------|--------------|-----------------------|--------------------|------------|
| (1)<br>ITEM<br>NO                   | (2)<br>SMR<br>CODE | (3)<br>CAGEC | (4)<br>PART<br>NUMBER | (5)                | (6)<br>QTY |
| GROUP 010202 ANTENNA ELEVATOR GROUP |                    |              |                       |                    |            |

FIGURE 8

|   |       |       |              |                             |   |
|---|-------|-------|--------------|-----------------------------|---|
| 1 | PA0ZZ | 80063 | A3156904-001 | PULLEY, FLAT.....           | 2 |
| 2 | PA0ZZ | 80063 | A3157213-001 | BUSHING .....               | 4 |
| 3 | PA0ZZ | 80063 | A3157177-003 | WASHER, FLAT.....           | 4 |
| 4 | PA0ZZ | 80063 | A3157176-002 | PIN, COTTER .....           | 2 |
| 5 | PA0ZZ | 80063 | A3156906-001 | SHAFT, SHOULDERED .....     | 2 |
| 6 | PA0ZZ | 80063 | A3156903-001 | PIH, STRAIGHT, KNURLE ..... | 2 |
| 7 | PA0ZZ | 80063 | A3156898-001 | PIN, STRAIGHT, HEADLE.....  | 2 |
| 8 | PA0ZZ | 80063 | A3156900-001 | SPRING, HELICAL, COMP.....  | 1 |

END OF FIGURE

8-1



CE2M1011

Figure 9. Winch, Drum, Hand Operated

| (1)<br>ITEM<br>NO | (2)<br>SMR<br>CODE | (3)<br>CAGEC | (4)<br>PART<br>NUMBER | (5)<br>DESCRIPTION AND USABLE ON CODES (UOC) | (6)<br>QTY |
|-------------------|--------------------|--------------|-----------------------|--|------------|
|-------------------|--------------------|--------------|-----------------------|--|------------|

GROUP 0103 WINCH, DRUM, HAND OPERATED

FIGURE 9

|   |       |       |               |                             |   |
|---|-------|-------|---------------|-----------------------------|---|
| 1 | PA0ZZ | 80063 | A3157162-001  | PULLEY, GROOVE.....         | 3 |
| 2 | PA0ZZ | 80063 | A3157036-001  | GUY.....                    | 3 |
| 3 | PA0ZZ | 80063 | A3156992-001  | PIN, SHOULDER, HEADLE ..... | 2 |
| 4 | MF0ZZ | 81349 | MIL-W-83420/4 | LANYARD .....               | 4 |
| 5 | PA0ZZ | 80063 | A3156858-001  | SPACER, SLEEVE.....         | 8 |
| 6 | PA0ZZ | 80063 | A3156956-001  | PIN, LOCK.....              | 2 |
| 7 | PA0ZZ | 80063 | A3156987-001  | CRANK, HAND.....            | 1 |

END OF FIGURE

9-1

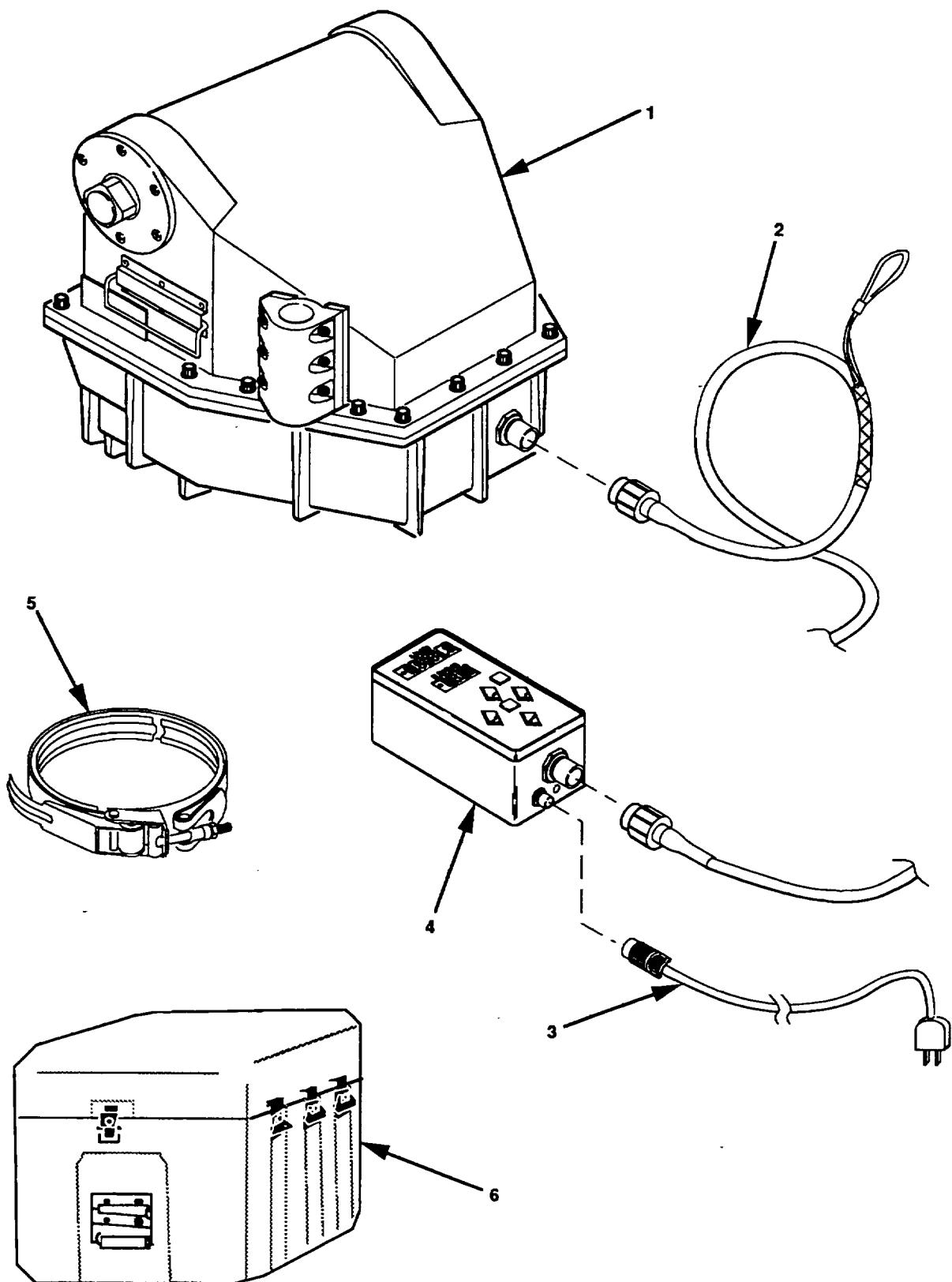


Figure 10. Positioner System

| (1)<br>ITEM<br>NO          | (2)<br>SMR<br>CODE | (3)<br>FSCM | (4)<br>PART<br>NUMBER | (5)<br>DESCRIPTION AND USABLE ON CODES (UOC)                      | (6)<br>QTY |
|----------------------------|--------------------|-------------|-----------------------|---|------------|
| GROUP 02 POSITIONER SYSTEM |                    |             |                       |   |            |
| 1                          | XB0FF              | 80063       | A3157301-001          | FIGURE 10<br>POSITIONER (SEE FIGURE 13 FOR .....<br>DETAILS)..... | 1          |
| 2                          | PA0FF              | 80063       | A3157303-001          | CABLE ASSEMBLY, SPEC.....   | 1          |
| 3                          | PA0FF              | 80063       | A3156763-001          | CABLE ASSEMBLY, POWE (SEE FIGURE 19.....<br>FOR DETAILS) .....    | 1          |
| 4                          | PB0FF              | 80063       | A3157302-001          | ANTENNA CONTROL GRO (SEE FIGURE 11.....<br>FOR DETAILS) .....     | 1          |
| 5                          | PA0ZZ              | 80063       | A3156778-001          | RING, RETAINING .....   | 1          |
| 6                          | XB0ZZ              | 80063       | A3156776-001          | CASE, TRANSIT.....  | 1          |

END OF FIGURE

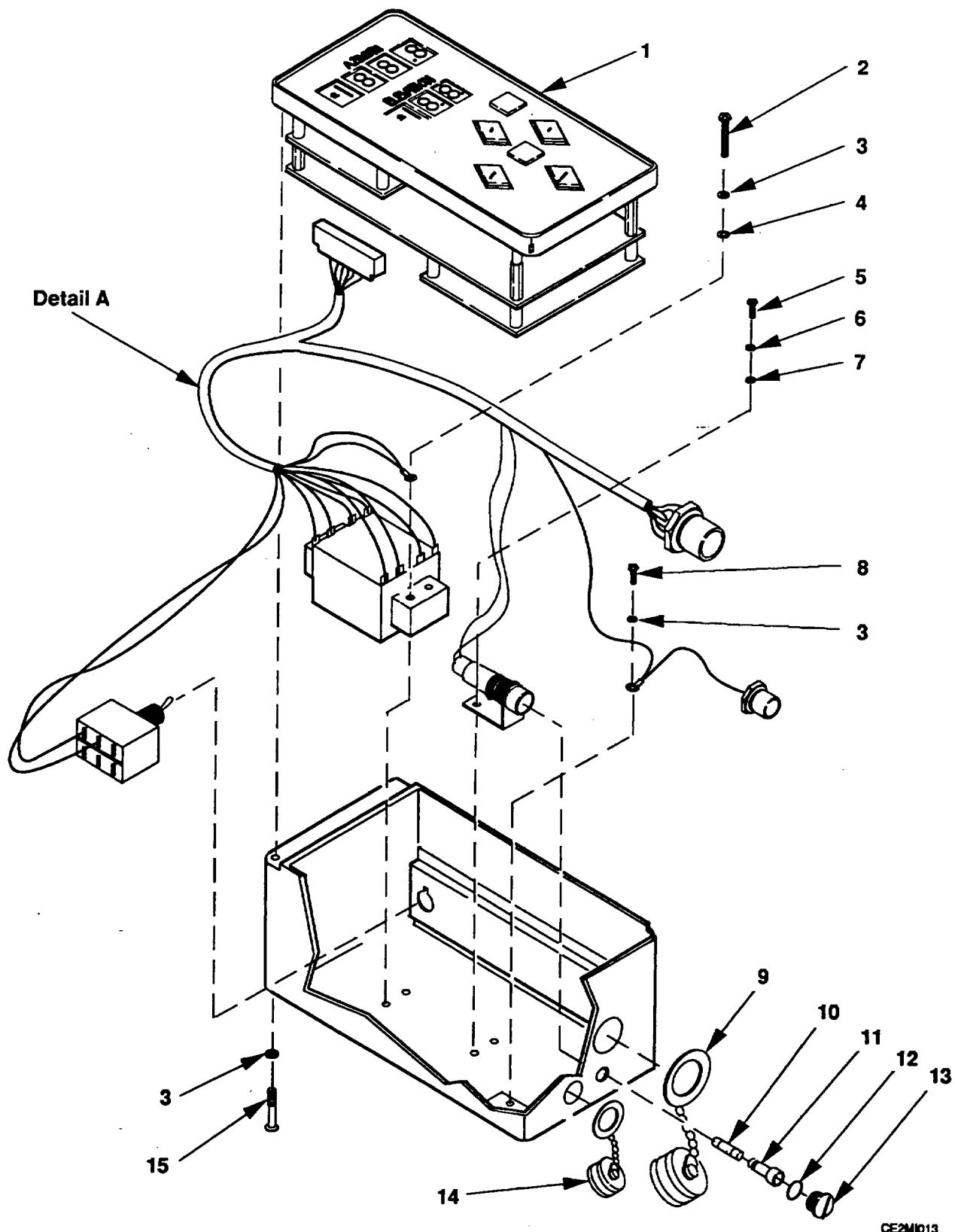
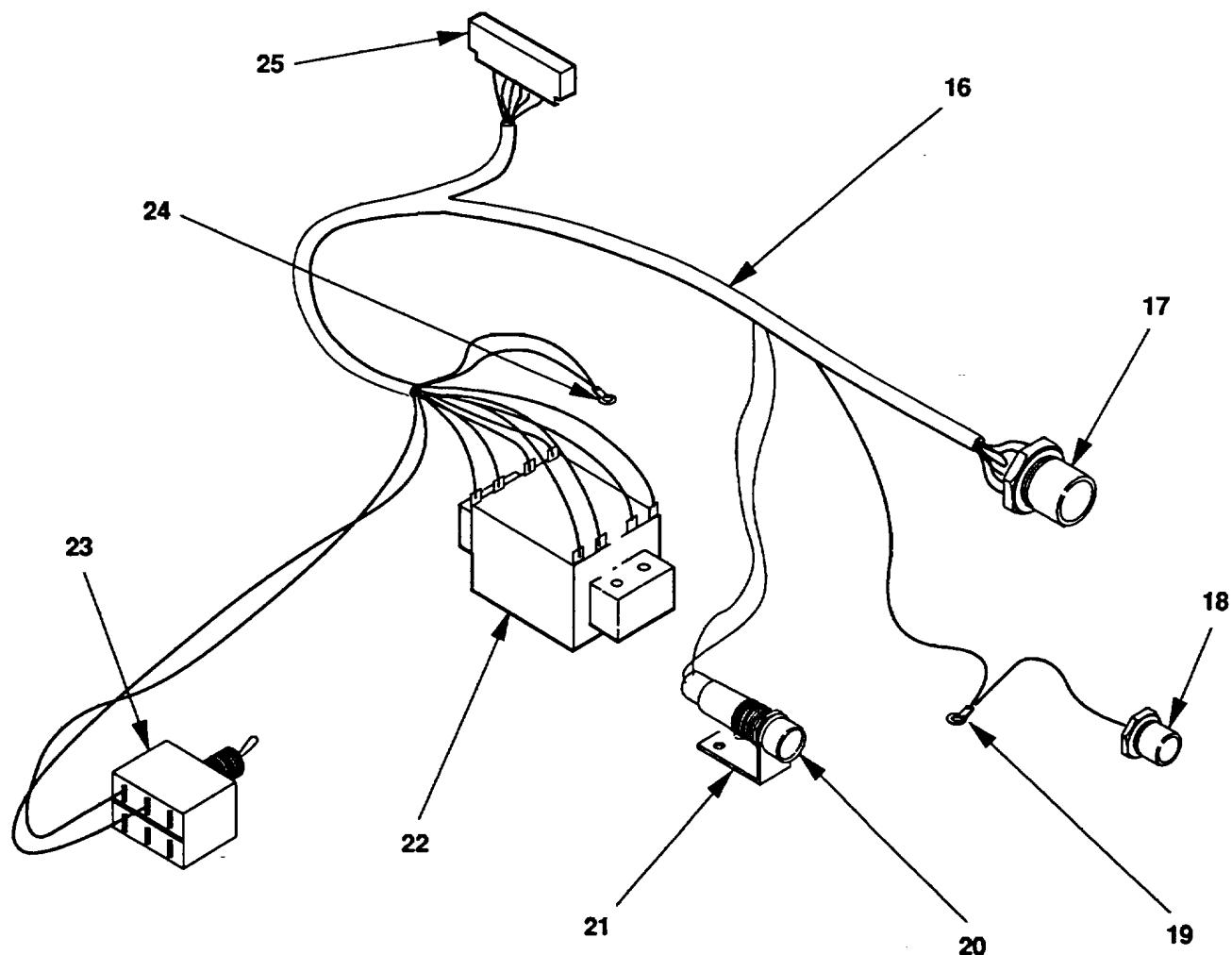


