

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

ORGANIZATIONAL AND DIRECT SUPPORT MAINTENANCE
 REPAIR PARTS AND SPECIAL TOOLS LIST
 TENT: FRAME TYPE, WALL, LIGHTWEIGHT,
 EXPANDABLE, OG107, FIRE, MILDEW, WATER,
 WEATHER, RESISTANT, W/COMPONENTS
 16'L X 16'W
 FSN 8340-782-3232

Headquarters, Department of the Army, Washington, D. C.
 7 May 1970

Current as of 27 February 1970

		Listing Page	Illust Figure
SECTION	I. Introduction -----	1	
	II. Prescribed Load Allowance-----		
	III. Repair Parts for Organizational Maintenance-----		
Group	01. Tent, Body -----		
	Tent, body and components-----		1
	02 Tent, Support and Frame Assembly -----		
	Frame assembly -----		2
	03. Tent, Accessories -----		
	Cover and carrying cases -----		3
SECTION IV.	Special Tools, Test and Support Equipment for Organizational Maintenance. Not Applicable		
	V. Repair Parts for DS Maintenance-----		
Group	01. Tent, Body -----		
	Tent, body and components-----		1
	02 Tent, Support and Frame Assembly -----		
	Frame assembly -----		2
	03. Tent, Accessories-----		
	Cover and carrying cases-----		3
SECTION	VI. Special Tools, Test and Support Equipment for DS Maintenance. Not Applicable.		
	VII. Maintenance Allocation Chart-----	16	
	VIII. Federal Stock Number and Reference Number Index -----	18	

This copy is a reprint which includes current pages from Change 1.

CHANGE

NO 1

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, DC, 17 September 1991

Organizational and Direct Support Maintenance
Repair Parts and Special Tools List

**TENT: FRAME TYPE, WALL, LIGHTWEIGHT, EXPANDABLE
OG107, FIRE, MILDEW, WATER, WEATHER, RESISTANT,
W/ COMPONENTS, 16'L X 16'W, FSN 8340-7823232**

Approved for public release; distribution is unlimited

TM 10-8340-220-23P, 7 May 1970 is changed as follows:

1. Remove and Insert pages as Indicated below. New or changed text material is indicated by a vertical bar in the margin. An Illustration change is indicated by a miniature pointing hand.

Remove pages	Insert pages
7 and 8 17 and 18	7 and 8 17 and 18

2 Retain this sheet In front of manual for reference purposes

By Order of the Secretary of the Army:

CARL E. VUONO
General, United States Army
Chief of Staff

Official:

PATRICIA P. HICKERSON
Brigadier General, United States Army
The Adjutant General

DISTRIBUTION.

To be distributed In accordance with DA Form 12-25E, (qty rqr block no 1775).

**SECTION I.
INTRODUCTION**

1. Scope

This manual lists repair parts, special tools, test and support equipment required for the performance of organizational and direct support maintenance of the tent.

2. General

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

a. Prescribed Load Allowance (PLA)-Section II. A composite listing of repair parts, special tools, test and support equipment having quantitative allowances for initial stockage at the organizational level.

b. Repair Parts—Section III. A list of repair parts authorized for the performance of maintenance at the organizational level in figure and item number sequence.

c. Special Tools, Test and Support Equipment-Section IV. Not Applicable.

d. Repair Parts-Section V. A list of repair parts authorized for the performance of maintenance at the direct support level in figure and item number sequence.

e. Special Tools, Test and Support Equipment-Section VI. Not Applicable.

f. Maintenance Allocation Chart-Section VII. Provides a general explanation of all maintenance and repair functions authorized at various maintenance levels.

g. Federal Stock Number and Reference Number Index-Section VIII. A list of Federal stock numbers in ascending numerical sequence, followed by a list of reference numbers appearing in all of the listings, in alpha-numeric sequence, cross-referenced to the illustration figure number and item number.

NOTE

Items not illustrated are cross-referenced to assembly group number.

