

TECHNICAL MANUAL

**AVIATION UNIT AND AVIATION
INTERMEDIATE MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

**MAINTENANCE PLATFORM
ADJUSTABLE, MECHANICAL, AIRCRAFT
TYPE B-1**

**(PART NO. 1560-EG-100
NSN 1730-00-529-6235)**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY
14 NOVEMBER 1988**

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Dates of issue for original and changed pages are

Original0 14 November 1988
 Change1 4 November 1996


TOTAL NUMBER OF PAGES IN THIS PUBLICATION IS 53, CONSISTING OF THE FOLLOWING'

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TM 55-1730-223-23P

By Order of the Secretary of the Army:

Official: 
JOEL B. HUDSON
*Administrative Assistant to the
Secretary of the Army*
03190

DENNIS J. REIMER
*General, United States Army
Chief of Staff*

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DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 14 November 1988

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(PART NO. 1560-EG-100)
NSN 1730-00-529-6235**

CURRENT AS OF 14 OCT 88

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

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Section I. INTRODUCTION

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 performance of aviation unit and aviation intermediate maintenance of the B-1 Platform. 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. In addition to Section I, Introduction, 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. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending alphanumeric sequence, with the parts in each group listed in ascending figure and item number sequence. Bulk materials are listed in item name sequence. Repair parts kits are listed separately in their own functional group within Section II. Repair parts for repairable special tools are also listed in this section. Items listed are shown on the associated illustration(s) /figure(s).

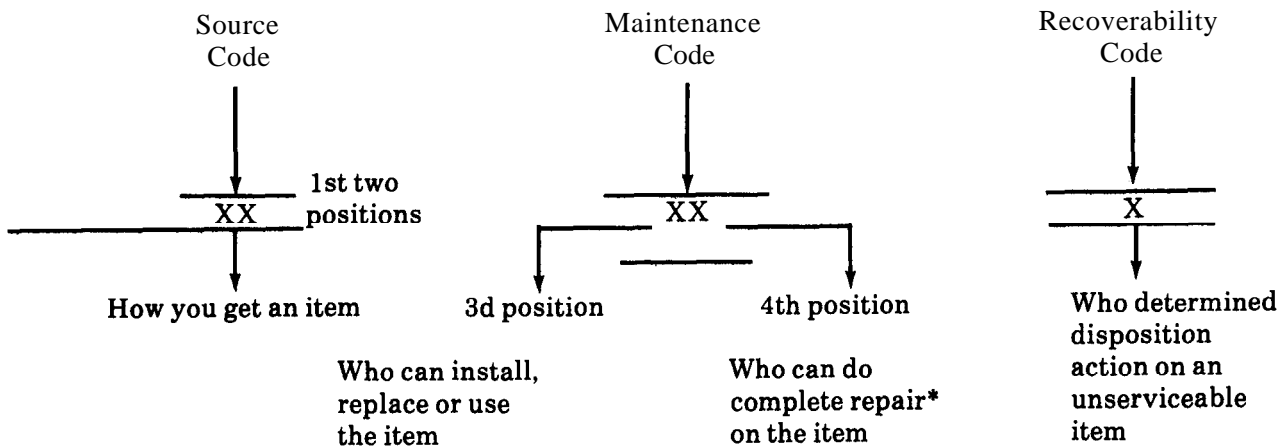
b. Section III. Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE column) for the performance of maintenance. (Not applicable)

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

3. Explanation of Columns (Sections II and III).

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

b. SMR Code (Column (2)). The Source, Maintenance, and Recoverability (SMR) code is a 5-position code containing supply/requisitioning information, maintenance category authorization criteria, and disposition instruction, as shown in the following breakout:



*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 category indicated by the code entered in the 3d 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 3d position of the SMR code. The complete kit must be requisitioned and applied.

Code	Explanation
MO- (Made at org/ AVUM Level) MF- (Made at DS/ AVUM Level) MH- (Made at GS Level) ML- (Made at Spe- cialized Repair Act (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 in this RPSTL. If the item is authorized to you by the 3d position code of the SMR code, but the source code indicates it is made at a higher level, order the item from the higher level of maintenance.

Code	Explanation
AO- (Assembled by org/AVUM Level) AF- (Assembled by DS/AVIM Level) 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 level of maintenance indicated by the source code. If the 3d position code of the SMR code authorizes you to replace the item, but the source code indicates the item is assembled at a higher level, order the item from the higher level of maintenance.

- XA - Do not requisition an "XA"-coded item. Order its next higher assembly. (Also, refer to the NOTE below.)
- XB - If an "XB" item is not available from salvage, order it using the FSCM 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 FSCM 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 700-42.

(2) **Maintenance Code.** Maintenance codes tell you the level(s) 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 level authorized to remove, replace, and use an item. The maintenance code entered in the third position will indicate authorization to one of the following levels of maintenance.

Code	Application / Explanation
C	- Crew or operator maintenance done within organizational or aviation unit maintenance.
O	- Organizational or aviation unit category can remove, replace, and use the item.
F	- Direct support or aviation intermediate level can remove, replace, and use the item.
H	- General support level can remove, replace, and use the item.
L	- Specialized repair activity can remove, replace, and use the item.
D	- Depot level 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 level with the capability to do complete repair (i.e., perform all authorized repair functions.) (NOTE: Some limited repair may be done on the item at a lower level of maintenance, if authorized by the Maintenance Allocation Chart (MAC) and SMR codes.) This position will contain one of the following maintenance codes.

Code	Application/Explanation
O	- Organizational or (aviation unit) is the lowest level that can do complete repair of the item.
F	- Direct support or aviation intermediate is the lowest level that can do complete repair of the item.
H	- General support is the lowest level that can do complete repair of the item.
L	- Specialized repair activity (designate the specialized repair activity) is the lowest level that can do complete repair of the item.
D	- Depot is the lowest level that can do complete repair of the item.

Code	Application/Explanation
Z	- Nonreparable. No repair is authorized.
B	- No repair is authorized. (No parts or special tools are authorized for the maintenance of a "B" coded item). However, the item may be reconditioned by adjusting, lubricating, etc., at the user level.

(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 Codes	Application/Explanation
Z	- Nonreparable item. When unserviceable, condemn and dispose of the item at the level of maintenance shown in 3d position of SMR Code.
O	- Reparable item. When uneconomically reparable, condemn and dispose of the item at organizational or aviation unit level.
F	- Reparable item. When uneconomically reparable, condemn and dispose of the item at the direct support or aviation intermediate level.
H	- Reparable item. When uneconomically reparable, condemn and dispose of the item at the general support level.
D	- Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal of item not authorized below depot level.
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. FSCM (Column (3)). The Federal Supply Code for Manufacturer (FSCM) 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, specification standards, and inspection requirements to identify an item or range of items.

NOTE: When you use a 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 item 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(s) of the description (before UOC).

(7) The Usable On Code, when applicable (see paragraph 5, Special information).

(8) In the Special Tools List section, the basis of issue (BOI) appears as the last line(s) 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)). The QTY (quantity per figure column) 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 (i.e., $\frac{\text{NSN}}{\text{NIIN}}$ 5305-01-674-1467). When using this column to locate an item, ignore the first 4 digits of the NSN. However, the complete NSN should be used when ordering items by stock number.

(2) **Fig. Column.** This column lists the number of the figure where the item is identified/located. The figures are in numerical order in Section II and Section 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 alphanumeric sequence (i.e., vertical arrangement of letter and number combination which places the first letter or digit of each group in order A through Z, followed by the numbers 0 through 9 and each following letter or digit in like order).

(1) **FSCM Column.** The Federal Supply Code for Manufacturer (FSCM) is a 5-digit numeric code used to identify the manufacturer, distribute, or Government agency, etc., that supplies the item.

(2) **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.

(3) **Stock Number Column.** This column lists the NSN for the associated part number and manufacturer identified in the PART NUMBER and FSCM columns to the left.