Figure 11. Antenna Control Group (Sheet 1 of 2)

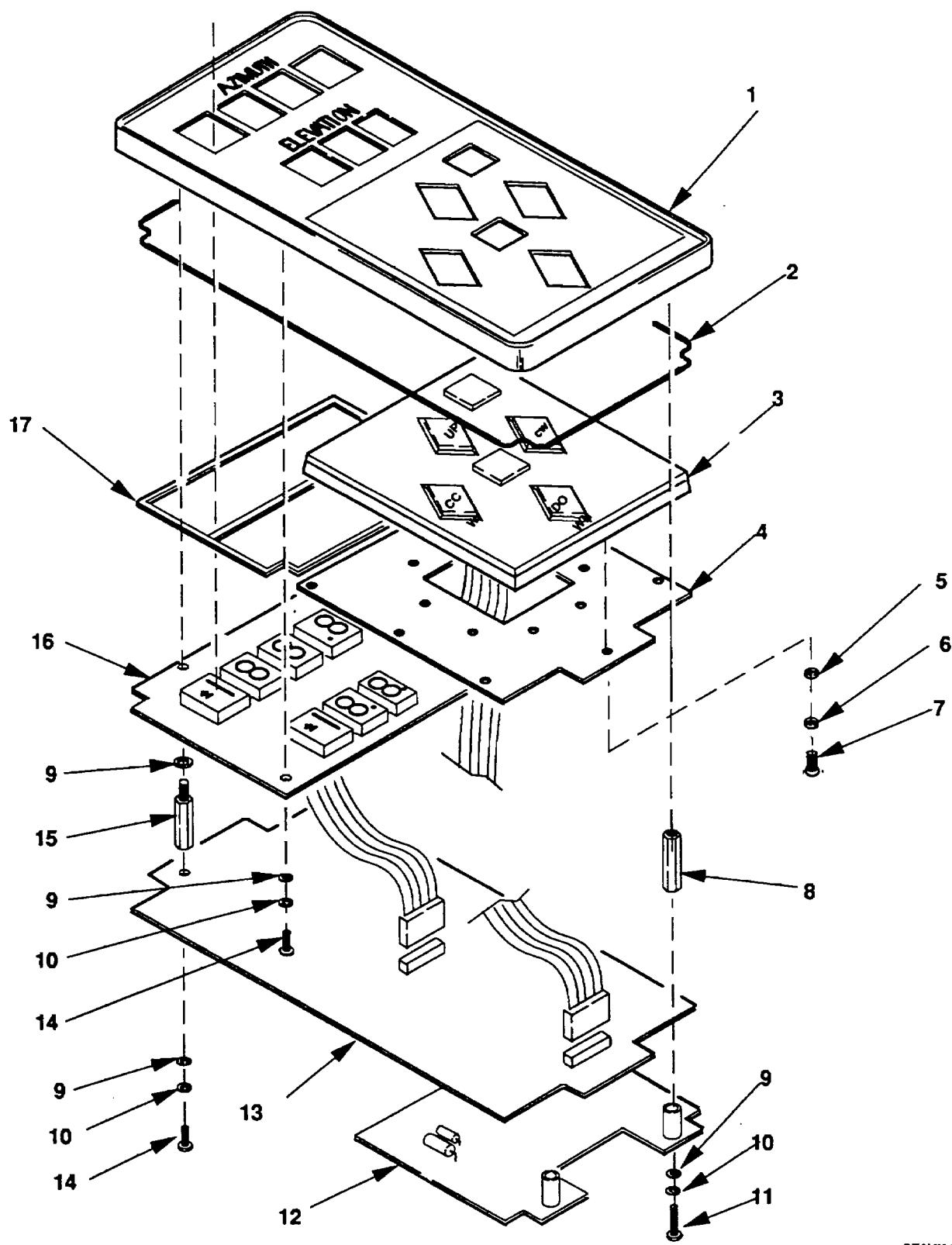


**Detail A**

*Figure 11. Antenna Control Group (Sheet 2 of 2)*

| (1)<br>ITEM<br>NO                | (2)<br>SMR<br>CODE | (3)<br>FSCM | (4)<br>PART<br>NUMBER | (5)<br>DESCRIPTION AND USABLE ON CODES (UOC)  | (6)<br>QTY |
|----------------------------------|--------------------|-------------|-----------------------|---|------------|
| GROUP 0201 ANTENNA CONTROL GROUP |                    |             |                       |   |            |
| FIGURE 11                        |                    |             |                       |   |            |
| 1                                | XBFFF              | 80063       | A3157424-001          | FRONT PANEL (SEE FIGURE 12 FOR DETAILS) ..... | 1          |
| 2                                | PAFZZ              | 96906       | MS51957-33            | SCREW, MACHINE .....                          | 4          |
| 3                                | PAFZZ              | 96906       | M535338-136           | WASHER, LOCK .....                            | 9          |
| 4                                | PAFZZ              | 80063       | A3157325-003          | WASHE R, FLAT .....                           | 2          |
| 5                                | PAFZZ              | 96906       | MS51957-14            | SCREW, MACHINE .....                          | 2          |
| 6                                | PAFZZ              | 96906       | MS35338-135           | WASHER, LOCK .....                            | 2          |
| 7                                | PAFZZ              | 80063       | A3157325-002          | WASHER, FLAT .....                            | 2          |
| 8                                | PAFZZ              | 96906       | M551957-26            | SCREW, MACHINE .....                          | 1          |
| 9                                | PAFZZ              | 81349       | D38999/33W15N         | COVER, ELECTRICAL COO .....                   | 1          |
| 10                               | PAOZA              | 81349       | F02B250V1-2AS         | FUSE, CARTRIDGE .....                         | 1          |
| 11                               | PAOZZ              | S3629       | FEK.0031.1661-00      | FUSEHOLDER, RECEPTAC .....                    | 1          |
| 12                               | PAOZZ              | 80063       | A3157319-001          | PACKING, PREFORMED .....                      | 1          |
| 13                               | PAOZZ              | 80063       | A3157485-001          | SCREW, MACHINE .....                          | 1          |
| 14                               | PAFZZ              | 81349       | D38999/33W9N          | COVER, ELECTRICAL COO .....                   | 1          |
| 15                               | PAFZZ              | 06540       | 852-SS-20             | SCREW, PANEL FASTENE .....                    | 4          |
| 16                               | PAFFF              | 80063       | A3157490-001          | CABLE ASSEMBLY, SPEC .....                    | 1          |
| 17                               | PAFZZ              | 81349       | D38999/24WD19SN       | CONNECTOR, RECEPTACL .....                    | 1          |
| 18                               | PAFZZ              | 81349       | D38999/24WA98PN       | CONNECTOR, RECEPTACL .....                    | 1          |
| 19                               | PAFZZ              | 06383       | PN14-6R               | TERMINAL, LUG .....                           | 1          |
| 20                               | PAFZZ              | S3629       | FEU.0031.1681-00      | FUSEHOLDER, RECEPTAC .....                    | 1          |
| 21                               | PAFZZ              | 80063       | A3157433-001          | FUSEHOLDER, BLOCK .....                       | 1          |
| 22                               | PAFZZ              | 80063       | A3157412-001          | TRANSFORMER, POWER .....                      | 1          |
| 23                               | PAFZA              | 96906       | M524656-231           | SWITCH, TOGGLE .....                          | 1          |
| 24                               | PAFZZ              | 06383       | PN18-6R               | TERMINAL, LUG .....                           | 1          |
| 25                               | PAFZZ              | 80063       | A3157404-001          | CONNECTOR, RECEPTACL .....                    | 1          |