Explanation of Columns

The following provides an explanation of columns in the tabular lists in Section II through VI.

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

(1) *Source code.* Indicates the selection status and source for the listed item. Source codes used are:

Code	Explanation
P	Repair parts which are stocked in or supplied from the GSA/DSA, or Army supply system and authorized for use at indicated maintenance categories.
M	Repair parts which are not procured or stocked, but are to be manufactured in indicated maintenance levels.
A	Assemblies which are not procured or stocked as such, but are made up of two or more units. Such component units carry Individual stock numbers and descriptions, are procured and stocked separately and can be assembled to form the required assembly at indicated maintenance categories.
X	Parts and assemblies which are not procured or stocked and the mortality of which normally is below that of the applicable end item or component. The failure of such part or assembly should result in retirement of the end item from the supply system. X1 Repair parts which are not procured or stocked. The requirement for such items will be filled by use of the next higher assembly or component.
X2	Repair parts which are not stocked. The indicated maintenance category requiring such repair parts will attempt to obtain same through cannibalization. Where such repair parts are not obtainable through cannibalization, requirements will be requisitioned, with accompanying justification, through normal supply channels.
G	Major assemblies that are procured with PEMA funds for initial issue only as ex-change assemblies at DSU and GSU level. These assemblies will not be stocked above DS and GS level or returned to depot supply level.

(2) *Maintenance code.* Indicates the lowest category of maintenance authorized to install the listed item. The maintenance codes are:

- O Organizational Maintenance
- F Direct support Maintenance

(3) *Recoverability code.* Indicates whether unserviceable items should be returned for recovery or salvage. Items not coded are expendable. Recoverability codes are:

Code	Explanation
R	Repair parts (assemblies and components) which are considered economically repairable at direct and general support maintenance levels. When the maintenance capability to repair these items does not exist, they are normally disposed of at the GS level. When supply considerations dictate, some of these repair parts may be listed for automatic return to supply for depot level repair as set forth in AR 710-50. When so listed, they will be replaced by supply on an exchange basis.
S	Repair parts and assemblies which are economically repairable at DSU and GSU activities and which normally are furnished by supply on an exchange basis. When items are determined by a GSU to be uneconomically repairable, they will be evacuated to a depot for evaluation and analysis before final disposition.
T	High dollar value recoverable repair parts which are subject to special handling and are issued on an exchange basis. Such repair parts normally are repaired or overhauled at depot maintenance activities.
U	Repair parts specifically selected for salvage by reclamation units because of precious metal content, critical materials, or high dollar value reusable casings and castings.

b. Federal Stock Number. Indicates the Federal stock number assigned to the item and will be used for requisitioning purposes.

c. Description. Indicates the Federal item name and any additional description of the item required. Assembly components and subassemblies are indented under major assemblies. The abbreviation "w/e" when used as part of the nomenclature, indicates the Federal stock number includes all armament, equipment, accessories, and repair parts issued with the item. A part number or other reference number is followed by the applicable 5-digit Federal supply code for manufacturers in parenthesis. Repair parts quantities included in kits and sets are shown in front of the repair part name. Material required for manufacturer or fabrication is identified.

d. Unit of Measure (U/M). A 2 character alphabetic abbreviation indicating the amount or quantity of the item upon which the allowances are based, e.g., ft, ea, pr, etc.

e. Quantity Incorporated in Unit. Indicates the quantity of the item used in the assembly group. A "V" appearing in this column in lieu of a quantity indicates that a definite quantity cannot be indicated (e.g., shims, spacers, etc.).

f. 15-Day Organizational Maintenance Allowance.

(1) The allowance columns are divided into four subcolumns. Indicated in each subcolumn opposite the first appearance of each item is the total quantity of the items authorized for the number of equipments supported. Subsequent appearances of the same item will have the letters "REF" in the allowance column. To locate the referenced item, locate the FSN or reference number in the index. The earliest figure and item number is the referenced item. Items authorized for use as required but not for initial stockage are identified with an asterisk in the allowance column.