(4) **Fig. Column.** This column lists the number of the figure where the item is identified/located in Section 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.

5. Special Information. Use the following subparagraphs as applicable:

a. Usable On Code. The usable on code appears in the lower left corner of the Description column heading. Usable on codes are shown as “UOC.” in the Description Column (justified left) on the first line applicable item description/nomenclature, Uncoded items are applicable to all models. Identification of the usable on codes used in the RPSTL are:

Code	Used On	
PAA	Model M114	(These codes and model numbers are examples only.)
PAB	Model M114A	
PAC	Model M114B	

b. 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.

c. Associated Publications. The publication(s) listed below pertain to (insert applicable nomenclature) and its components:

Publication	Short Title
TM 55-1730-223-23P	Operator, AVUM and AVIM Maintenance Manual

NOTE: Associated publications shall not be listed herein combined narrative and RPSTL manuals.

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 List 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 (see 4.1(1)). The part numbers in the Part Number index are listed in ascending alphanumeric sequence (see 4.6). 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.

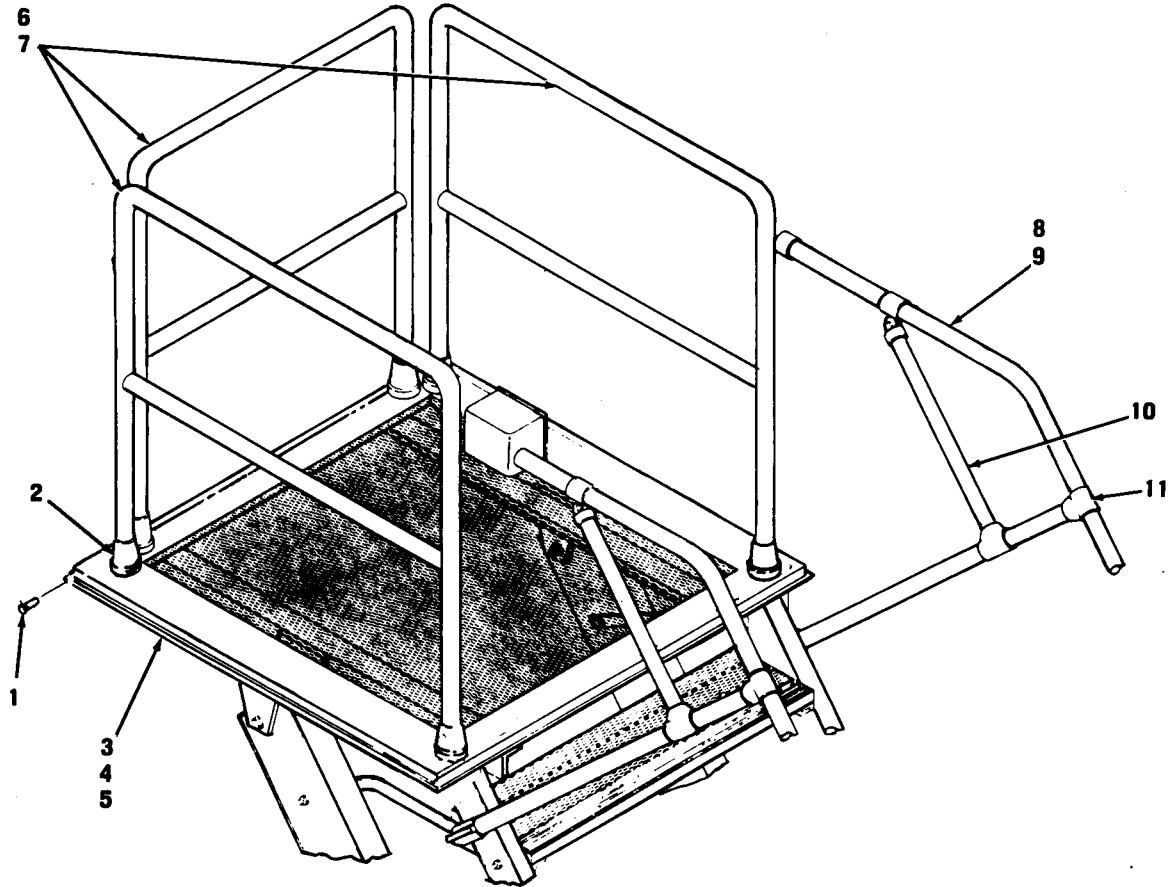


Figure 1. Handrails (Platform)

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
GROUP 01. MAINTENANCE PLATFORM FRAME/ COMPONENTS					
FIGURE 1. HANDRAILS(PLATFORM)					
1	PAOZZ	96906	MS51955-2	SET SCREW	6
2	XDOZZ	81996	1560-EG-077	FLANG, ROUND BASE	6
3	XDOFF	81996	1560-EG-043	PLATFORM WELDMENT	1
4	PAOZZ	81996	1560-EG-051	.BUMPER	3
5	PAOZZ	81996	1560-EG-992	.ELSTRIP	3
6	XDOZZ	81996	1560-EG-082	RAILING	3
7	XDOZZ	81996	1560-EG-130	PLUG	1
8	XDOZZ	81996	1560-EG-081	HANDRAIL, TOP	2
9	XDOZZ	81996	1560-EG-076	ELL, ADJUSTABLE	2
10	XDOZZ	81996	1560-EG-074	BRACE, HANDRAIL	2
11	XDOZZ	81996	1560-EG-079	TEE	8
	PAOZZ	96906	MS35307-392	SCREW, CAP	6
	PAOZZ	81996	1560-EG-126	WASHER	2
	PAOZZ	81996	1560-EG-129	WASHER	4
	PAOZZ	96906	MS16228-76	NUT, SELF LOCKING	6
	XDFZZ	81996	1560-EG-130	PLUG	2
	XDOZZ	81996	1560-EG-059	ADAPTER	2
	PAOZZ	81996	1560-EG-106	WASHER, UPPER	4
	PAOZZ	96906	MS16997-104	SCREW, CAP, SOCKET HE	4