END OF FIGURE

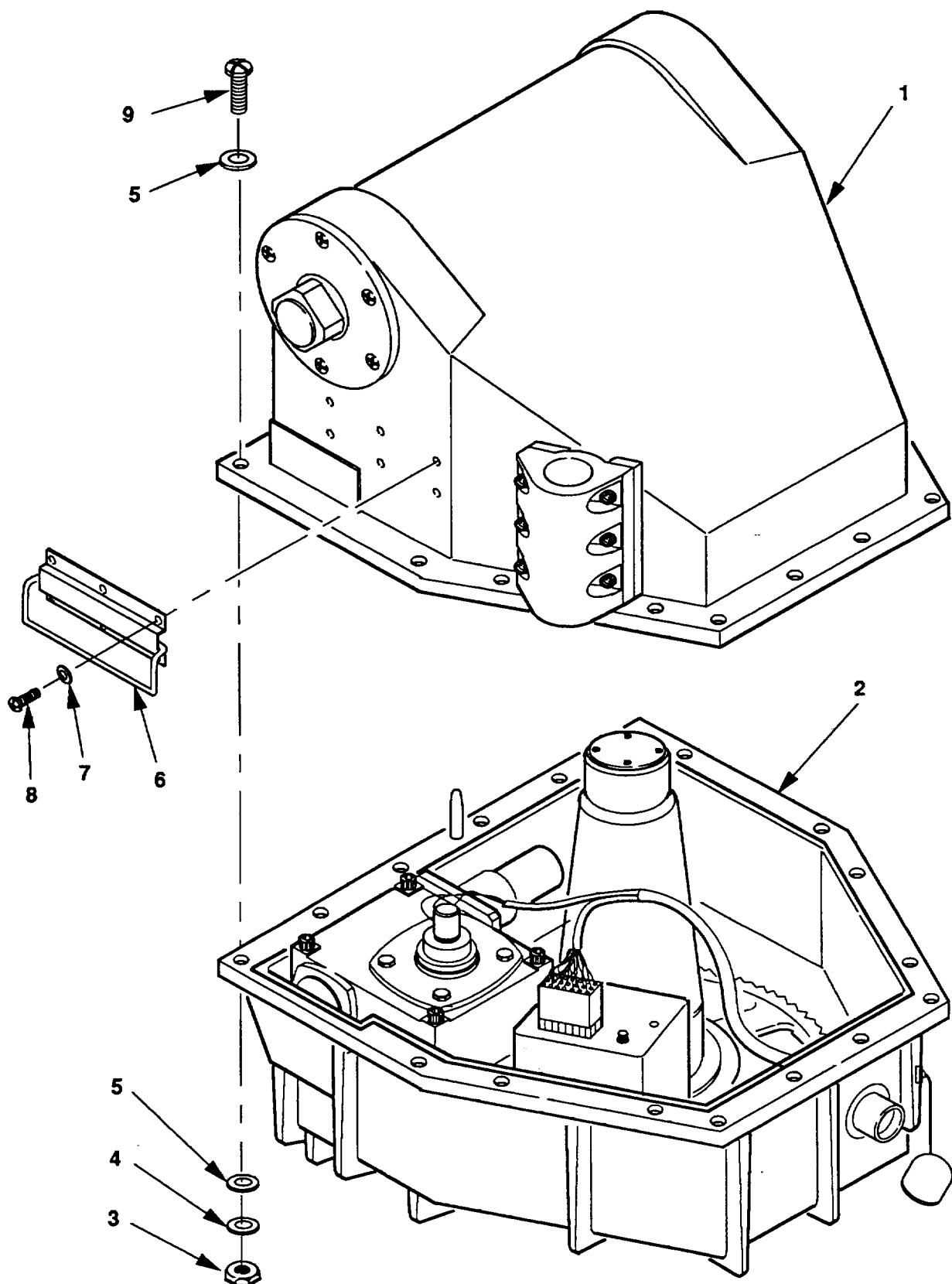


CE2M1015

Figure 12. Front Panel

| SECTION II               |                    |             |                       |  |            |
|--------------------------|--------------------|-------------|-----------------------|--|------------|
| (1)<br>ITEM<br>NO        | (2)<br>SMR<br>CODE | (3)<br>FSCM | (4)<br>PART<br>NUMBER | (5)<br>DESCRIPTION AND USABLE ON CODES (UOC) | (6)<br>QTY |
| GROUP 020101 FRONT PANEL |                    |             |                       |  |            |
| FIGURE 12                |                    |             |                       |  |            |
| 1 PAFZZ 80063            | A3157427-001       |             |                       | PANEL ELECTRICAL-EL .....                    | 1          |
| 2 PAFZZ 80063            | A3157444-001       |             |                       | PACKING, PREFORMED.....                      | 1          |
| 3 PAFZZ 80063            | A3157457-001       |             |                       | CONTROL, KEYER.....                          | 1          |
| 4 PAFZZ 80063            | A3157480-001       |             |                       | PLATE, MOUNTING.....                         | 1          |
| 5 PAFZZ 80205            | NAS620C2           |             |                       | WASHER, FLAT .....                           | 7          |
| 6 PAFZZ 96906            | MS35338-134        |             |                       | WASHER, LOCK .....                           | 7          |
| 7 PAFZZ 96906            | MS51957-4          |             |                       | SCREW, MACHINE .....                         | 7          |
| 8 PAFZZ 80205            | NA51831C4C17       |             |                       | POST, ELECTRICAL-MEC.....                    | 3          |
| 9 PAFZZ 80063            | A3157325-003       |             |                       | WASHER, FLAT .....                           | 9          |
| 10 PAFZZ 96906           | MS35338-136        |             |                       | WASHER, LOCK .....                           | 7          |
| 11 PAFZZ 96906           | MS51957-31         |             |                       | SCREW, MACHINE .....                         | 3          |
| 12 PAFZZ 80063           | A3157435-001       |             |                       | CIRCUIT CARD ASSEMB .....                    | 1          |
| 13 XAFFF 80063           | A3157437-001       |             |                       | CCA, CONTROL.....                            | 1          |
| 14 PAFZZ 96906           | MS51957-27         |             |                       | SCREW, MACHINE .....                         | 4          |
| 15 PAFZZ 80205           | NAS1829C4E12       |             |                       | POST, ELECTRICAL-MEC.....                    | 2          |
| 16 PAFZZ 80063           | A3157436-001       |             |                       | CIRCUIT CARD ASSEMB .....                    | 1          |
| 17 PAFZZ 80063           | A3157413-001       |             |                       | FILTER ELEMENT, INTA .....                   | 1          |

END OF FIGURE



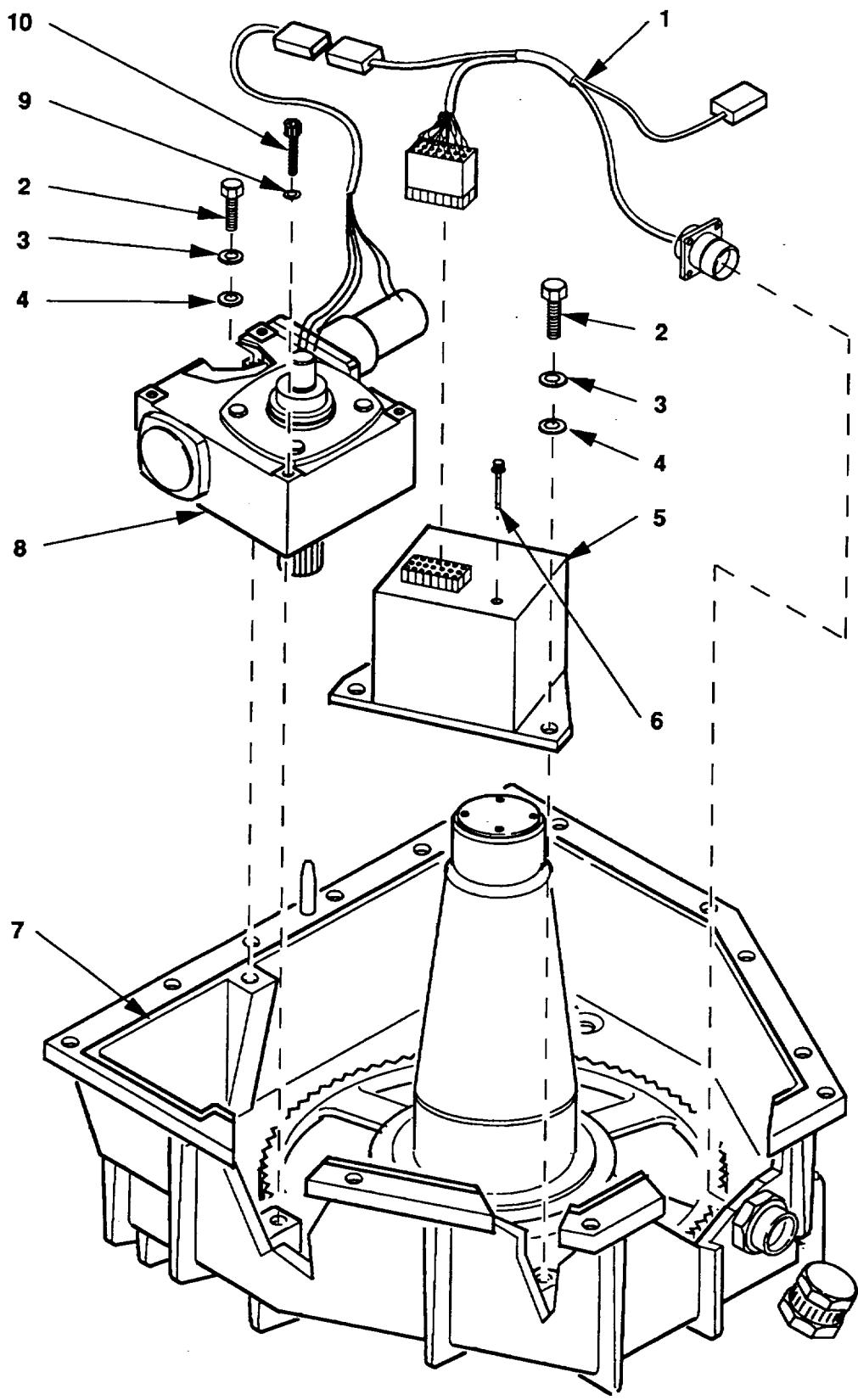
CE2M1016

Figure 13. Positioner

| SECTION II            |                    |             | (4)            | (5)   | (6) |
|-----------------------|--------------------|-------------|----------------|---|-----|
| ITEM<br>NO            | (2)<br>SMR<br>CODE | (3)<br>FSCM | PART<br>NUMBER | DESCRIPTION AND USABLE ON CODES (UOC)                         | QTY |
| GROUP 0202 POSITIONER |                    |             |                |   |     |
| FIGURE 13             |                    |             |                |   |     |
| 1                     | XBFFF              | 80063       | A3157341-001   | ELEVATION ASSEMBLY (SEE FIGURE 17 .....<br>FOR DETAILS) ..... | 1   |
| 2                     | XBFFF              | 80063       | A3157340-001   | AZIMUTH ASSEMBLY (SEE FIGURE 14.....<br>FOR DETAILS) .....    | 1   |
| 3                     | PAFZZ              | 96906       | MS35649-2254B  | NUT, PLAIN, HEXAGON .....                                     | 17  |
| 4                     | PAFZZ              | 96906       | MS35338-139B   | WASHER, LOCK .....  | 17  |
| 5                     | PAFZZ              | 80205       | NA5620C416P    | WASHER, FLAT .....  | 34  |
| 6                     | PAFZZ              | 80063       | A3157332-001   | HANDLE, MANUAL CONTR.....                                     | 2   |
| 7                     | PAFZZ              | 96906       | MS35338-136B   | WASHER, LOCK .....  | 12  |
| 8                     | PAFZZ              | 96906       | MS51957-28B    | SCREW, MACHINE .....  | 12  |
| 9                     | PAFZZ              | 96906       | MS16995-54B    | SCREW, CAP, SOCKET HE .....                                   | 17  |

END OF FIGURE

13-1



CE2MI017

Figure 14. Azimuth Assembly (Sheet 1 of 2)

