TECHNICAL MANUAL

ORGANIZATIONAL MAINTENANCE

REPAIR PARTS AND SPECIAL TOOLS LISTS

FOR

SHELTER SYSTEM,

COLLECTIVE PROTECTION,

CHEMICAL-BIOLOGICAL:

INFLATABLE, TRAILER-

TRANSPORTED, M51

(NSN 4240-00-854-4144)

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ORGANIZATIONAL MAINTENANCE

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Current as of July 1975

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 the back of this manual direct to: Commander, US Army Armament Materiel Readiness Command, ATTN: DRSAR-MAS-C, Aberdeen Proving Ground, MD 21010.

A reply will be furnished to you.

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ORGANIZATIONAL MAINTENANCE

REPAIR PARTS AND SPECIAL TOOLS LIST

Section I. INTRODUCTION

1. Scope

This manual lists repair parts, special tools, and other support equipment required for operation and performance of organizational maintenance of the M51 Shelter System.

2. General

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

a. Section II - Repair Parts List. A list of repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts list are composed of functional groups and subgroups in ascending numerical sequence, with the parts in each group or subgroup listed in figure and item number sequence. Bulk materials are listed in NSN sequence.

b. Section III - Special Tools List. Not Applicable.

c. *Section IV - National Stock Number and Part Number Index.* A list, in ascending numerical sequence, of all National stock numbers appearing in the listings, followed by a list, in alphameric 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

The following provides an explanation of columns found in the tabular listings:

a. Illustration. This column is divided as follows:

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

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

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

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

Code	*Definition*
PA	Item procured and stocked for anticipated or known usage.
PB	Item procured and stocked for insurance purposes because essentiality dictates that a minimum quantity be available in the supply systems.
PC	Item procured and stocked and which otherwise would be coded PA except that it is deteriorative in nature.
MO	Item to be manufactured or fabricated at organizational level.
AO	Item to be assembled at organizational level.
AF	Item to be assembled at direct support maintenance level.
XA	Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.
XB	Item is not procured or stocked. If not available through salvage, requisition.

NOTE

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA.

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

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

Code	*Application/Explanation*
C	Crew or operator maintenance performed within organizational maintenance.
O	Support item is removed,, replaced, used at the organizational level.

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

Code	*Application/Explanation*
O	The lowest maintenance level capable of complete repair of the support item is the organizational level.

SECTION II. REPAIR PARTS LIST

(1) ILLUS FIG NO.	(2) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER (NSN)	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
						USABLE ON CODE		
						GROUP: 0100 TRAILER COVER AND SHELTER CASE		
1	1	PACOF	4240-00-180-5263	E5-19-6567	81361	COVER, TRAILER, CONTOURED	EA	1
1	2	PACOF	4240-00-831-8040	E5-19-5231	81361	CASE, INFLATABLE SHELTER	EA	1
1	3	PAOZZ	5325-00-231-6586	MS20230BS4	96906	GROMMET, METALLIC	EA	4
1	4	XBOZZ		C5-19-5054	81361	BAR ASSEMBLY, TRANSPORT	EA	2
1	5	XAOZZ		B5-19-5038	81361	TUBE, ALUMINUM	EA	2
1	6	XAOZZ		C5-19-5034	81361	EXTENSION, HANDLE	EA	4
						GROUP: 0200 INFLATABLE SHELTER AND ENTRANCE		
						SUBGROUP: 0201 INFLATABLE SHELTER		
2	1	PACOF	4240-00-152-1304	E5-19-5178	81361	SHELTER, INFLATABLE, C-B SHELTER SYSTEM	EA	1
2	2	PACZZ	4240-00-497-5255	C5-19-6551	81361	CAP ASSEMBLY, AIR DUCT	EA	1
2	3	PACZZ	5305-00-989-7434	MS35207-263	96906	SCREW, MACHINE: NO. 10-32UNF-2A, 1/2 IN. LG	EA	16
2	4	PACZZ	5310-00-934-9751	MS35650-302	96906	NUT, PLAIN, HEXAGON: NO. 10-32UNF-2B	EA	16
2	5	PACZZ	5310-00-576-5752	MS35333-39	96906	WASHER, LOCK: NO. 10 NOM SIZE	EA	32
2	6	PACZZ	4240-00-762-1173	D5-19-4875	81361	PLATE, MOUNTING, AIR DUCT	EA	2
2	7	XBCZZ		D5-19-4876-1	81361	RING, REINFORCING	EA	2
2	8	PACOF	4720-00-922-0010	E5-19-5234	81361	HOSE, AIR DUCT	EA	1
2	10	PACZZ	5340-00-409-6837	MLV91003	98625	COUPLING, CLAMP, GROOVED	EA	8
2	11	MOCZZ		E5-19-5178-21	81361	GUY LINE: 10 FT 4 IN. LG MFD FROM NSN 4020-00-201-5632	EA	4
2	12	MOCZZ		E5-19-5178-19	81361	ANCHOR LINE: 6 FT 6 IN. LG MFD FROM NSN 4020-00-201-5632	EA	10
2	13	PACOF	4240-00-831-8028	E5-19-5185	81361	WALL SECTION, REMOVABLE	EA	1
2	15	PAOZZ	4730-00-908-6292	MS35842-14	96906	CLAMP, HOSE: 2-19/16 IN. TO 3-1/2 IN. DIA RANGE	EA	1
2	16	PAOZZ	4240-00-003-8312	BSP4-407-18	13214	EXHAUST FITTING, MALE	EA	1