END OF FIGURE

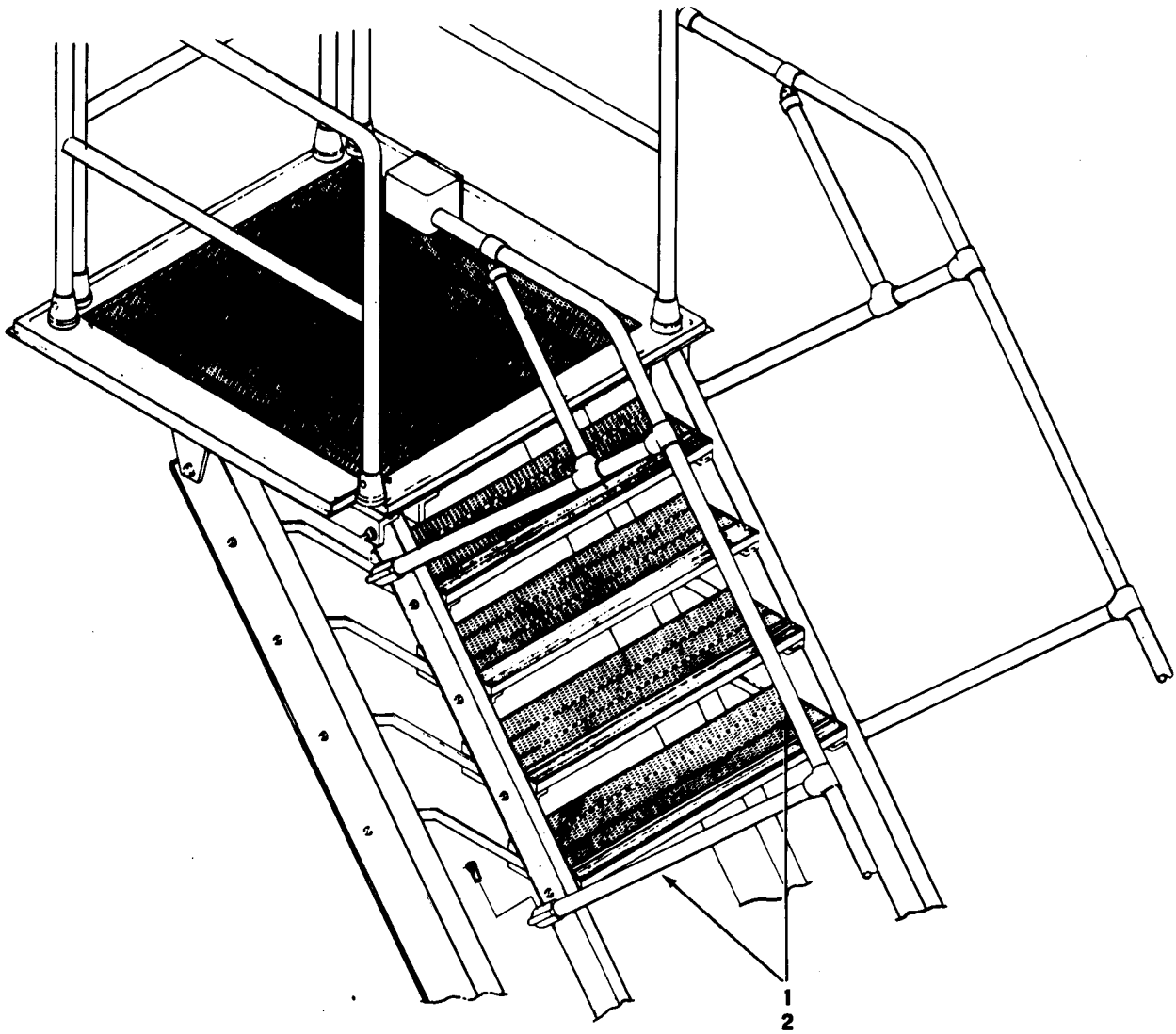
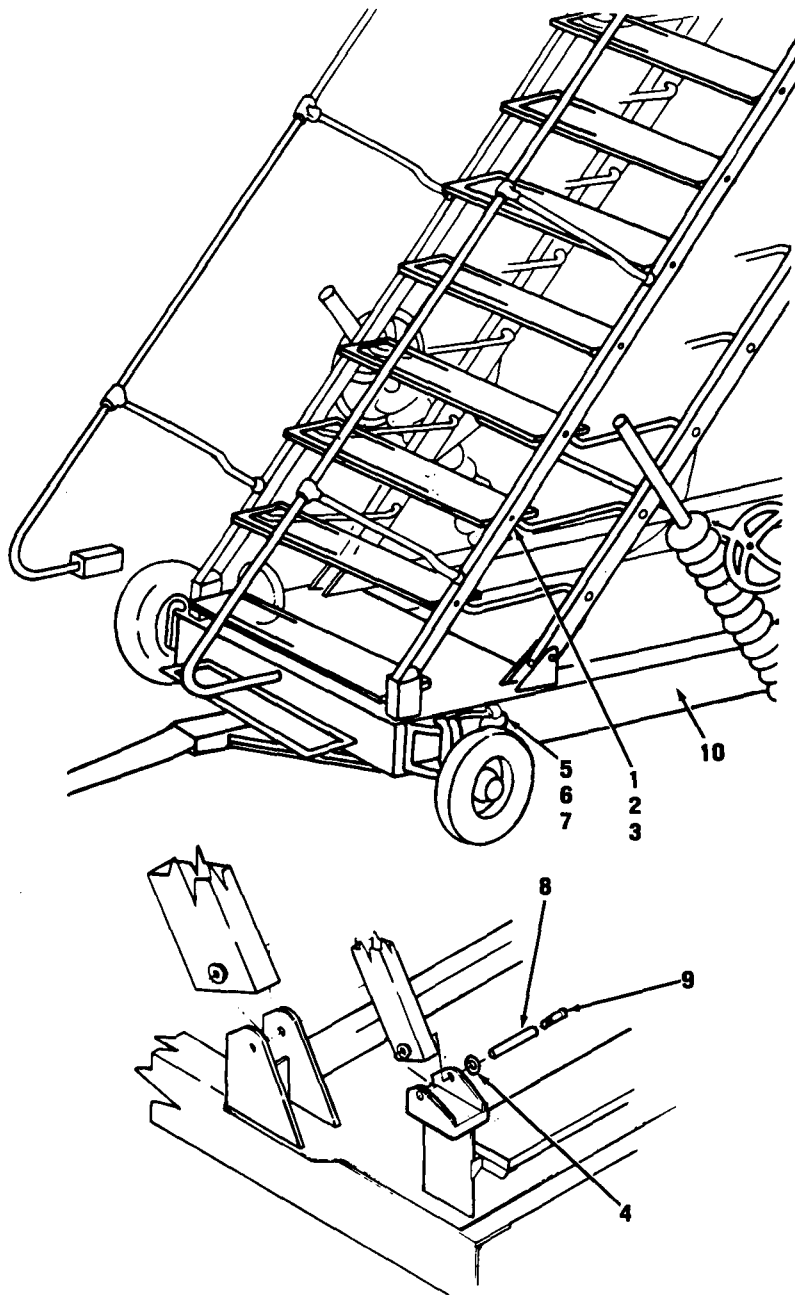


Figure 2. Handrail (Steps)

SECTION II				TM55-1730-223-23P	
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
				FIGURE 2. HANDRAIL(STEPS)	
1	XDOZZ	81996	1560-EG-080	HANDRAIL, BOTTOM	2
2	XDOZZ	81996	1560-EG-127	SUPPORT, HANDRAIL	6
				END OF FIGURE	



VIEW ROTATED 180°

Figure 3. Rear legs Hardware

SECTION II		TM55-1730-223-23P				
(1)	(2)	(3)	(4)	(5)	(6)	
ITEM NO	SMR CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY	
FIGURE 3.REAR LEGS HARDWARE						
1	PAOZZ	81996	1560-EG-119	SCREW, SHOULDER	16	
2	PAOZZ	96906	MS9321-14	WASHER, FLAT	16	
3	PAOZZ	96906	MS16228-6C	NUT, SELF LOCKING	16	
4	PAOZZ	96906	MS35333-76	WASHER, LOCK	4	
5	PAOZZ	96906	MS16228-120	NUT	4	
6	PAOZZ	96906	MS9321-17	WASHER, FLAT	4	
7	XDOZZ	81996	1560-EG-122	RING, LIFTING	4	
8	XDOZZ	81996	1560-EG-057	PIN, PIVOT, SHORT	2	
9	PAOZZ	96906	MS35307-356	SCREW, CAP, HEXAGON H	4	
10	XDOZZ	81996	1560-EG-116	NAME PLATE	1	
	PAOZZ	81996	1560-EG-107	WASHER, LOWER, SMALL	4	