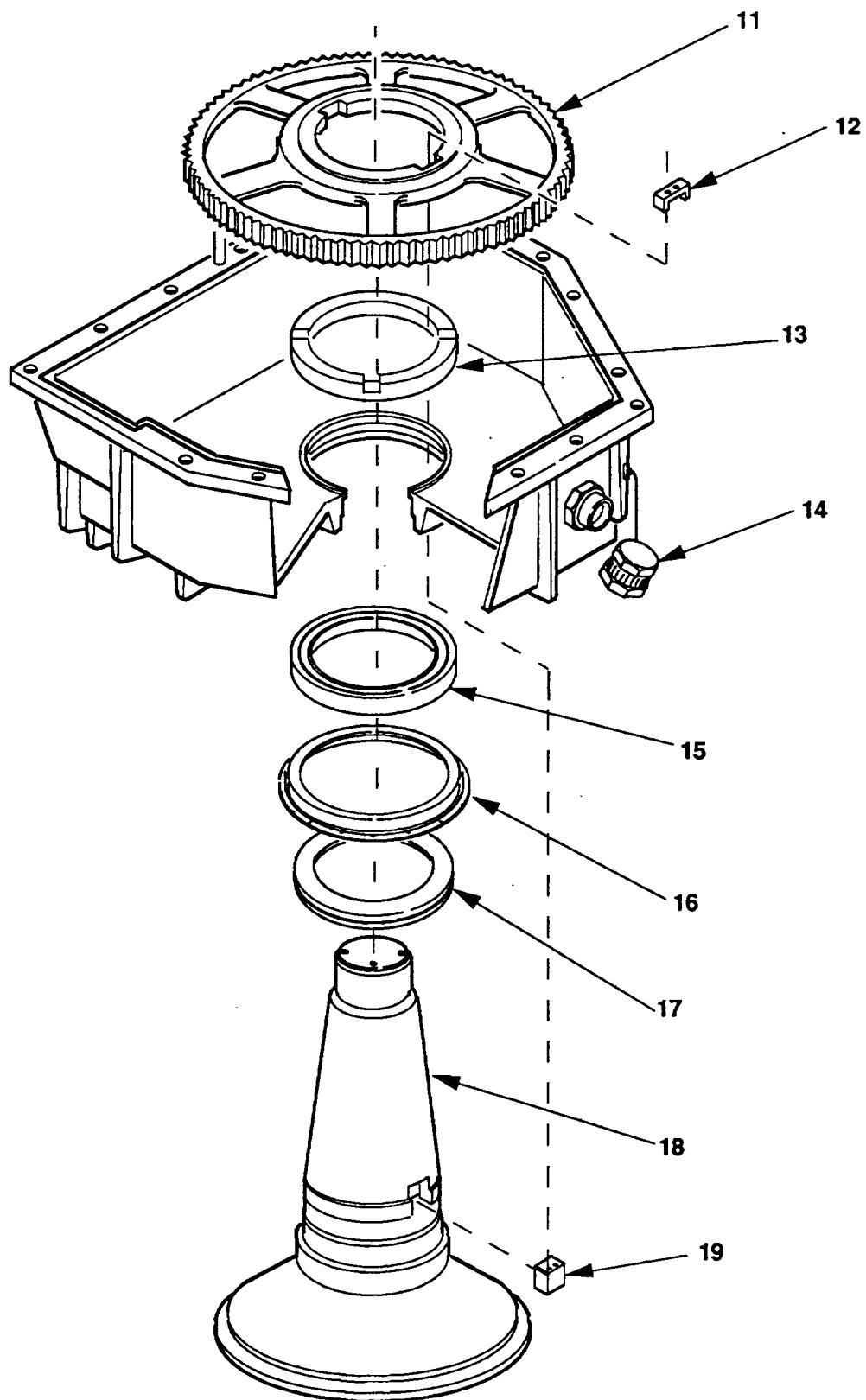
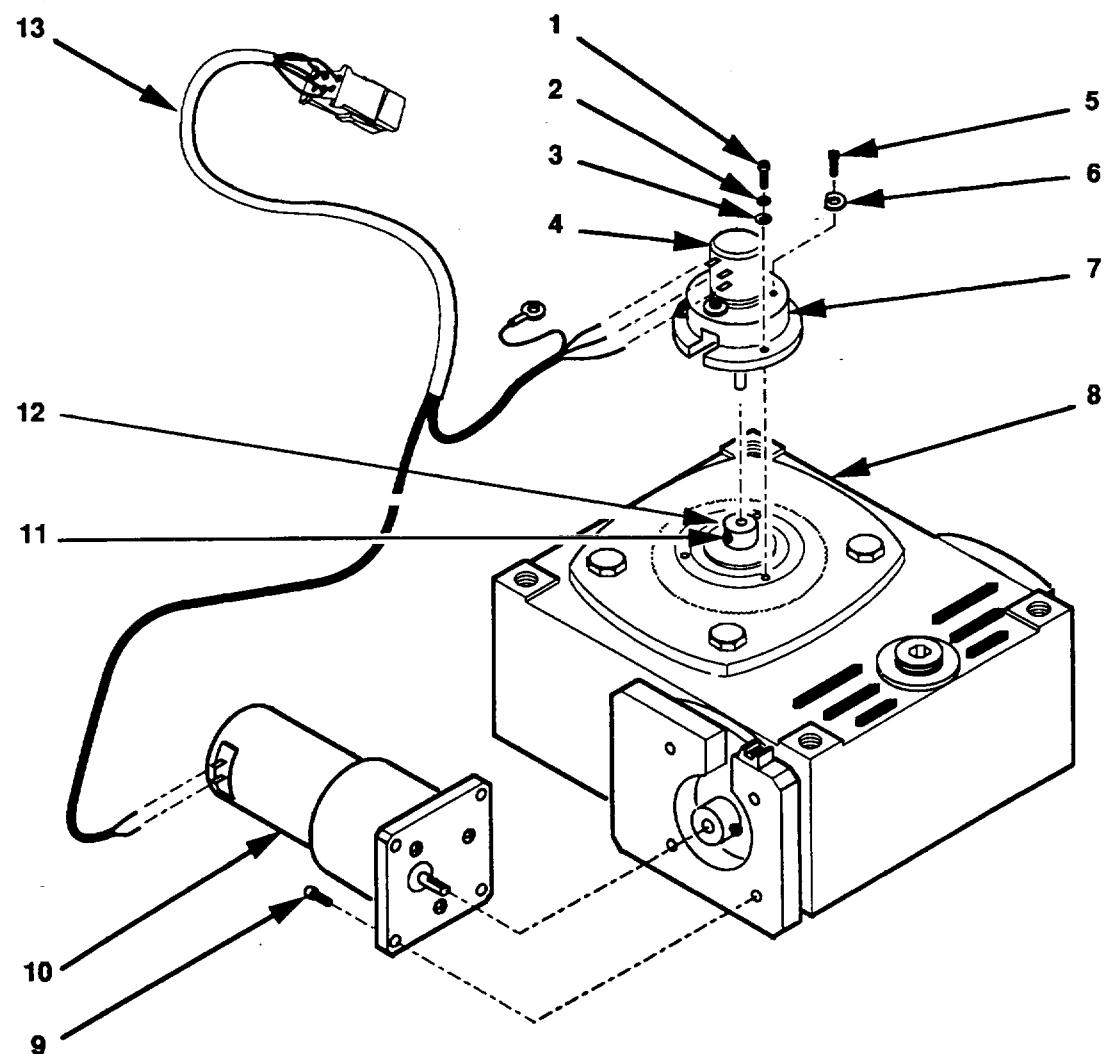


Figure 14. Azimuth Assembly (Sheet 2 of 2)

| SECTION II                    |                    |             | (4)            | (5)  | (6) |
|-------------------------------|--------------------|-------------|----------------|--|-----|
| ITEM<br>NO                    | (2)<br>SMR<br>CODE | (3)<br>FSCM | PART<br>NUMBER | DESCRIPTION AND USABLE ON CODES (UOC)                          | QTY |
| GROUP 020201 AZIMUTH ASSEMBLY |                    |             |                |  |     |
| FIGURE 14                     |                    |             |                |  |     |
| 1                             | PBFFF              | 80063       | A3157491-001   | CABLE ASSEMBLY, SPEC (SEE FIGURE 16.....<br>FOR DETAILS) ..... | 1   |
| 2                             | PAFZZ              | 96906       | M516995-26     | SCREW, CAP, SOCKET HE .....                                    | 1   |
| 3                             | PAFZZ              | 96906       | M535338-137    | WASHER, LOCK .....   | 1   |
| 4                             | PAFZZ              | 96906       | M515795-807    | WASHER, FLAT .....   | 1   |
| 5                             | PAFZZ              | 80063       | A3157305-001   | ACTUATOR, ELECTRO-ME .....                                     | 1   |
| 6                             | PAFZZ              | 75915       | 218.200        | FUSE, CARTRIDGE .....  | 1   |
| 7                             | PAFZZ              | 80063       | A3157396-001   | PACKING, PREFORMED.....  | 1   |
| 8                             | PAFFF              | 80063       | A3157307-001   | ACTUATOR, ELECTRO-ME (SEE FIGURE 15 ..<br>FOR DETAILS) .....   | 1   |
| 9                             | PAFZZ              | 96906       | M535338-139    | WASHER, LOCK .....   | 3   |
| 10                            | PAFZZ              | 96906       | M516997-70     | SCREW, CAP, SOCKET HE .....                                    | 3   |
| 11                            | PAFZZ              | 80063       | A3157352-001   | GEAR, SPUR.....  | 1   |
| 12                            | PAFZZ              | 80063       | A3157366-001   | CLAMP, HIUB .....  | 2   |
| 13                            | PAFZZ              | 80063       | A3157376-001   | SPACER, RING .....   | 1   |
| 14                            | PAFZZ              | 81349       | D38999/33W15N  | COVER, ELECTRICAL CO.....                                      | 1   |
| 15                            | PAFZZ              | 80063       | A3157311-001   | BALL, BEARING .....  | 1   |
| 16                            | PAFZZ              | 80063       | A3157337-001   | COVER, ACCESS .....  | 1   |
| 17                            | PAFZZ              | 80063       | A3157374-001   | SEAL, PLAIN ENCASED .....                                      | 1   |
| 18                            | PAFZZ              | 80063       | A3157354-001   | SHAFT, SHOULDERED .....  | 1   |
| 19                            | PAFZZ              | 80063       | A3157375-001   | KEY, MACHINE .....   | 2   |

END OF FIGURE



CE2M1019

Figure 15. Actuator, Electro-Mechanical, Rotary

| SECTION II        |                    |             |                       | (5)                                   | (6) |
|-------------------|--------------------|-------------|-----------------------|---------------------------------------|-----|
| (1)<br>ITEM<br>NO | (2)<br>SMR<br>CODE | (3)<br>FSCM | (4)<br>PART<br>NUMBER | DESCRIPTION AND USABLE ON CODES (UOC) | QTY |

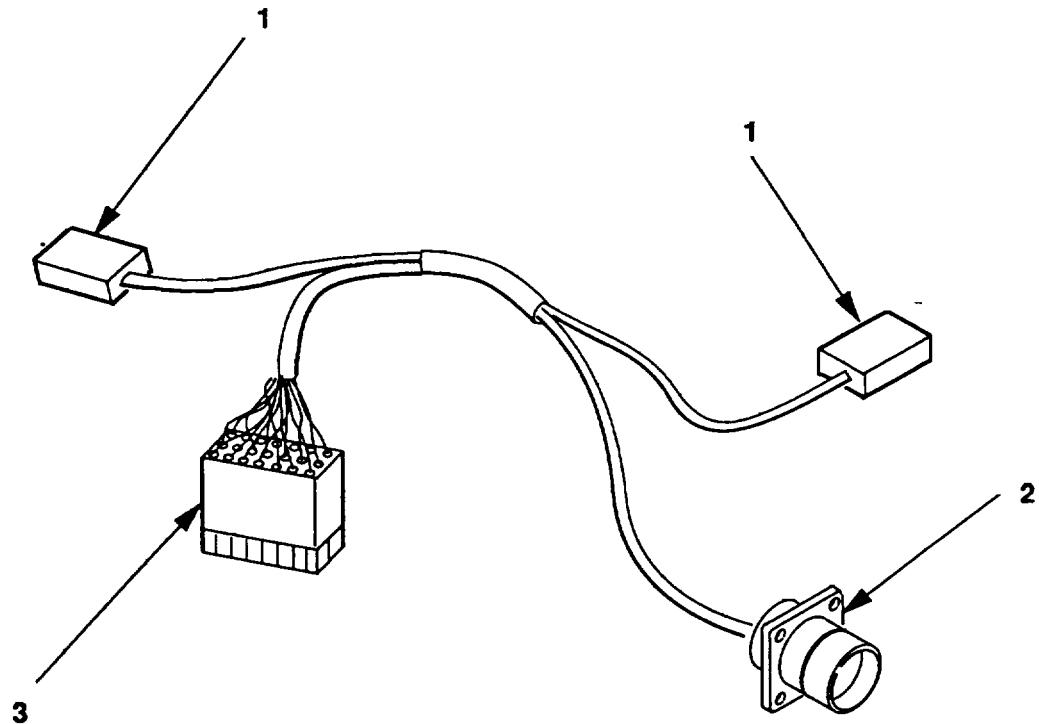
GROUP 02020101 ACTUATOR, ELECTRO-MECHANICAL ROTARY

FIGURE 15

|    |       |       |              |                             |   |
|----|-------|-------|--------------|-----------------------------|---|
| 1  | PAFZZ | 96906 | M516995-17   | SCREW, CAP, SOCKET HE ..... | 3 |
| 2  | PAFZZ | 96906 | M535338-136  | WASHER, LOCK .....          | 3 |
| 3  | PAFZZ | 96906 | MS15795-805  | WASHER, FLAT .....          | 3 |
| 4  | PAFZZ | 80063 | A3157519-001 | RESISTOR, VARIABLE .....    | 1 |
| 5  | PAFZZ | 96906 | M551957-12   | SCREW, MACHINE .....        | 3 |
| 6  | PAFZZ | 80063 | A3157521-001 | WASHER FLAT .....           | 3 |
| 7  | PAFZZ | 80063 | A3157522-001 | PLATE, MOUNTING .....       | 1 |
| 8  | PDFFF | 80063 | A3157314-001 | ACTUATOR, ELECTRO-ME .....  | 1 |
| 9  | PAFZZ | 96906 | M516995-25   | SCREW, CAP, SOCKET HE ..... | 4 |
| 10 | PAFZZ | 80063 | A3157518-001 | MOTOR, DIRECT CURREN.....   | 1 |
| 11 | PAFZZ | 80063 | A3157525-001 | SETSCREW .....              | 1 |
| 12 | PAFZZ | 80063 | A3157526-001 | BEARING, SLEEVE .....       | 1 |
| 13 | PAFZZ | 80063 | A3157492-001 | CABLE ASSEMBLY, SPEC .....  | 1 |