(2) The quantitative allowance for organizational level of maintenance represents one initial prescribed load for a 15-day period for the number of equipments supported. Units authorized additional prescribed loads, multiply the number of prescribed loads by the quantity in the appropriate density column to determine the number of repair parts authorized.

(3) To determine allowances when supporting more than 100 of these equipments: First, divide the number of equipments supported by 100 by moving the decimal two spaces left; second, multiply the result by the quantity in the 51-100 density column. Example, authorized allowance for 51-100 equipments is 12; for 140 equipments, multiply 12 by 1.40 or 16.80 rounded off to 17 parts required.

(4) Subsequent changes to allowances will be limited as follows: No change in the range of items is authorized. If additional items are considered necessary, recommendation should be forwarded to the U. S. Army Mobility Equipment Command for exception or revision to the allowance list. Revisions to the range of items authorized will be made by the U. S. Army Mobility Equipment Command based upon engineering experience, demand data, or TAERS information.

g. 30-Day DS Maintenance Allowances.

(1) The allowance columns are divided into three subcolumns. Indicated in each subcolumn, opposite the first appearance of each item, is the total quantity of items authorized for the number of equipments supported. Subsequent appearances of the same item will have the letters "REF" in the applicable allowance column. To locate the referenced item locate the FSN or reference number in the index. The earliest figure and item number is the referenced item. Items authorized for use as required but not for initial

stockage are identified with an asterisk in the allowance column.

(2) The quantitative allowances for DS level of maintenance will represent initial stockage for a 30-day period for the number of equipments supported.

(3) To determine allowances when supporting more than 100 of these equipments: First, divide the number of equipments supported by 100 by moving the decimal two places left; second, multiply the result by the quantity in the 51-100 density column. Example, authorized allowance for 51-100 equipments is 40;; for 150 equipments multiply 40 by 1.50 or 60 parts required.

h. 1-Year Allowance Per 100 Equipments/Contingency Planning Purposes. Indicates opposite the first appearance of each item the total quantity required for distribution and contingency planning purposes. The range of items indicates total quantities of all authorized items required to provide for adequate support of 100 equipments for one year. Subsequent appearances of the same item will have the letters "REF" in the allowance column.

i. 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.* Indicates the callout number used to reference the item in the illustration.

4. Special Information

a. Repair parts mortality has been based on 7,500 hours operation per year.

b. Parts which require manufacture or assembly at a category higher than that authorized for installation will indicate in the source column the higher category.

c. The following publication pertains to the tent and its components: TM 10-269 General Repair for Canvas and Webbing

d. The same illustrations are used to illustrate the repair parts and special tools listed in both organizational maintenance section and direct support and depot maintenance section.

5. How to Locate Repair Parts

a. When Federal stock number or reference number is unknown: (1) *First.* Using the table of contents determine the assembly group within which the

repair part belongs. This is necessary since illustrations are prepared for assembly groups, and listings are divided into the same groups.

(2) *Second.* Find the illustration covering the assembly group to which the repair part belongs.

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

(4) *Fourth.* Using the Repair Parts Listings, find the assembly group to which the repair part belongs and locate the illustration figure and item number noted on the illustration.

b. When Federal stock number or reference is known:

(1) *First.* Using the Index of Federal Stock Numbers and Reference Numbers find the pertinent Federal stock number or reference number.

This index is in ascending FSN sequence followed by a list of reference numbers in alpha-numeric sequence, cross-referenced to the illustration figure number and item number.

(2) *Second.* Using the Repair Parts Listing, find the assembly group of the repair part and the Illustration figure number and item number referenced in the Index of Federal Stock Numbers and Reference Numbers.

c. When the Federal stock number or reference number is known and the repair part is not illustrated.

(1) *First.* Using the Index of Federal Stock Numbers and Reference Numbers find the pertinent Federal stock number or reference number in the section titled Items not Illustrated and note the group number. This section is in ascending FSN sequence followed by a list of reference numbers in alpha-numeric sequence, cross-referenced to assembly group number.