END OF FIGURE

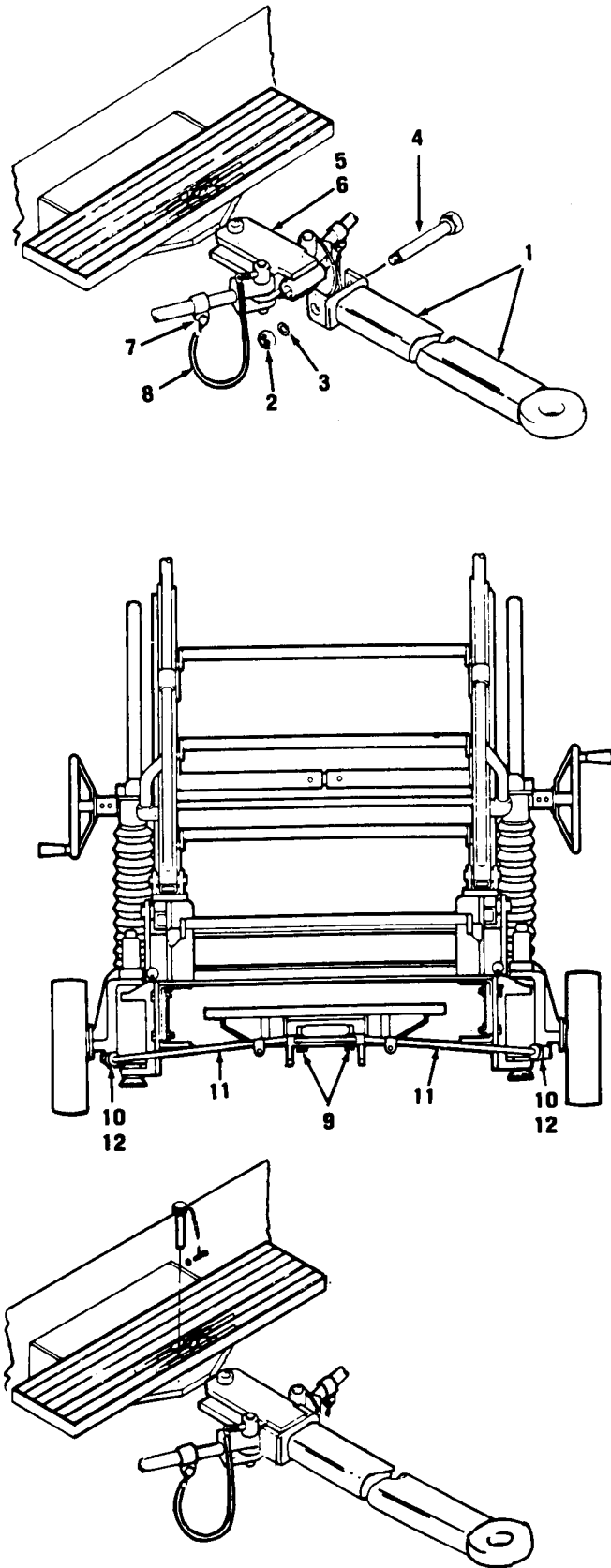


Figure 4. Tongue and Tie Rods

SECTION II		TM55-1730-223-23P				
(1)	(2)	(3)	(4)	(5)	(6)	
ITEM NO	SMR CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY	
FIGURE 4.TONGUE AND TIE RODS						
1	XDOZZ	81996	1560-EG-061	TONGUE	1	
2	PAOZZ	96906	MS16228-10C	NUT,SELF-LOCKING,HE	1	
3	PAOZZ	96906	MS9321-16	WASHER,FLAT	1	
4	PAOZZ	81996	1560-EG-112	SCREW,TONGUE	1	
5	XDOZZ	81996	1560-EG-060	BAR, STEERING	1	
6	XDOZZ	81996	1560-EG-105	ARM STEERING	2	
7	PAOZZ	81996	1560-EG-103	PIN DETENT	1	
8	PAOZZ	80244	RR-C-271B TYPE I I CLASS 3	CHAIN, SASH	1	
9	PAOZZ	81996	1560-EG-104	PIN, TIE ROD	2	
10	PAOZZ	96906	MS51957-61	SCREW,MACHINE	2	
11	PAOZZ	81996	1560-EG-117	TIE ROD	2	
12	PAOZZ	81996	1560-EG-109	CLAMP, TIE ROD	2	
13	XDOOO	81996	1560-EG-125	DETENT PIN ASSY	1	
14	XDOZZ	81996	1560-EG-044	WELDMENT, STEP	8	
15	XDOZZ	81996	1560-EG-132	STEP	1	
	PAOZZ	96906	MS16996-14	SCREW,CAP, SOCKET HE	1	
	PAOZZ	96906	MS21044-C3	NUT,SELF-LOCKING,HE	1	
	PAOZZ	81996	1560-EG-114	WASHER	16	
	PAOZZ	96906	MS16996-10	SCREW,CAP, SOCKET HE	1	
	PAOZZ	96906	MS16998-73	SCREW,CAP, SOCKET HE	2	
	PAOZZ	96906	MS16996-10	SCREW,CAP, SOCKET HE	4	
	PAOZZ	96906	MS9321-14	WASHER,FLAT	32	
	PAOZZ	96906	MS21044-C8	NUT,SELF-LOCKING,HE	16	

END OF FIGURE

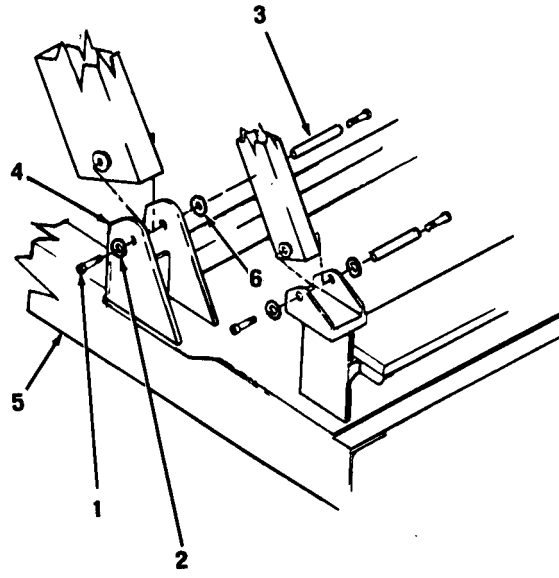


Figure 5. Main Frame

SECTION II				TM55-1730-223-23P	
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
FIGURE 5.MAIN FRAME					
1	PAOZZ	96906	MS35308-387	SCREW,CAP,HEXAGON H	4
2	PAOZZ	96906	MS35333-77	WASHER, LOCK	4
3	XDOZZ	81996	1560-EG-058	PIN, PIVOT	2
4	XDOZZ	81996	1560-EG-063	FRAME, MAIN	1
5	PAOZZ	96906	MS21046C7	NUT, SELF-LOCKING, HE	4
6	PAOZZ	81996	1560-EG-108	WASHER, LOWER	4
END OF FIGURE					

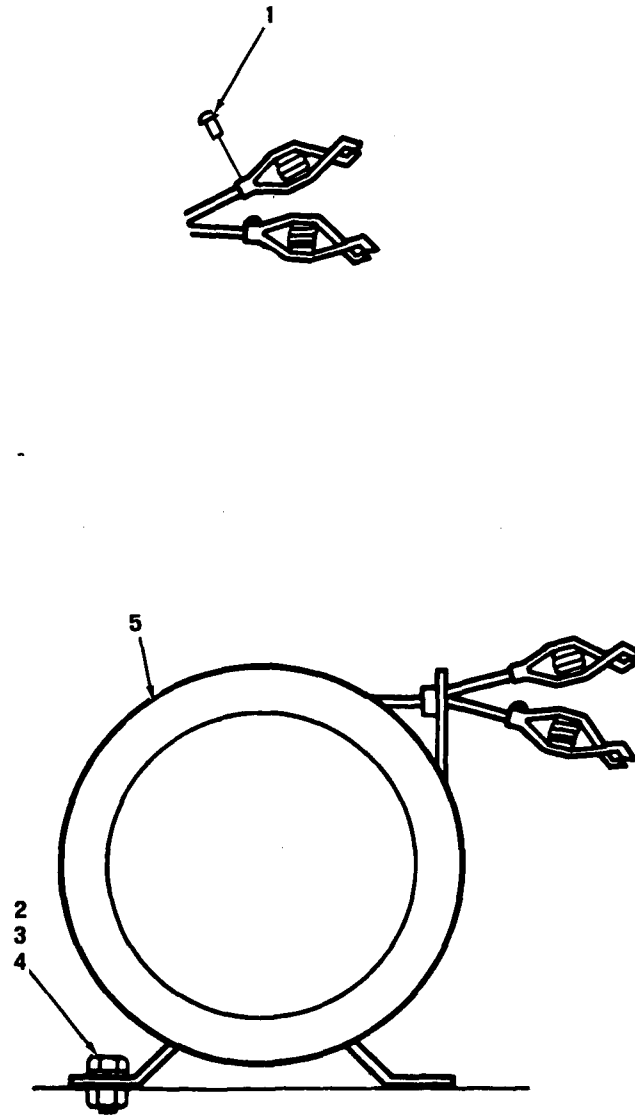


Figure 6. Discharge Reel

SECTION II				TM55-1730-223-23P	
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
FIGURE 6.DISCHARGE REEL					
1	PAOZZ	96906	MS35308-364	SCREW,CAP,HEXAGON H	2
2	PAOZZ	96906	MS35308-361	SCREW	2
3	PAOZZ	96906	MS35333-76	WASHER, LOCK	8
4	PAOZZ	96906	MS51968-8	NUT, PLAIN, HEXAGON	4
5	PAOFF	81996	1560-EG-056	REEL, STATIC DISCHAR	1
END OF FIGURE					