END OF FIGURE

15-1



*Figure 16. Cable Assembly, Special purposes*

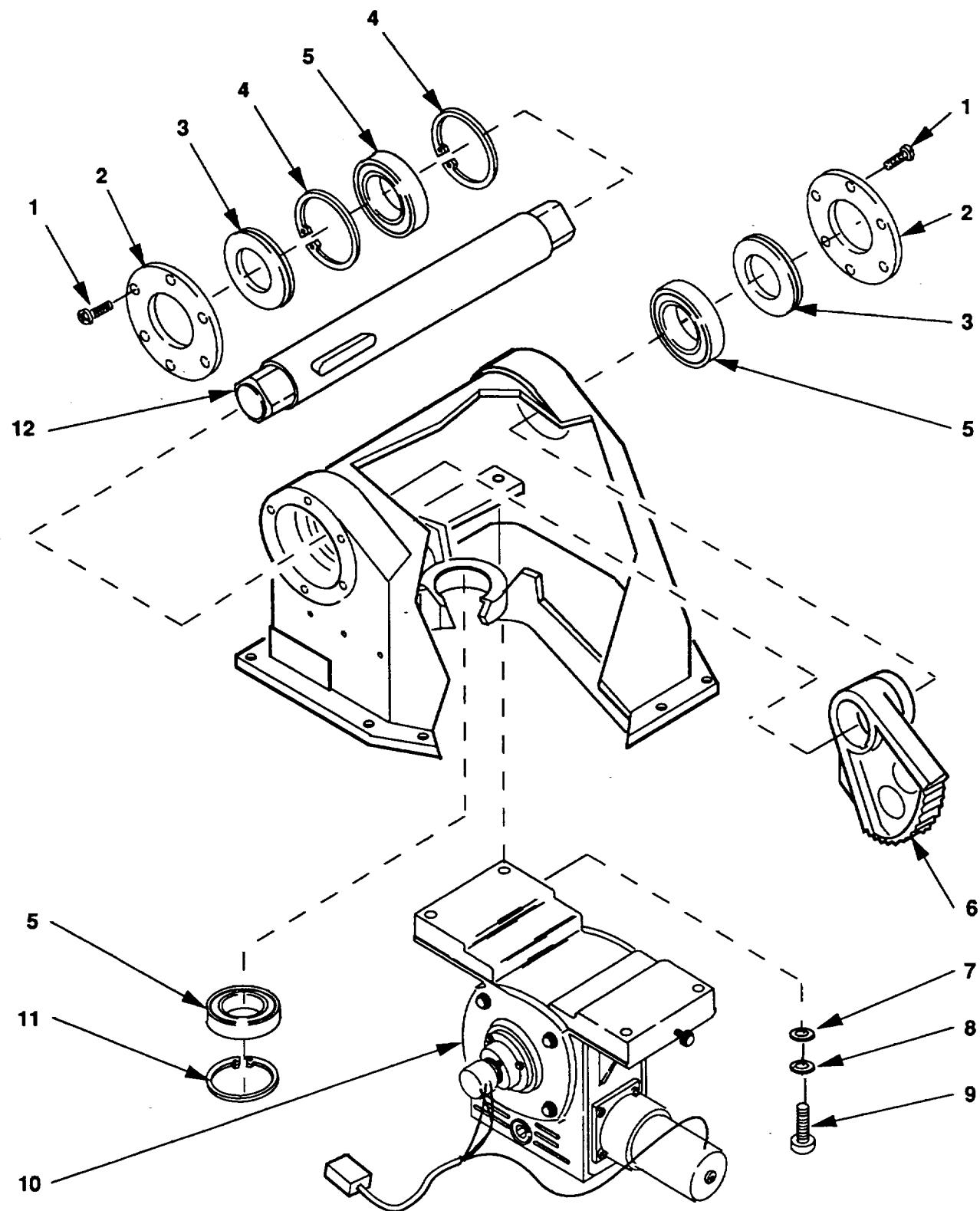
**SECTION II**

TM 11-5985-394-23P

| (1)<br>ITEM<br>NO                                  | (2)<br>SMR<br>CODE | (3)<br>FSCM | (4)<br>PART<br>NUMBER | (5)<br>DESCRIPTION AND USABLE ON CODES (UOC) | (6)<br>QTY |
|--|--------------------|-------------|-----------------------|--|------------|
| GROUP 02020102 CABLE ASSEMBLY,<br>SPECIAL PURPOSES |                    |             |                       |  |            |
| FIGURE 16  |                    |             |                       |  |            |
|  |                    |             |                       |  |            |
| 1  | PAFZZ              | 09922       | SMS6R-1               | CONNECTOR, PLUG, ELEC.....                   | 2          |
| 2  | PAFZA              | 81349       | D38999/24WD19PN       | CONNECTOR, RECEPTACL .....                   | 1          |
| 3  | PAFZZ              | 09922       | SMS24P-1              | CONNECTOR BODY, PLUG.....                    | 1          |

END OF FIGURE

16-1



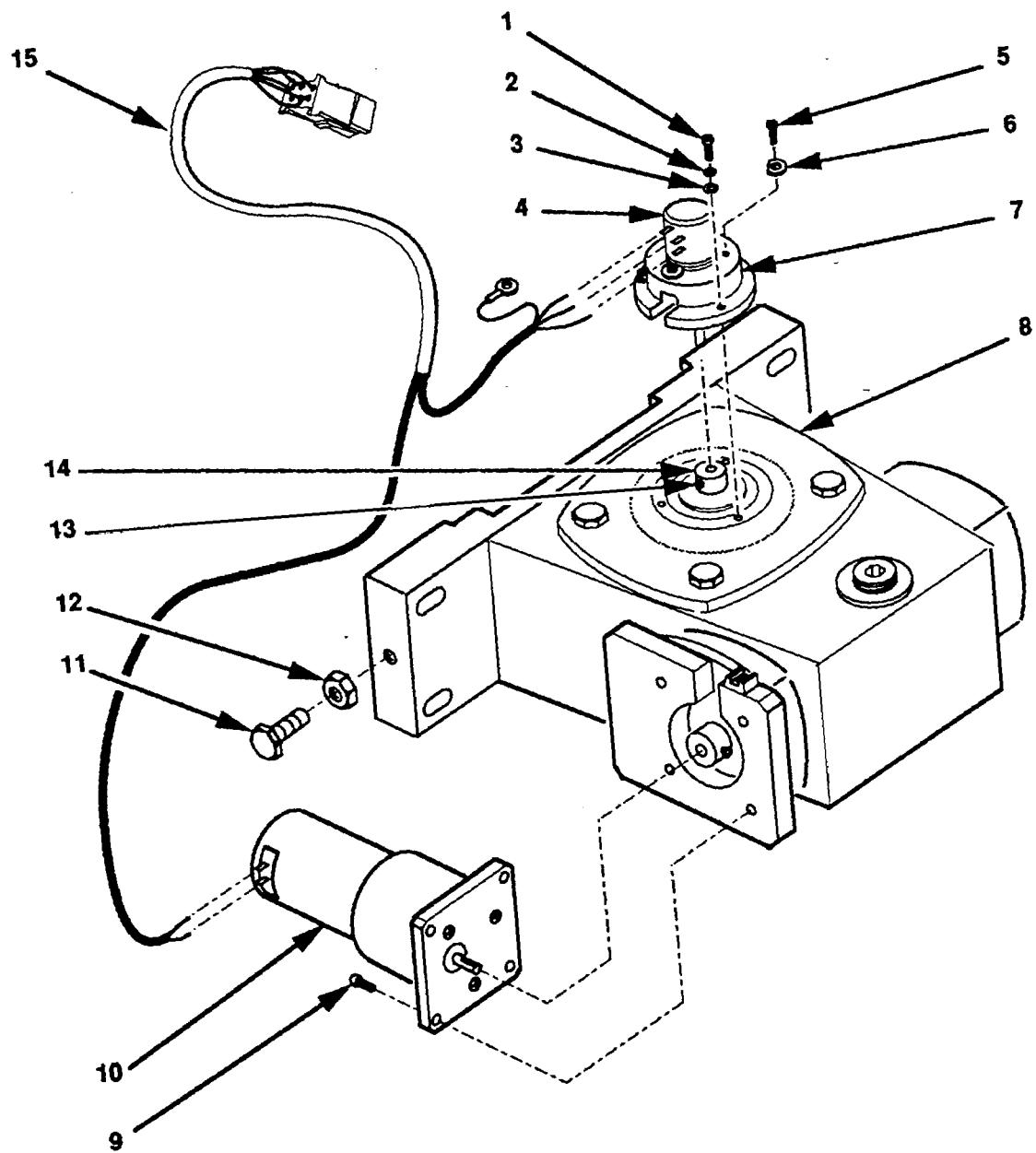
CE2M1021

Figure 17. Elevation Assembly

| SECTION II                      |                    |             | (4)            | (5)                                       | (6) |
|---------------------------------|--------------------|-------------|----------------|---|-----|
| ITEM<br>NO                      | (2)<br>SMR<br>CODE | (3)<br>FSCM | PART<br>NUMBER | DESCRIPTION AND USABLE ON CODES (UOC)     | QTY |
| GROUP 020202 ELEVATION ASSEMBLY |                    |             |                |   |     |
| FIGURE 17                       |                    |             |                |   |     |
| 1 PAFZZ 96906                   | MS51959-29         |             |                | SCREW, MACHINE .....                      | 12  |
| 2 PAFZZ 80063                   | A3157350-001       |             |                | COVER, ACCESS .....                       | 2   |
| 3 PAFZZ 80063                   | A3157373-001       |             |                | SEAL, PLAIN ENCASED .....                 | 2   |
| 4 PAFZZ 80063                   | A3157508-001       |             |                | RING, RETAINING .....                     | 2   |
| 5 PAFZZ 80063                   | A3157312-001       |             |                | BEARING, BALL AND RO .....                | 3   |
| 6 PAFZZ 80063                   | A3157382-001       |             |                | GEAR, SPUR .....                          | 1   |
| 7 PAFZZ 96906                   | MS15795-811        |             |                | WASHER, FLAT .....                        | 4   |
| 8 PAFZZ 96906                   | MS35338-140        |             |                | WASHER, LOCK .....                        | 4   |
| 9 PAFZZ 80204                   | B1821BH031C150N    |             |                | BOLT, MACHINE .....                       | 4   |
| 10 PAFFF 80063                  | A3157308-001       |             |                | ACTUATOR, ELECTRO-ME (SEE FIGURE 18 ..... | 1   |
|                                 |                    |             |                | FOR DETAILS) .....                        |     |
| 11 PAFZZ 80063                  | A3157509-001       |             |                | RING, RETAINING .....                     | 1   |
| 12 XBFZZ 80063                  | A3157343-001       |             |                | SHAFT, ELEVATION .....                    | 1   |

END OF FIGURE

17-1



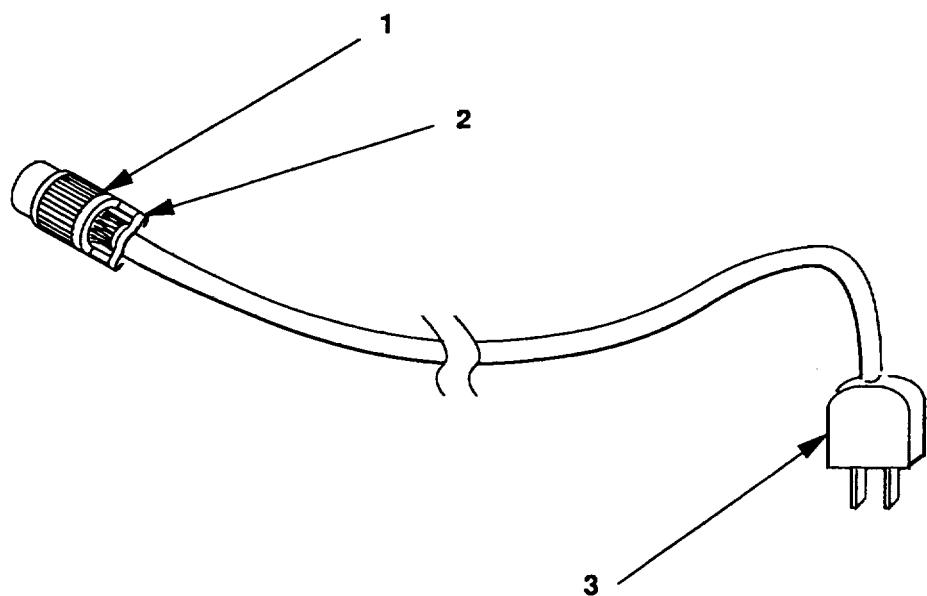
CE2M102

Figure 18. Actuator, Electro-Mechanical, Rotary

| SECTION II |                    |             |  | (5)  | (6) |  |  |
|------------|--------------------|-------------|--|--|-----|--|--|
| ITEM<br>NO | (2)<br>SMR<br>CODE | (3)<br>FSCM | (4)<br>PART<br>NUMBER                              | DESCRIPTION AND USABLE ON CODES (UOC)                | QTY |  |  |
|            |                    |             | GROUP 02020201 ACTUATOR, ELECTRO-MECHANICAL ROTARY |  |     |  |  |
|            |                    |             | FIGURE 18  |  |     |  |  |
| 1          | PAFZZ              | 96906       | MS16995-17   | SCREW, CAP, SOCKET HE .....                          | 3   |  |  |
| 2          | PAFZZ              | 96906       | MS35338-136  | WASHER, LOCK .....                                   | 3   |  |  |
| 3          | PAFZZ              | 96906       | MS15795-805  | WASHER, FLAT .....                                   | 3   |  |  |
| 4          | PAFZZ              | 80063       | A3157519-001                                       | RESISTOR, VARIABLE .....                             | 1   |  |  |
| 5          | PAFZZ              | 96906       | MS51957-12   | SCREW, MACHINE .....                                 | 3   |  |  |
| 6          | PAFZZ              | 80063       | A3157521-001                                       | WASHER FLAT .....                                    | 3   |  |  |
| 7          | PAFZZ              | 80063       | A3157522-001                                       | PLATE, MOUNTING .....                                | 1   |  |  |
| 8          | PDFFF              | 80063       | A3157315-001                                       | ACTUATOR, ELECTRO-ME ACTUATOR, ELEVATION DRIVE ..... | 1   |  |  |
| 9          | PAFZZ              | 96906       | M516995-25   | SCREW, CAP, SOCKET HE .....                          | 4   |  |  |
| 10         | PAFZZ              | 80063       | A3157518-001                                       | MOTOR, DIRECT CURREN..                               | 1   |  |  |
| 11         | PAFZZ              | 96906       | MS35307-305  | SCREW, CAP, HEXAGON H .....                          | 2   |  |  |
| 12         | PAFZZ              | 96906       | M551971-1  | NUT, PLAIN, HEXAGON .....                            | 2   |  |  |
| 13         | PAFZZ              | 80063       | A3157525-001                                       | SETSCREW .....                                       | 1   |  |  |
| 14         | PAFZZ              | 80063       | A3157526-001                                       | BEARING, SLEEVE .....                                | 1   |  |  |
| 15         | PAFZZ              | 80063       | A3157492-002                                       | CABLE ASSEMBLY, SPEC .....                           | 1   |  |  |