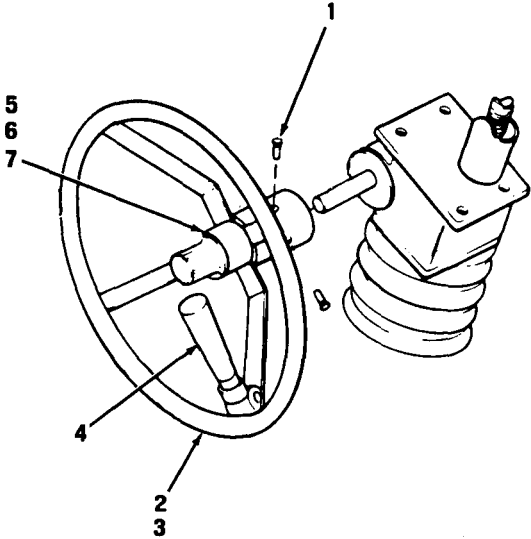


Figure 7. Handwheel and Jackscrew

SECTION II				TM55-1730-223-23P	
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART		
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
FIGURE 7. HANDWHEEL AND JACKSCREW					
1	PAOZZ	96906	MS1963-85	SET SCREW	4
2	XDOFF	81996	1560-EG-050	HANDWHEEL ASSY	2
3	XDOZZ	81996	1560-EG-049	.HANDWHEEL	1
4	PAOZZ	81996	1560-EG-135	.HANDLE	1
5	PAOZZ	81996	1560-EG-093	.HUB	1
6	PAOZZ	81996	1560-EG-136	.SPRING PLUNGER	1
7	PAOZZ	96906	MS9047-204	.PIN, SPRING	1
END OF FIGURE					

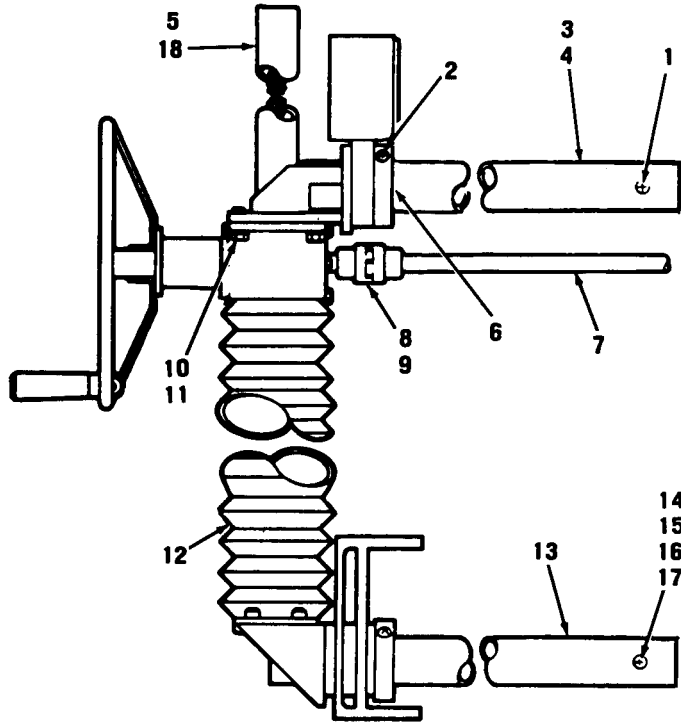


Figure 8. Jackscrew Components

SECTION II		TM55-1730-223-23P				
(1)	(2)	(3)	(4)	(5)		(6)
ITEM NO	SMR CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)		QTY
FIGURE 8. JACKSCREW COMPONENTS						
1	PAOZZ	96906	MS16228-6C	NUT, SELF LOCKING		4
2	PAOZZ	96906	MS35308-384	SCREW, CAP		4
3	XDOZZ	81996	1560-EG-097	TUBING/MOUNT UP LFT		1
4	XDOZZ	81996	1560-EG-123	TUBING/MOUNT UP RT		1
5	XDOFF	81996	1560-EG-052	SCREW, JACK		2
6	XDOZZ	81996	1560-EG-098	.CLAMP		4
7	XDOZZ	81996	1560-EG-110	.DRIVE SHAFT		1
8	PAOZZ	96906	MS20066-143	.KEY, MACHINE, SQUARE		4
9	PAOZZ	81996	1560-EG-053	.COUPLING		2
10	PAOZZ	96906	MS20066-145	.KEY, MACHINE, SQUARE		2
11	PAOZZ	96906	MS35307-356	.SCREW, CAP, HEXAGON H		4
12	PAOZZ	59462	22203	.BOOT		1
13	XDOZZ	81996	1560-EG-096	TUBING/MOUNT LOWER		2
14	PAOZZ	96906	MS21262-46	SCREW, SELF-LOCKING		8
15	XDOZZ	81996	1560-EG-113	BEARING		2
16	PAOZZ	96906	MS16998-74	SCREW, CAP, SOCKET HE		4
17	XDOZZ	81996	1560-EG-124	PIN, ADJUSTOR		2
18	PAOZZ	96906	MS9047-1-8	PIN, SPRING		1

END OF FIGURE

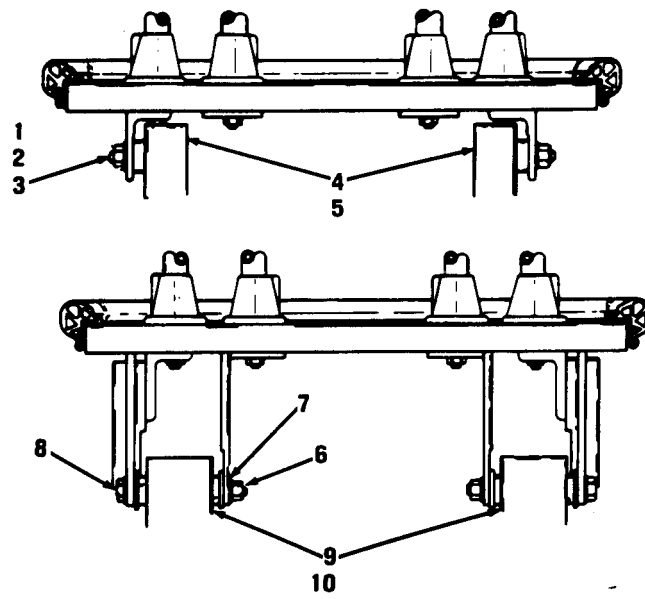


Figure 9. Work Platform

SECTION II		TM55-1730-223-23P				
(1)	(2)	(3)	(4)	(5)	(6)	
ITEM NO	SMR CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY	
FIGURE 9. WORK PLATFORM						
1	PAOZZ	96906	MS16228-8C	NUT, SELF-LOCKING, HE	2	
2	PAOZZ	96906	MS9321-14	WASHER, FLAT	2	
3	PAOZZ	81996	1560-EG-118	SCREW, SHOULDER	2	
4	XDOZZ	81996	1560-EG-042	WELDMENT, REAR LEG, L	1	
5	XDOZZ	81996	1560-EG-041	WELDMENT, REAR LEG R	1	
6	PAOZZ	96906	MS16228-8C	NUT, SELF-LOCKING, HE	2	
7	PAOZZ	96906	MS15795-817	WASHER, FLAT	2	
8	PAOZZ	81996	1560-EG-111	SCREW, SHOULDER	2	
9	XDOZZ	81996	1560-EG-039	WELDMENT, FRNT LEG R	1	
10	XDOZZ	81996	1560-EG-040	WELDMENT, FRNT LEG L	1	
	XDOZZ	81996	1560-EG-095	BEARING	2	
	XDOZZ	81996	1560-EG-078	ELBOW	3	
	XDOZZ	81996	1560-EG-078	ELBOW	3	
	PAOZZ	81996	1560-EG-102	SCREW, SHOULDER	32	
	PAOZZ	96906	MS9321-12	WASHER, FLAT	32	
	PAOZZ	81996	1560-EG-108	WASHER, LOWER	4	
	PAOZZ	96906	MS21044-C5	NUT, SELF-LOCKING, HE	16	
	PAOZZ	96906	MS35333-76	WASHER, LOCK	4	
END OF FIGURE						

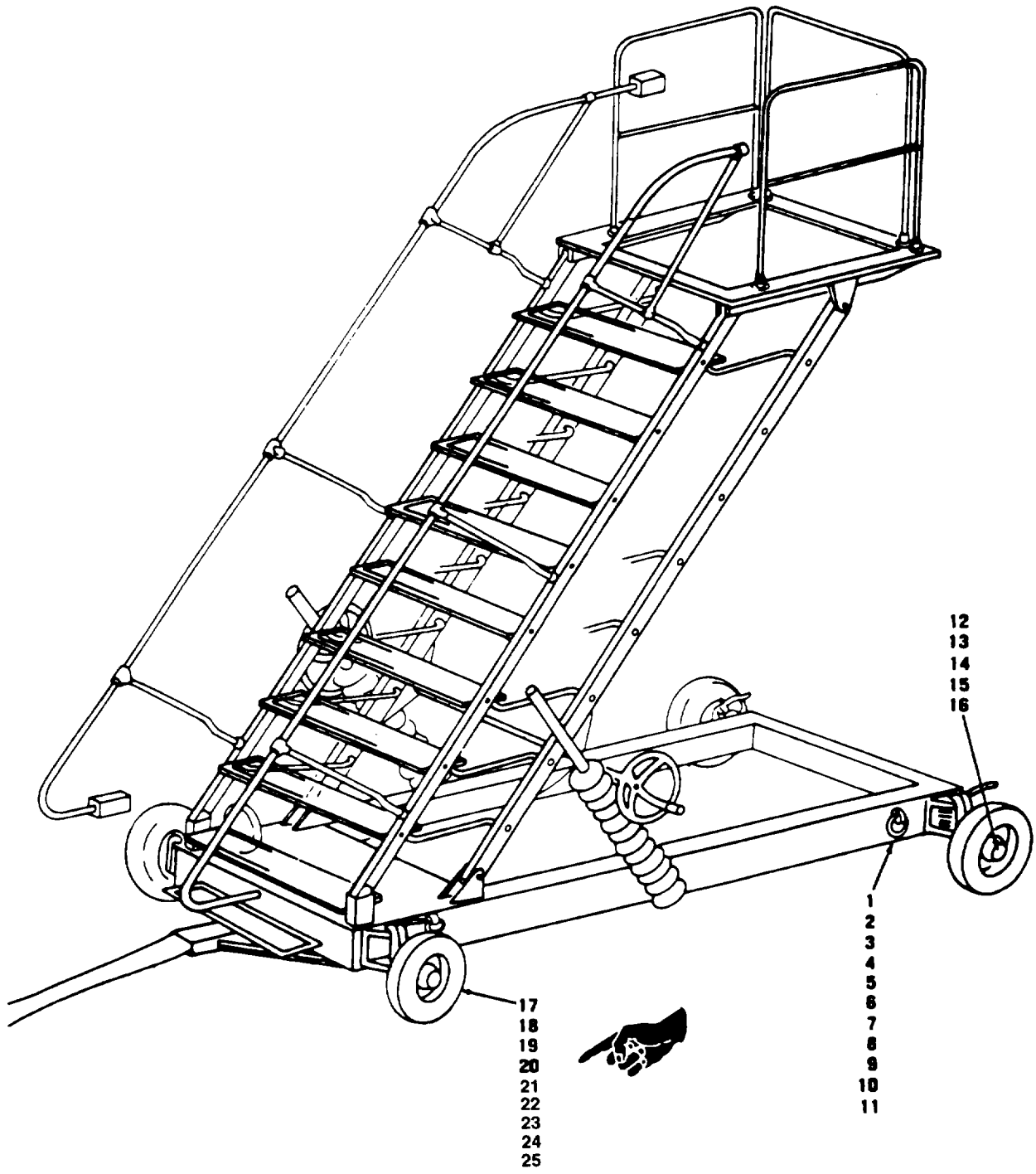


Figure 10. Suspension Assemblies Change 1

SECTION II

TM 55-1730-223-23P

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODE (UOC)	(6) QTY
FIGURE 10. SUSPENSION ASSEMBLIES					
1	PAOZZ	96906	MS90725-6	SCREW, CAP, HEXAGON H.....	4
2	PAOZZ	96906	MS35338-44	WASHER, LOCK.....	3
3	XDOFF	05060	1900-123	SUSPENSION ASSY REA.....	2
4	PAOFF	81996	1560-EG-055	SUSPENSION UNIT	1
5	PAOZZ	05060	1900-98	COVER, BOOT	2
6	PAOZZ	05060	1900-110	LOCKING PIN ASSY.....	1
7	PAOZZ	05060	1900-149	LOCK SCREW, KING PIN	1
8	XDOZZ	05060	1900-103	KNUCKLE, ASSY.....	1
9	XDOZZ	05060	1900-49-000	BRACKET	1
10	XDOZZ	05060	1900-126-1	SPRING.....	4
11	XDOZZ	05060	1900-87	JACK ASSY, WHEEL.....	1
12	XDOZZ	81996	1560-EG-054	BRAKE ASSY.....	1
13	PAOZZ	96906	MS51968-8	NUT, PLAIN, HEXAGON	4
14	PAOZZ	96906	MS35338-46	WASHER, LOCK.....	4
15	PAOZZ	96906	MS27183-14	WASHER, FLAT.....	4
16	PAOZZ	96906	MS90726-64	SCREW, HEX	4
17	XDOFF	05060	1900-122	SUSPENSION ASSY FRT	2
18	XDOFF	81996	1560-EG-055	SUSPENSION UNIT	1
19	PAOZZ	83445	80171	WHEEL ASSY (16 INCH), SOLD RUBBER.....	4*
20	PAOZZ	96906	MS35308-416	SCREW, CAP, HEXAGON H.....	16
21	PAOZZ	97674	175A250	SEAL PLAIN.....	4*
22	PAOZZ	96787	A3875	CONE AND ROLLER (OUTER).....	4*
23	PAOZZ	60038	A18393	CONE AND ROLLER (INNER)	4*
24	PBOFF	96906	MS24327	HUB AND DRUM ASSY.....	4*
25	XDOZZ	05060	1900-41	JACK (RATCHET) HANDLE 13 IN. X 1/2 HEX.....	4*