END OF FIGURE

18-1



*Figure 19. Cable Assembly, W2*

| SECTION II                    |                    |             | TM 11-5985-394-23P    |  |            |
|-------------------------------|--------------------|-------------|-----------------------|--|------------|
| (1)<br>ITEM<br>NO             | (2)<br>SMR<br>CODE | (3)<br>FSCM | (4)<br>PART<br>NUMBER | (5)<br>DESCRIPTION AND USABLE ON CODES (UOC) | (6)<br>QTY |
| GROUP 0204 CABLE ASSEMBLY, W2 |                    |             |                       |  |            |
| FIGURE 19                     |                    |             |                       |  |            |
| 1 PAFZA 81349                 | D38999/26WA98SN    |             |                       | CONNECTOR, PLUG, ELEC.....                   | 1          |
| 2 PAFZZ 81349                 | M85049/38S-9W      |             |                       | CLAMP, CABLE, ELECTRI.....                   | 1          |
| 3 PAFZZ 80063                 | A3156765-001       |             |                       | CONNECTOR, PLUG, ELEC.....                   | 1          |

END OF FIGURE

**19-1**

**CROSS-REFERENCE-INDEXES**  
**NATIONAL STOCK NUMBER INDEX**

| STOCK NUMBER     | FIG | ITEM | STOCK NUMBER     | FIG | ITEM |
|------------------|-----|------|------------------|-----|------|
| 5305-00-021-3616 | 18  | 11   | 5305-01-232-6728 | 15  | 11   |
| 5310-00-043-4708 | 12  | 5    |                  | 18  | 13   |
| 5305-00-054-5638 | 12  | 7    | 5340-01-246-8425 | 12  | 8    |
| 5305-00-054-5646 | 15  | 5    | 5920-01-251-7998 | 14  | 6    |
|                  | 18  | 5    | 5935-01-267-6620 | 11  | 17   |
| 5305-00-054-5648 | 11  | 5    | 5935-01-267-6621 | 16  | 2    |
| 5305-00-054-6650 | 11  | 8    | 5935-01-282-9838 | 11  | 18   |
| 5305-00-054-6651 | 12  | 14   | 5935-01-300-2279 | 11  | 9    |
| 5305-00-054-6655 | 12  | 11   |                  | 14  | 14   |
| 5305-00-054-6657 | 11  | 2    | 5310-01-309-9476 | 13  | 5    |
| 8315-00-106-5973 | 2   | 14   | 5935-01-321-8973 | 19  | 2    |
| 5940-00-113-8179 | 11  | 19   | 4710-01-348-2243 | 5   | 14   |
| 5940-00-204-8966 | 11  | 24   | 5940-01-348-2244 | 2   | 22   |
| 5310-00-224-0747 | 13  | 7    | 5920-01-348-2245 | 11  | 21   |
| 5306-00-226-4831 | 17  | 9    | 5310-01-348-2246 | 5   | 9    |
| 5310-00-232-0744 | 11  | 7    | 5975-01-348-2247 | 2   | 26   |
| 4020-00-242-4083 | 2   | 23   | 5330-01-348-2248 | 12  | 2    |
| 5310-00-243-4764 | 13  | 4    | 5330-01-348-2249 | 14  | 7    |
| 5920-00-280-9320 | 11  | 10   | 5330-01-348-2250 | 11  | 12   |
| 5305-00-448-6500 | 13  | 8    | 5935-01-348-2253 | 19  | 3    |
| 5310-00-554-2407 | 11  | 4    | 5935-01-348-2254 | 11  | 25   |
|                  | 12  | 9    | 5320-01-348-2255 | 2   | 21   |
| 5310-00-680-6745 | 17  | 7    | 3110-01-348-2256 | 14  | 15   |
| 5310-00-722-5998 | 15  | 3    | 3110-01-348-2257 | 17  | 5    |
|                  | 18  | 3    | 5365-01-348-2258 | 4   | 6    |
| 5305-00-727-8832 | 17  | 1    |                  | 5   | 4    |
| 5310-00-880-5978 | 14  | 4    |                  | 6   | 11   |
| 5930-00-892-9714 | 11  | 23   |                  | 7   | 3    |
| 5310-00-903-5966 | 18  | 12   |                  | 9   | 5    |
| 5310-00-928-2690 | 12  | 6    | 5340-01-348-2260 | 14  | 16   |
| 5310-00-929-6395 | 11  | 3    | 5340-01-348-2261 | 17  | 2    |
|                  | 12  | 10   | 5995-01-348-2263 | 10  | 3    |
|                  | 15  | 2    | 5995-01-348-2265 | 10  | 2    |
|                  | 18  | 2    | 5995-01-348-2267 | 15  | 13   |
| 5310-00-933-8118 | 11  | 6    | 5995-01-348-2268 | 14  | 1    |
| 5310-00-933-8119 | 14  | 3    | 5995-01-348-2269 | 18  | 15   |
| 5310-00-933-8121 | 14  | 9    | 5995-01-348-2270 | 11  | 16   |
| 5305-00-959-0382 | 15  | 1    | 4010-01-348-2295 | 5   | 15   |
|                  | 18  | 1    | 4010-01-348-2298 | 2   | 6    |
| 5310-00-974-6623 | 17  | 8    | 4010-01-348-2299 | 2   | 4    |
| 5305-00-978-9389 | 14  | 10   | 4010-01-348-2300 | 2   | 5    |
| 5305-00-988-7601 | 15  | 9    | 4010-01-348-2301 | 2   | 1    |
|                  | 18  | 9    | 4010-01-348-2302 | 2   | 3    |
| 5305-00-988-7602 | 14  | 2    | 4030-01-348-2303 | 2   | 11   |
| 5935-01-013-9679 | 16  | 1    | 4030-01-348-2304 | 2   | 8    |
| 5305-01-016-5521 | 13  | 9    | 4030-01-348-2305 | 2   | 9    |
| 5310-01-064-5484 | 13  | 3    | 5985-01-348-2319 | 3   | 2    |
| 5935-01-072-3922 | 16  | 3    | 5985-01-348-2320 | 2   | 16   |
| 5935-01-190-7605 | 19  | 1    | 5985-01-348-2321 | 2   | 29   |
| 5340-01-223-7961 | 12  | 15   | 5315-01-348-2331 | 14  | 19   |

**CROSS-REFERENCE-INDEXES**  
**NATIONAL STOCK NUMBER INDEX**

| STOCK NUMBER     | FIG | ITEM | STOCK NUMBER     | FIG | ITEM |
|------------------|-----|------|------------------|-----|------|
| 5315-01-348-2332 | 4   | 2    | 5340-01-348-5885 | 5   | 12   |
|                  | 5   | 7    | 3950-01-349-2445 | 2   | 13   |
| 5315-01-348-2333 | 5   | 10   | 5985-01-349-2663 | 2   | 2    |
| 5315-01-348-2334 | 5   | 13   | 5340-01-349-2671 | 2   | 17   |
| 5315-01-348-2335 | 7   | 4    | 5985-01-349-2683 | 2   | 15   |
| 5315-01-348-2336 | 9   | 3    | 5360-01-349-2684 | 8   | 8    |
| 5315-01-348-2337 | 8   | 6    | 5120-01-349-2687 | 2   | 33   |
| 3040-01-348-2338 | 14  | 12   | 3020-01-349-2688 | 9   | 1    |
| 3040-01-348-2339 | 4   | 3    | 3020-01-349-2689 | 6   | 9    |
| 3040-01-348-2340 | 8   | 5    |                  | 8   | 1    |
| 3040-01-348-2341 | 14  | 18   | 5340-01-349-2690 | 2   | 24   |
| 5985-01-348-2342 | 10  | 4    | 5340-01-349-2692 | 7   | 5    |
| 5985-01-348-2343 | 6   | 1    | 4020-01-349-5327 | 2   | 31   |
| 5445-01-348-2351 | 5   | 11   | 5985-01-349-9226 | 3   | 1    |
| 4730-01-348-2352 | 2   | 32   | 5315-01-349-9228 | 9   | 6    |
| 2940-01-348-2366 | 12  | 17   | 5315-01-349-9229 | 8   | 7    |
| 5340-01-348-2369 | 13  | 6    | 5315-01-349-9230 | 2   | 7    |
| 5340-01-348-2370 | 9   | 7    | 3030-01-349-9231 | 6   | 2    |
| 3020-01-348-2371 | 17  | 6    | 3020-01-349-9233 | 14  | 11   |
| 3010-01-348-2372 | 17  | 10   | 5340-01-349-9244 | 12  | 4    |
| 3010-01-348-2373 | 18  | 8    | 5315-01-350-5780 | 5   | 8    |
| 3010-01-348-2374 | 14  | 8    | 6635-01-350-5843 | 2   | 28   |
| 3010-01-348-2375 | 15  | 8    | 5365-01-350-5864 | 17  | 11   |
| 3010-01-348-2376 | 14  | 5    | 5995-01-350-5878 | 2   | 27   |
| 5895-01-348-2380 | 12  | 3    | 5365-01-351-1452 | 5   | 16   |
| 5305-01-348-2383 | 11  | 13   | 5365-01-351-1453 | 17  | 4    |
| 5998-01-348-2389 | 12  | 12   | 5905-01-353-9889 | 15  | 4    |
| 5998-01-348-2390 | 12  | 16   |                  | 18  | 4    |
| 5365-01-348-2411 | 14  | 13   | 5310-01-353-9897 | 15  | 6    |
| 5330-01-348-4098 | 14  | 17   |                  | 18  | 6    |
| 5330-01-348-4099 | 17  | 3    | 3120-01-353-9899 | 6   | 8    |
| 5950-01-348-4100 | 11  | 22   |                  | 8   | 2    |
| 4010-01-348-4101 | 9   | 2    | 3120-01-353-9901 | 15  | 12   |
| 8105-01-348-4102 | 2   | 34   |                  | 18  | 14   |
| 8105-01-348-4103 | 2   | 36   | 5340-01-353-9905 | 2   | 45   |
| 8105-01-348-4104 | 2   | 42   | 8105-01-353-9917 | 2   | 44   |
| 8105-01-348-4105 | 2   | 38   | 6105-01-353-9922 | 15  | 10   |
| 8105-01-348-4106 | 2   | 40   |                  | 18  | 10   |
| 5985-01-348-4108 | 5   | 1    | 5920-01-353-9932 | 2   | 19   |
| 5315-01-348-4110 | 4   | 4    | 5340-01-353-9937 | 15  | 7    |
|                  | 5   | 3    |                  | 18  | 7    |
|                  | 6   | 13   | 5985-01-354-4412 | 5   | 6    |
| 5315-01-348-4111 | 5   | 5    | 3950-01-354-9432 | 2   | 10   |
| 5340-01-348-4113 | 6   | 4    | 5935-01-355-1037 | 11  | 14   |
| 5305-01-348-5763 | 11  | 15   | 5310-01-355-4074 | 6   | 10   |
| 5920-01-348-5769 | 11  | 20   |                  | 8   | 3    |
| 5920-01-348-5770 | 11  | 11   | 5315-01-355-9714 | 6   | 6    |
| 3110-01-348-5810 | 4   | 1    |                  | 8   | 4    |
| 5985-01-348-5871 | 2   | 30   | 5365-01-359-3565 | 10  | 5    |
| 3040-01-348-5878 | 6   | 7    |                  |     |      |