END OF FIGURE

CROSS-REFERENCE INDEXES

STOCK NUMBER	FIG	NATIONAL STOCK NUMBER INDEX ITEM	STOCK NUMBER	FIG	ITEM
5305-00-050-9227	4	10			
5310-00-051-8619	5	5			
5305-00-052-6456	4				
	4				
5305-00-068-0502	10	1			
5305-00-068-5405	4				
5310-00-080-6004	10	15			
5310-00-115-6177	3	2			
	4				
	9	2			
3110-00-159-1631	10	22			
5310-00-180-0277	3	4			
	6	3			
	9				
5310-00-208-9255	4				
5310-00-241-6667	9	1			
	9	6			
5310-00-245-8826	4	2			
3110-00-275-0283	10	23			
5310-00-582-5965	10	2			
5305-00-682-7750	3	9			
	8	11			
5310-00-732-0559	6	4			
	10	13			
5305-00-787-2177	5	1			
5305-00-801-5747	6	1			
5305-00-841-2077	8	14			
5310-00-903-2612	9				
5305-00-939-0800	10	20			
5310-00-982-4973	4				
5310-00-982-6816	9				
5305-00-983-5335	1				
5305-00-983-7447	4				
5305-00-983-7448	8	16			
5310-01-040-2252	3	6			
2530-01-065-1993	10	24			
5310-01-088-5808	4	3			
5330-01-133-0666	10	21			
2530-01-244-8190	10	19			
5305-01-274-2113	9	3			

CROSS-REFERENCE INDEXES
PART NUMBER INDEX

FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG	ITEM
60038	A18393	3110-00-275-0283	10	23
96787	A3875	3110-00-159-1631	10	22
96906	MS15795-817		9	7
96906	MS16228-10C	5310-00-245-8826	4	2
96906	MS16228-120		3	5
96906	MS16228-6C		3	3
			8	1
96906	MS16228-76		1	
96906	MS16228-8C	5310-00-241-6667	9	1
			9	6
96906	MS16996-10	5305-00-052-6456	4	
			4	
96906	MS16996-14	5305-00-068-5405	4	
96906	MS16997-104	5305-00-983-5335	1	
96906	MS16998-73	5305-00-983-7447	4	
96906	MS16998-74	5305-00-983-7448	8	16
96906	MS1963-85		7	1
96906	MS20066-143		8	8
96906	MS20066-145		8	10
96906	MS21 044-C3	5310-00-208-9255	4	
96906	MS21044-C5	5310-00-982-6816	9	
96906	MS21044-C8	5310-00-982-4973	4	
96906	MS21046C7	5310-00-051-8619	5	5
96906	MS21262-46	5305-00-841-2077	8	14
96906	MS24327	2530-01-065-1993	10	24
96906	MS27183-14	5310-00-080-6004	10	15
96906	MS35307-356	5305-00-682-7750	3	9
			8	11
96906	MS35307-392		1	
96906	MS35308-361		6	2
96906	MS35308-364	5305-00-801-5747	6	1
96906	MS35308-384		8	2
96906	MS35308-387	5305-00-787-2177	5	1
96906	MS35308-416	5305-00-939-0800	10	20
96906	MS35333-76	5310-00-180-0277	3	4
			6	3
			9	
96906	MS35333-77		5	2
96906	MS35338-44	5310-00-582-5965	10	2
96906	MS35338-46		10	14
96906	MS51955-2		1	1
96906	MS51957-61	5305-00-050-9227	4	10
96906	MS51968-8	5310-00-732-0559	6	4
			10	13
96906	MS9047-1-8		8	18
96906	MS9047-204		7	7
96906	MS90725-6	5305-00-068-0502	10	1
96906	MS90726-64		10	16
96906	MS9321-12	5310-00-903-2612	9	
96906	MS9321-14	5310-00-115-6177	3	2
			4	
			9	2

CROSS-REFERENCE INDEXES

PART NUMBER INDEX

FSCM	PART NUMBER	STOCK NUMBER	FIG	ITEM
96906	MS9321-16	5310-01-088-5808	4	3
96906	MS9321-17	5310-01-040-2252	3	6
80244	RR-C-271B TYPE I		4	8
	I CLASS 3			
81996	1560-EG-039		9	9
81996	1560-EG-040		9	10
81996	1560-EG-041		9	5
81996	1560-EG-042		9	4
81996	1560-EG-043		1	3
81996	1560-EG-044		4	14
81996	1560-EG-049		7	3
81996	1560-EG-050		7	2
81996	1560-EG-051		1	4
81996	1560-EG-052		8	5
81996	1560-EG-053		8	9
81996	1560-EG-054		10	12
81996	1560-EG-055		10	4
			10	18
81996	1560-EG-056		6	5
81996	1560-EG-057		3	8
81996	1560-EG-058		5	3
81996	1560-EG-059		1	
81996	1560-EG-060		4	5
81996	1560-EG-061		4	1
81996	1560-EG-063		5	4
81996	1560-EG-074		1	10
81996	1560-EG-076		1	9
81996	1560-EG-077		1	2
81996	1560-EG-078		9	
			9	
81996	1560-EG-079		1	11
81996	1560-EG-080		2	1
81996	1560-EG-081		1	8
81996	1560-EG-082		1	6
81996	1560-EG-093		7	5
81996	1560-EG-095		9	
81996	1560-EG-096		8	13
81996	1560-EG-097		8	3
81996	1560-EG-098		8	6
81996	1560-EG-102		9	
81996	1560-EG-103		4	7
81996	1560-EG-104		4	9
81996	1560-EG-105		4	6
81996	1560-EG-106		1	
81996	1560-EG-107		3	
81996	1560-EG-108		5	6
			9	
81996	1560-EG-109		4	12
81996	1560-EG-110		8	7
81996	1560-EG-111		9	8
81996	1560-EG-112		4	4

CROSS-REFERENCE INDEXES

FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG	ITEM
81996	1560-EG-113		8	15
81996	1560-EG-114		4	
81996	1560-EG-116		3	10
81996	1560-EG-117		4	11
81996	1560-EG-118	5305-01-274-2113	9	3
81996	1560-EG-119		3	1
81996	1560-EG-122		3	7
81996	1560-EG-123		8	4
81996	1560-EG-124		8	17
81996	1560-EG-125		4	13
81996	1560-EG-126		1	
81996	1560-EG-127		2	2
81996	1560-EG-129		1	
81996	1560-EG-130		1	
			1	7
81996	1560-EG-132		4	15
81996	1560-EG-135		7	4
81996	1560-EG-136		7	6
81996	1560-EG-992		1	5
97674	175A250	5330-01-133-0666	10	21
05060	1900-103		10	8
05060	1900-110		10	6
05060	1900-122		10	17
05060	1900-123		10	3
05060	1900-126-1		10	10
05060	1900-141		10	25
05060	1900-149		10	7
05060	1900-49-000		10	9
05060	1900-87		10	11
05060	1900-98		10	5
59462	22203		8	12
83445	80171		10	19

CROSS-REFERENCE INDEXES
FIGURE AND ITEM NUMBER INDEX

FIG	ITEM	STOCK NUMBER	FSCM	PART NUMBER
1			81996	1560-EG-059
1			81996	1560-EG-106
1			81996	1560-EG-126
1			81996	1560-EG-129
1			81996	1560-EG-130
1			96906	MS16228-76
1			96906	MS35307-392
1		5305-00-983-5335	96906	MS16997-104
1	1		96906	MS51955-2
1	2		81996	1560-EG-077
1	3		81996	1560-EG-043
1	4		81996	1560-EG-051
1	5		81996	1560-EG-992
1	6		81996	1560-EG-082
1	7		81996	1560-EG-130
1	8		81996	1560-EG-081
1	9		81996	1560-EG-076
1	10		81996	1560-EG-074
1	11		81996	1560-EG-079
2	1		81996	1560-EG-080
2	2		81996	1560-EG-127
3			81996	1560-EG-107
3	1		81996	1560-EG-119
3	2	5310-00-115-6177	96906	MS9321-14
3	3		96906	MS16228-6C
3	4	5310-00-180-0277	96906	MS35333-76
3	5		96906	MS16228-120
3	6	5310-01-040-2252	96906	MS9321-17
3	7		81996	1560-EG-122
3	8		81996	1560-EG-057
3	9	5305-00-682-7750	96906	MS35307-356
3	10		81996	1560-EG-116
4			81996	1560-EG-114
4		5305-00-052-6456	96906	MS16996-10
4		5305-00-052-6456	96906	MS16996-10
4		5305-00-068-5405	96906	MS16996-14
4		5305-00-983-7447	96906	MS16998-73
4		5310-00-115-6177	96906	MS9321-14
4		5310-00-208-9255	96906	MS21044-C3
4		5310-00-982-4973	96906	MS21044-C8
4	1		81996	1560-EG-061
4	2	5310-00-245-8826	96906	MS16228-10C
4	3	5310-01-088-5808	96906	MS9321-16
4	4		81996	1560-EG-112
4	5		81996	1560-EG-060
4	6		81996	1560-EG-105
4	7		81996	1560-EG-103
4	8		80244	RR-C-271B TYPE I I CLASS 3
4	9		81996	1560-EG-104
4	10	5305-00-050-9227	96906	MS51957-61

CROSS-REFERENCE INDEXES
FIGURE AND ITEM NUMBER INDEX

FIG	ITEM	STOCK NUMBER	FSCM	PART NUMBER
4	11		81996	1560-EG-117
4	12		81996	1560-EG-109
4	13		81996	1560-EG-125
4	14		81996	1560-EG-044
4	15		81996	1560-EG-132
5	1	5305-00-787-2177	96906	MS35308-387
5	2		96906	MS35333-77
5	3		81996	1560-EG-058
5	4		81996	1560-EG-063
5	5	5310-00-051-8619	96906	MS21046C7
5	6		81996	1560-EG-108
6	1	5305-00-801-5747	96906	MS35308-364
6	2		96906	MS35308-361
6	3	5310-00-180-0277	96906	MS35333-76
6	4	5310-00-732-0559	96906	MS51968-8
6	5		81996	1560-EG-056
7	1		96906	MS1963-85
7	2		81996	1560-EG-050
7	3		81996	1560-EG-049
7	4		81996	1560-EG-135
7	5		81996	1560-EG-093
7	6		81996	1560-EG-136
7	7		96906	MS9047-204
8	1		96906	MS16228-6C
8	2		96906	MS35308-384
8	3		81996	1560-EG-097
8	4		81996	1560-EG-123
8	5		81996	1560-EG-052
8	6		81996	1560-EG-098
8	7		81996	1560-EG-110
8	8		96906	MS20066-143
8	9		81996	1560-EG-053
8	10		96906	MS20066-145
8	11	5305-00-682-7750	96906	MS35307-356
8	12		59462	22203
8	13		81996	1560-EG-096
8	14	5305-00-841-2077	96906	MS21262-46
8	15		81996	1560-EG-113
8	16	5305-00-983-7448	96906	MS16998-74
8	17		81996	1560-EG-124
8	18		96906	MS9047-1-8
9			81996	1560-EG-078
9			81996	1560-EG-078
9			81996	1560-EG-095
9			81996	1560-EG-102
9			81996	1560-EG-108
9		5310-00-180-0277	96906	MS35333-76
9		5310-00-903-2612	96906	MS9321-12
9		5310-00-982-6816	96906	MS21044-C5
9	1	5310-00-241-6667	96906	MS16228-8C
9	2	5310-00-115-6177	96906	MS9321-14

CROSS-REFERENCE INDEXES
 FIGURE AND ITEM NUMBER INDEX

FIG	ITEM	STOCK NUMBER	FSCM	PART NUMBER
9	3	5305-01-274-2113	81996	1560-EG-118
9	4		81996	1560-EG-042
9	5		81996	1560-EG-041
9	6	5310-00-241-6667	96906	MS16228-8C
9	7		96906	MS15795-817
9	8		81996	1560-EG-111
9	9		81996	1560-EG-039
9	10		81996	1560-EG-040
10	1	5305-00-068-0502	96906	MS90725-6
10	2	5310-00-582-5965	96906	MS35338-44
10	3		05060	1900-123
10	4		81996	1560-EG-055
10	5		05060	1900-98
10	6		05060	1900-110
10	7		05060	1900-149
10	8		05060	1900-103
10	9		05060	1900-49-000
10	10		05060	1900-126-1
10	11		05060	1900-87
10	12		81996	1560-EG-054
10	13	5310-00-732-0559	96906	MS51968-8
10	14		96906	MS35338-46
10	15	5310-00-080-6004	96906	MS27183-14
10	16		96906	MS90726-64
10	17		05060	1900-122
10	18		81996	1560-EG-055
10	19		81349	MIL-W-21985 MODE L I (16")
10	20	5305-00-939-0800	96906	MS35308-416

By Order of the Secretary of the Army:

Official:

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General, United States Army
Chief of Staff

WILLIAM J. MEEHAN II
Brigadier General, United States Army
The Adjutant General

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THEN... JOT DOWN THE DOPE ABOUT IT ON THIS FORM. CAREFULLY TEAR IT OUT, FOLD IT AND DROP IT IN THE MAIL!

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DATE SENT

PUBLICATION NUMBER

TM 55-1730-223-23P

PUBLICATION DATE

14 Nov 1988

PUBLICATION TITLE

Maintenance Platform Adjustable,
Mechanical, Aircraft Type B-1

BE EXACT... PIN-POINT WHERE IT IS

PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.
6	2-1 a		
B1		4-3	
125	line 20		

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

In line 6 of paragraph 2-1a the manual states the engine has 6 cylinders. The engine on my set only has 4 cylinders. Change the manual to show 4 cylinders.

Callout 16 on figure 4-3 is pointing at a bolt. In key to figure 4-3, item 16 is called a shim - Please correct one or the other.

I ordered a gasket, item 19 on figure B-16 by NSN 2910-05-762-3001. I got a gasket but it doesn't fit. Supply says I got what I ordered, so the NSN is wrong. Please give me a good NSN

PRINTED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

JOHN DOE, PFC (268) 317-7111

SIGN HERE:

JOHN DOE

DA FORM 1 JUL 79 2028-2

PREVIOUS EDITIONS ARE OBSOLETE.
DRSTS-M Overprint 1, 1 Nov 80

P.S.-IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR RECOMMENDATION MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS.

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TEAR ALONG PERFORATED LINE

The Metric System and Equivalents

Linear Measure

1 centimeter = 10 millimeters = .39 inch
 1 decimeter = 10 centimeters = 3.94 inches
 1 meter = 10 decimeters = 39.37 inches
 1 dekameter = 10 meters = 32.8 feet
 1 hectometer = 10 dekameters = 328.08 feet
 1 kilometer = 10 hectometers = 3,280.8 feet

Weights

1 centigram = 10 milligrams = .15 grain
 1 decigram = 10 centigrams = 1.54 grains
 1 gram = 10 decigrams = .035 ounce
 1 dekagram = 10 grams = .35 ounce
 1 hectogram = 10 dekagrams = 3.52 ounces
 1 kilogram = 10 hectograms = 2.2 pounds
 1 quintal = 100 kilograms = 220.46 pounds
 1 metric ton = 10 quintals = 1.1 short tons

Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce
 1 deciliter = 10 centiliters = 3.38 fl. ounces
 1 liter = 10 deciliters = 33.61 fl. ounces
 1 dekaliter = 10 liters = 2.64 gallons
 1 hectoliter = 10 dekaliters = 26.42 gallons
 1 kiloliter = 10 hectoliters = 264.18 gallons

Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch
 1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches
 1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet
 1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet
 1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres
 1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches
 1 cu. meter = 1000 cu. decimeters = 35.3 cu. feet

Approximate Conversion Factors

To Change	To	Multiply by	To Change	To	Multiply by
inches	centimeters	2.540	ounce-inches	newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.639	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29.573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	newton.meters	1.356	metric tons	short tons	1.102
pound-inches	newton-meters	.11296			

Temperature (Exact)

°F	Fahrenheit temperature	$\frac{5}{9}$ (after subtracting 32)	Celsius temperature	°C
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