**CROSS-REFERENCE INDEX  
PART NUMBER INDEX**

| <b>CAGEC</b> | <b>PART NUMBER</b> | <b>STOCK NUMBER</b> | <b>FIG</b> | <b>ITEM</b> |
|--------------|--------------------|---------------------|------------|-------------|
| 80063        | A3156763-001       | 5995-01-348-2263    | 10         | 3           |
| 80063        | A3156765-001       | 5935-01-348-2253    | 19         | 3           |
| 80063        | A3156776-001       |                     | 10         | 6           |
| 80063        | A3156778-001       | 5365-01-359-3565    | 10         | 5           |
| 80063        | A3156801-001       |                     | 1          | 2           |
| 80063        | A3156802-001       |                     | 2          | 25          |
| 80063        | A3156803-001       | 4030-01-348-2303    | 2          | 11          |
| 80063        | A3156804-001       |                     | 2          | 12          |
| 80063        | A3156805-001       | 3950-01-354-9432    | 2          | 10          |
| 80063        | A3156807-001       | 5120-01-349-2687    | 2          | 33          |
| 80063        | A3156808-001       | 5315-01-349-9230    | 2          | 7           |
| 80063        | A3156810-001       | 4010-01-348-2298    | 2          | 6           |
| 80063        | A3156811-001       | 4020-01-349-5327    | 2          | 31          |
| 80063        | A3156813-001       | 5985-01-349-2683    | 2          | 15          |
| 80063        | A3156814-001       | 4010-01-348-2299    | 2          | 4           |
| 80063        | A3156816-001       | 4010-01-348-2302    | 2          | 3           |
| 80063        | A3156818-001       | 5985-01-349-2663    | 2          | 2           |
| 80063        | A3156820-001       | 4030-01-348-2304    | 2          | 8           |
| 80063        | A3156821-001       | 4030-01-348-2305    | 2          | 9           |
| 80063        | A3156822-001       | 4730-01-348-2352    | 2          | 32          |
| 80063        | A3156823-001       | 6635-01-350-5843    | 2          | 28          |
| 80063        | A3156825-001       |                     | 2          | 35          |
| 80063        | A3156826-001       | 8105-01-348-4103    | 2          | 36          |
| 80063        | A3156827-001       |                     | 2          | 37          |
| 80063        | A3156828-001       | 8105-01-348-4104    | 2          | 42          |
| 80063        | A3156829-001       |                     | 2          | 41          |
| 80063        | A3156830-001       | 8105-01-348-4105    | 2          | 38          |
| 80063        | A3156831-001       | 8105-01-348-4106    | 2          | 40          |
| 80063        | A3156832-001       |                     | 2          | 39          |
| 80063        | A3156834-001       | 5985-01-348-2319    | 3          | 2           |
| 80063        | A3156835-001       | 5985-01-349-9226    | 3          | 1           |
| 80063        | A3156839-001       |                     | 6          | 3           |
| 80063        | A3156843-001       | 3040-01-348-5878    | 6          | 7           |
| 80063        | A3156847-001       | 5315-01-348-2335    | 7          | 4           |
| 80063        | A3156858-001       | 5365-01-348-2258    | 4          | 6           |
|              |                    |                     | 5          | 4           |
|              |                    |                     | 6          | 11          |
|              |                    |                     | 7          | 3           |
|              |                    |                     | 9          | 5           |
| 80063        | A3156861-001       | 5340-01-349-2692    | 7          | 5           |
| 80063        | A3156863-001       | 5985-01-348-2343    | 6          | 1           |
| 80063        | A3156864-001       |                     | 6          | 5           |
| 80063        | A3156865-001       | 3030-01-349-9231    | 6          | 2           |
| 80063        | A3156866-001       | 5340-01-348-4113    | 6          | 4           |
| 80063        | A3156868-001       | 5985-01-348-5871    | 2          | 30          |
| 80063        | A3156886-001       | 5315-01-348-4110    | 4          | 4           |
|              |                    |                     | 5          | 3           |
|              |                    |                     | 6          | 13          |
| 80063        | A3156887-001       | 3040-01-348-2339    | 4          | 3           |
| 80063        | A3156888-001       | 3110-01-348-5810    | 4          | 1           |
| 80063        | A3156895-001       | 5315-01-348-2333    | 5          | 10          |

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|--------------|--------------------|---------------------|------------|-------------|
| 80063        | A3156896-001       | 5315-01-348-2334    | 5          | 13          |
| 80063        | A3156898-001       | 5315-01-349-9229    | 8          | 7           |
| 80063        | A3156900-001       | 5360-01-349-2684    | 8          | 8           |
| 80063        | A3156903-001       | 5315-01-348-2337    | 8          | 6           |
| 80063        | A3156904-001       | 3020-01-349-2689    | 6          | 9           |
|              |                    |                     | 8          | 1           |
| 80063        | A3156906-001       | 3040-01-348-2340    | 8          | 5           |
| 80063        | A3156912-001       | 5985-01-348-2321    | 2          | 29          |
| 80063        | A3156920-001       | 5445-01-348-2351    | 5          | 11          |
| 80063        | A3156921-001       | 5340-01-348-5885    | 5          | 12          |
| 80063        | A3156922-001       | 5315-01-350-5780    | 5          | 8           |
| 80063        | A3156923-001       | 4710-01-348-2243    | 5          | 14          |
| 80063        | A3156924-001       | 5315-01-348-4111    | 5          | 5           |
| 80063        | A3156927-001       | 5985-01-354-4412    | 5          | 6           |
| 80063        | A3156931-001       | 5985-01-348-4108    | 5          | 1           |
| 80063        | A3156933-001       | 4010-01-348-2295    | 5          | 15          |
| 80063        | A3156956-001       | 5315-01-349-9228    | 9          | 6           |
| 80063        | A3156987-001       | 5340-01-348-2370    | 9          | 7           |
| 80063        | A3156992-001       | 5315-01-348-2336    | 9          | 3           |
| 80063        | A3157004-001       | 5340-01-349-2690    | 2          | 24          |
| 80063        | A3157032-001       | 5975-01-348-2247    | 2          | 26          |
| 80063        | A3157036-001       | 4010-01-348-4101    | 9          | 2           |
| 80063        | A3157041-001       | 5920-01-353-9932    | 2          | 19          |
| 80063        | A3157042-001       |                     | 2          | 18          |
| 80063        | A3157043-001       | 5995-01-350-5878    | 2          | 27          |
| 80063        | A3157049-001       |                     | 2          | 20          |
| 80063        | A3157063-001       | 5940-01-348-2244    | 2          | 22          |
| 80063        | A3157073-001       | 5365-01-351-1452    | 5          | 16          |
| 80063        | A3157140-001       | 3950-01-349-2445    | 2          | 13          |
| 80063        | A3157147-001       | 8105-01-348-4102    | 2          | 34          |
| 80063        | A3157151-001       | 4010-01-348-2301    | 2          | 1           |
| 80063        | A3157152-001       | 4010-01-348-2300    | 2          | 5           |
| 80063        | A3157158-001       | 5340-01-353-9905    | 2          | 45          |
| 80063        | A3157162-001       | 3020-01-349-2688    | 9          | 1           |
| 80063        | A3157166-001       | 5985-01-348-2320    | 2          | 16          |
| 80063        | A3157176-002       | 5315-01-355-9714    | 6          | 6           |
|              |                    |                     | 8          | 4           |
| 80063        | A3157176-003       | 5315-01-348-2332    | 4          | 2           |
|              |                    |                     | 5          | 7           |
| 80063        | A3157177-003       | 5310-01-355-4074    | 6          | 10          |
|              |                    |                     | 8          | 3           |
| 80063        | A3157177-004       | 5310-01-348-2246    | 5          | 9           |
| 80063        | A3157189-001       | 5320-01-348-2255    | 2          | 21          |
| 80063        | A3157201-001       | 5340-01-349-2671    | 2          | 17          |
| 80063        | A3157208-001       |                     | 2          | 43          |
| 80063        | A3157212-001       | 8105-01-353-9917    | 2          | 44          |
| 80063        | A3157213-001       | 3120-01-353-9899    | 6          | 8           |
|              |                    |                     | 8          | 2           |
| 80063        | A3157300-001       |                     | 1          | 1           |
| 80063        | A3157301-001       |                     | 10         | 1           |
| 80063        | A3157302-001       | 5985-01-348-2342    | 10         | 4           |

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|--------------|--------------------|---------------------|------------|-------------|
| 80063        | A3157303-001       | 5995-01-348-2265    | 10         | 2           |
| 80063        | A3157305-001       | 3010-01-348-2376    | 14         | 5           |
| 80063        | A3157307-001       | 3010-01-348-2374    | 14         | 8           |
| 80063        | A3157308-001       | 3010-01-348-2372    | 17         | 10          |
| 80063        | A3157311-001       | 3110-01-348-2256    | 14         | 15          |
| 80063        | A3157312-001       | 3110-01-348-2257    | 17         | 5           |
| 80063        | A3157314-001       | 3010-01-348-2375    | 15         | 8           |
| 80063        | A3157315-001       | 3010-01-348-2373    | 18         | 8           |
| 80063        | A3157319-001       | 5330-01-348-2250    | 11         | 12          |
| 80063        | A3157325-002       | 5310-00-232-0744    | 1          | 7           |
| 80063        | A3157325-003       | 5310-00-554-2407    | 11         | 4           |
|              |                    |                     | 12         | 9           |
| 80063        | A3157332-001       | 5340-01-348-2369    | 13         | 6           |
| 80063        | A3157337-001       | 5340-01-348-2260    | 14         | 16          |
| 80063        | A3157340-001       |                     | 13         | 2           |
| 80063        | A3157341-001       |                     | 13         | 1           |
| 80063        | A3157343-001       |                     | 17         | 12          |
| 80063        | A3157350-001       | 5340-01-348-2261    | 17         | 2           |
| 80063        | A3157352-001       | 3020-01-349-9233    | 14         | 11          |
| 80063        | A3157354-001       | 3040-01-348-2341    | 14         | 18          |
| 80063        | A3157366-001       | 3040-01-348-2338    | 14         | 12          |
| 80063        | A3157373-001       | 5330-01-348-4099    | 17         | 3           |
| 80063        | A3157374-001       | 5330-01-348-4098    | 14         | 17          |
| 80063        | A3157375-001       | 5315-01-348-2331    | 14         | 19          |
| 80063        | A3157376-001       | 5365-01-348-2411    | r4         | 13          |
| 80063        | A3157382-001       | 3020-01-348-2371    | 17         | 6           |
| 80063        | A3157396-001       | 5330-01-348-2249    | 14         | 7           |
| 80063        | A3157404-001       | 5935-01-348-2254    | 11         | 25          |
| 80063        | A3157412-001       | 5950-01-348-4100    | 11         | 22          |
| 80063        | A3157413-001       | 2940-01-348-2366    | 12         | 17          |
| 80063        | A3157424-001       |                     | 11         | 1           |
| 80063        | A3157427-001       |                     | 12         | 1           |
| 80063        | A3157433-001       | 5920-01-348-2245    | 11         | 21          |
| 80063        | A3157435-001       | 5998-01-348-2389    | 12         | 12          |
| 80063        | A3157436-001       | 5998-01-348-2390    | 12         | 16          |
| 80063        | A3157437-001       |                     | 12         | 13          |
| 80063        | A3157444-001       | 5330-01-348-2248    | 12         | 2           |
| 80063        | A3157457-001       | 5895-01-348-2380    | 12         | 3           |
| 80063        | A3157480-001       | 5340-01-349-9244    | 12         | 4           |
| 80063        | A3157485-001       | 5305-01-348-2383    | 11         | 13          |
| 80063        | A3157490-001       | 5995-01-348-2270    | 11         | 16          |
| 80063        | A3157491-001       | 5995-01-348-2268    | 14         | 1           |
| 80063        | A3157492-001       | 5995-01-348-2267    | 15         | 13          |
| 80063        | A3157492-002       | 5995-01-348-2269    | 18         | 15          |
| 80063        | A3157508-001       | 5365-01-351-1453    | 17         | 4           |
| 80063        | A3157509-001       | 5365-01-350-5864    | 17         | 11          |
| 80063        | A3157518-001       | 6105-01-353-9922    | 15         | 10          |
|              |                    |                     | 18         | 10          |
| 80063        | A3157519-001       | 5905-01-353-9889    | 15         | 4           |
|              |                    |                     | 18         | 4           |
| 80063        | A3157521-001       | 5310-01-353-9897    | 15         | 6           |

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|--------------|--------------------|---------------------|------------|-------------|
| 80063        | A3157521-001       | 5310-01-353-9897    | 18         | 6           |
| 80063        | A3157522-001       | 5340-01-353-9937    | 15         | 7           |
|              |                    |                     | 18         | 7           |
| 80063        | A3157525-001       | 5305-01-232-6728    | 15         | 11          |
|              |                    |                     | 18         | 13          |
| 80063        | A3157526-001       | 3120-01-353-9901    | 15         | 12          |
|              |                    |                     | 18         | 14          |
| 80204        | B1821BH031C150N    | 5306-00-226-4831    | 17         | 9           |
| 81349        | D38999/24WA98PN    | 5935-01-282-9838    | 11         | 18          |
| 81349        | D38999/24WD19PN    | 5935-01-267-6621    | 16         | 2           |
| 81349        | D38999/24WD19SN    | 5935-01-267-6620    | 11         | 17          |
| 81349        | D38999/26WA985N    | 5935-01-190-7605    | 19         | 1           |
| 81349        | D38999/33W15N      | 5935-01-300-2279    | 11         | 9           |
|              |                    |                     | 14         | 14          |
| 81349        | D38999/33W9N       | 5935-01-355-1037    | 11         | 14          |
| S3629        | FEK.0031.1661-00   | 5920-01-348-5770    | 11         | 11          |
| S3629        | FEU.0031.1681-00   | 5920-01-348-5769    | 11         | 20          |
| 81349        | F02B250V1-2AS      | 5920-00-280-9320    | 11         | 10          |
| 81349        | MIL-W-83420/2      |                     | 7          | 1           |
| 81349        | MIL-W-83420/4      |                     | 4          | 5           |
|              |                    |                     | 6          | 12          |
|              |                    |                     | 7          | 2           |
|              |                    |                     | 9          | 4           |
| 81349        | MIL-W-83420TYPE2   |                     | 5          | 2           |
|              | COMPB              |                     |            |             |
| 96906        | MS15795-805        | 5310-00-722-5998    | 15         | 3           |
|              |                    |                     | 18         | 3           |
| 96906        | M515795-807        | 5310-00-880-5978    | 14         | 4           |
| 96906        | MS15795-811        | 5310-00-680-6745    | 17         | 7           |
| 96906        | M516995-17         | 5305-00-959-0382    | 15         | 1           |
|              |                    |                     | 18         | 1           |
| 96906        | M516995-25         | 5305-00-988-7601    | 15         | 9           |
|              |                    |                     | 18         | 9           |
| 96906        | M516995-26         | 5305-00-988-7602    | 14         | 2           |
| 96906        | MS16995-54B        | 5305-01-016-5521    | 13         | 9           |
| 96906        | MS16997-70         | 5305-00-978-9389    | 14         | 10          |
| 96906        | M524656-231        | 5930-00-892-9714    | 11         | 23          |
| 96906        | MS35307-305        | 5305-00-021-3616    | 18         | 11          |
| 96906        | MS35338-134        | 5310-00-928-2690    | 12         | 6           |
| 96906        | MS35338-135        | 5310-00-933-8118    | 11         | 6           |
| 96906        | MS35338-136        | 5310-00-929-6395    | 11         | 3           |
|              |                    |                     | 12         | 10          |
|              |                    |                     | 15         | 2           |
|              |                    |                     | 18         | 2           |
| 96906        | MS35338-136B       | 5310-00-224-0747    | 13         | 7           |
| 96906        | MS35338-137        | 5310-00-933-8119    | 14         | 3           |
| 96906        | MS35338-139        | 5310-00-933-8121    | 14         | 9           |
| 96906        | MS35338-139B       | 5310-00-243-4764    | 13         | 4           |
| 96906        | MS35338-140        | 5310-00-974-6623    | 17         | 8           |
| 96906        | MS35649-2254B      | 5310-01-064-5484    | 13         | 3           |
| 96906        | MS51957-12         | 5305-00-054-5646    | 15         | 5           |

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|-------|---------------|------------------|-----|------|
| 96906 | MS51957-12    | 5305-00-054-5646 | 18  | 5    |
| 96906 | MS51957-14    | 5305-00-054-5648 | 11  | 5    |
| 96906 | MS51957-26    | 5305-00-054-6650 | 11  | 8    |
| 96906 | M551957-27    | 5305-00-054-6651 | 12  | 14   |
| 96906 | MS51957-28B   | 5305-00-448-6500 | 13  | 8    |
| 96906 | M551957-31    | 5305-00-054-6655 | 12  | 11   |
| 96906 | M551957-33    | 5305-00-054-6657 | 11  | 2    |
| 96906 | MS51957-4     | 5305-00-054-5638 | 12  | 7    |
| 96906 | MS51959-29    | 5305-00-727-8832 | 17  | 1    |
| 96906 | MS51971-1     | 5310-00-903-5966 | 18  | 12   |
| 81349 | M85049/38S-9W | 5935-01-321-8973 | 19  | 2    |
| 80205 | NAS1829C4E12  | 5340-01-223-7961 | 12  | 15   |
| 80205 | NAS1831C4C17  | 5340-01-246-8425 | 12  | 8    |
| 80205 | NAS620C2      | 5310-00-043-4708 | 12  | 5    |
| 80205 | NAS620C416P   | 5310-01-309-9476 | 13  | 5    |
| 06383 | PN14-6R       | 5940-00-113-8179 | 11  | 19   |
| 06383 | PN18-6R       | 5940-00-204-8966 | 11  | 24   |
| 09922 | SMS24P-1      | 5935-01-072-3922 | 16  | 3    |
| 09922 | SMS6R-1       | 5935-01-013-9679 | 16  | 1    |
| 75915 | 218.200       | 5920-01-251-7998 | 14  | 6    |
| 81337 | 6-1-5876      | 8315-00-106-5973 | 2   | 14   |
| 80063 | 6Z7920        | 4020-00-242-4083 | 2   | 23   |
| 06540 | 852-55-20     | 5305-01-348-5763 | 11  | 15   |

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|     |      | STOCK NUMBER                 | CAGEC        |
| 1   | 1    | 80063                        | A3157300-001 |
| 1   | 2    | 80063                        | A3156801-001 |
| 2   | 1    | 4010-01-348-2301             | 80063        |
| 2   | 2    | 5985-01-349-2663             | 80063        |
| 2   | 3    | 4010-01-348-2302             | 80063        |
| 2   | 4    | 4010-01-348-2299             | 80063        |
| 2   | 5    | 4010-01-348-2300             | 80063        |
| 2   | 6    | 4010-01-348-2298             | 80063        |
| 2   | 7    | 5315-01-349-9230             | 80063        |
| 2   | 8    | 4030-01-348-2304             | 80063        |
| 2   | 9    | 4030-01-348-2305             | 80063        |
| 2   | 10   | 3950-01-354-9432             | 80063        |
| 2   | 11   | 4030-01-348-2303             | 80063        |
| 2   | 12   |                              | 80063        |
| 2   | 13   | 3950-01-349-2445             | 80063        |
| 2   | 14   | 8315-00-106-5973             | 81337        |
| 2   | 15   | 5985-01-349-2683             | 80063        |
| 2   | 16   | 5985-01-348-2320             | 80063        |
| 2   | 17   | 5340-01-349-2671             | 80063        |
| 2   | 18   |                              | 80063        |
| 2   | 19   | 5920-01-353-9932             | 80063        |
| 2   | 20   |                              | 80063        |
| 2   | 21   | 5320-01-348-2255             | 80063        |
| 2   | 22   | 5940-01-348-2244             | 80063        |
| 2   | 23   | 4020-00-242-4083             | 80063        |
| 2   | 24   | 5340-01-349-2690             | 80063        |
| 2   | 25   |                              | 80063        |
| 2   | 26   | 5975-01-348-2247             | 80063        |
| 2   | 27   | 5995-01-350-5878             | 80063        |
| 2   | 28   | 6635-01-350-5843             | 80063        |
| 2   | 29   | 5985-01-348-2321             | 80063        |
| 2   | 30   | 5985-01-348-5871             | 80063        |
| 2   | 31   | 4020-01-349-5327             | 80063        |
| 2   | 32   | 4730-01-348-2352             | 80063        |
| 2   | 33   | 5120-01-349-2687             | 80063        |
| 2   | 34   | 8105-01-348-4102             | 80063        |
| 2   | 35   |                              | 80063        |
| 2   | 36   | 8105-01-348-4103             | 80063        |
| 2   | 37   |                              | 80063        |
| 2   | 38   | 8105-01-348-4105             | 80063        |
| 2   | 39   |                              | 80063        |
| 2   | 40   | 8105-01-348-4106             | 80063        |
| 2   | 41   |                              | 80063        |
| 2   | 42   | 8105-01-348-4104             | 80063        |
| 2   | 43   |                              | 80063        |
| 2   | 44   | 8105-01-353-9917             | 80063        |
| 2   | 45   | 5340-01-353-9905             | 80063        |
| 3   | 1    | 5985-01-349-9226             | 80063        |
| 3   | 2    | 5985-01-348-2319             | 80063        |
| 4   | 1    | 3110-01-348-5810             | 80063        |
| 4   | 2    | 5315-01-348-2332             | 80063        |

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|     |      | STOCK NUMBER                 | CAGEC |                           |
| 4   | 3    | 3040-01-348-2339             | 80063 | A3156887-001              |
| 4   | 4    | 5315-01-348-4110             | 80063 | A3156886-001              |
| 4   | 5    |                              | 81349 | MIL-W-83420/4             |
| 4   | 6    | 5365-01-348-2258             | 80063 | A3156858-001              |
| 5   | 1    | 5985-01-348-4108             | 80063 | A3156931-001              |
| 5   | 2    |                              | 81349 | MIL-W-83420TYPE2<br>COMPB |
| 5   | 3    | 5315-01-348-4110             | 80063 | A3156886-001              |
| 5   | 4    | 5365-01-348-2258             | 80063 | A3156858-001              |
| 5   | 5    | 5315-01-348-4111             | 80063 | A3156924-001              |
| 5   | 6    | 5985-01-354-4412             | 80063 | A3156927-001              |
| 5   | 7    | 5315-01-348-2332             | 80063 | A3157176-003              |
| 5   | 8    | 5315-01-350-5780             | 80063 | A3156922-001              |
| 5   | 9    | 5310-01-348-2246             | 80063 | A3157177-004              |
| 5   | 10   | 5315-01-348-2333             | 80063 | A3156895-001              |
| 5   | 11   | 5445-01-348-2351             | 80063 | A3156920-001              |
| 5   | 12   | 5340-01-348-5885             | 80063 | A3156921-001              |
| 5   | 13   | 5315-01-348-2334             | 80063 | A3156896-001              |
| 5   | 14   | 4710-01-348-2243             | 80063 | A3156923-001              |
| 5   | 15   | 4010-01-348-2295             | 80063 | A3156933-001              |
| 5   | 16   | 5365-01-351-1452             | 80063 | A3157073-001              |
| 6   | 1    | 5985-01-348-2343             | 80063 | A3156863-001              |
| 6   | 2    | 3030-01-349-9231             | 80063 | A3156865-001              |
| 6   | 3    |                              | 80063 | A3156839-001              |
| 6   | 4    | 5340-01-348-4113             | 80063 | A3156866-001              |
| 6   | 5    |                              | 80063 | A3156864-001              |
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| 6   | 10   | 5310-01-355-4074             | 80063 | A3157177-003              |
| 6   | 11   | 5365-01-348-2258             | 80063 | A3156858-001              |
| 6   | 12   |                              | 81349 | MIL-W-83420/4             |
| 6   | 13   | 5315-01-348-4110             | 80063 | A3156886-001              |
| 7   | 1    |                              | 81349 | MIL-W-83420/2             |
| 7   | 2    |                              | 81349 | MIL-W-83420/4             |
| 7   | 3    | 5365-01-348-2258             | 80063 | A3156858-001              |
| 7   | 4    | 5315-01-348-2335             | 80063 | A3156847-001              |
| 7   | 5    | 5340-01-349-2692             | 80063 | A3156861-001              |
| 8   | 1    | 3020-01-349-2689             | 80063 | A3156904-001              |
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| 8   | 8    | 5360-01-349-2684             | 80063 | A3156900-001              |
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| 11  | 9    | 5935-01-300-2279             | 81349 | D38999/33W15N    |
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| 11  | 25   | 5935-01-348-2254             | 80063 | A3157404-001     |
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| 12  | 8    | 5340-01-246-8425             | 80205 | NAS1831C4C17     |
| 12  | 9    | 5310-00-554-2407             | 80063 | A3157325-003     |
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| 18  | 15   | 5995-01-348-2269             | 80063 | A3157492-002    |
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| 19  | 2    | 5935-01-321-8973             | 81349 | M85049/38S-9W   |
| 19  | 3    | 5935-01-348-2253             | 80063 | A3156765-001    |

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