(2) *Second.* Using the Table of Contents, locate the assembly group number and page number.

(3) *Third.* Using the applicable group number and page number, locate the pertinent stock number or reference number in the Repair Parts Listing. Items which are not illustrated are listed at the end of the assembly group to which they belong.

6. Abbreviations

- C/O ----- consist of
- dia ----- diameter
- ft ----- foot (feet)
- in ----- inch (es)
- lg ----- length
- No ----- number(s)
- thk ----- thick (ness)

7. Federal Supply Codes for Manufactures

Code	Manufacturer
81337	---Army Natick Laboratories Quality Assurance Office
81348	---Federal Specifications Promulgated by General Services Administration
81349	---Military Specifications Promulgated by Standardization Div., Directorate of Logistic Services DSA
88044	---Aeronautical Standards Group, Dept of Navy and Air Force
96906	---Military Standards

8. Recommendations for Maintenance Publication Improvements

Report of errors, omissions, and recommendations for improving this publication by the user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to Publications) and forwarded direct to Commanding i General, U.S. Army Mobility Equipment Command, ATTN: AMSME-MPP, 4300 Goodfellow Boulevard, St. Louis, Mo. 63120.

(1) FEDERAL STOCK NUMBER	(2) DESCRIPTION USABLE ON CODE	(3) 15-DAY ORG. MAINT. ALLOWANCE			
		(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100
	SECTION II - PRESCRIBED LOAD ALLOWANCE				
	GROUP 01 - TENT BODY				
8340-205-2759 1734 (81349)	SLIP; TENT LINE: MAGNESIUM, 3 1/4 IN. LG				
8340-252-2269	LINE, TENT: GUY, 1/2 IN. DIA, 8 FT LG MILL1709 (81349)	2	2	4	8
8340-252-2271	LINE, TENT. CUY, 5/16 IN. DIA, 13 FT LG HILL1709 (81349)				2
8340-252-2299	LINE, TENT: FOOT STOP, 1A IN. DIA, 19 IN. LG NILL1709 (81349)		2	4	7
8340-261-9749	PIN, TENT: ALUMINUM, 9 IN. LG, TYPE 1 NILP01 (81349)		2	2	4
8340-261-9750	PIN, TENT: WOOD, 16 IN. LG NILP2383 (81349)		2	2	3
8340-376-1295	TOGGLE TENT: W 5-971 (81337)	2	2	4	8
	GROUP 02 - TENT, SUPPORT AND FRAME A5W ELY				
5306-151-3115	BOLT CLEVIS, RIDGE GUSSET, STEELS3/8-24 UW3A 1 63/64 IN. LG AN26-31 (88044)			2	2
5310-926-1852	NUT, SELF-LOCKING, THIN STEELS 3/8-24 UW3aB MN20364-624A (96906)			2	2
8340-238-9806	PURLIN ASIT-LY, COMPLETE 54-977-7 (81337)			2	2
8340-556-9697	HEADER ASSEMBLY, COMPLETE 5-976-6 (81337)				2
8340-566-7394	ARCH ASSEMBLY, COMPLETE 5-4-97 (81337)				2
8340-823-751	PIN, TENT STEEL 12 IN. LG MILP501 (81349)			2	2

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6)				(7)	
					(a) 1-20	(b) 21-50	(c) 51-100	1-YR ALWPER 100equip CNTGY	(a) FIG NO	(b) ITEM NO
		Reference Number and FSCM								
		USABLE ON CODE								
		SECTION III - REPAIR PARTS FOR ORGANIZATIONAL MAINTENANCE								
POR	8340-782-3425	GROUP 01 - TENT, BOOT	EA	1	*	*	*	*	1	1
		TENT, BOOTY CO 2 END SECTIONS,								
		1 INTERMEDIATE SECTION								
		LPDES2965 (81337)								
POR	8340-566-7398	TENT, END SECTION	EA	2	*	*	*	*	1	2
		5-4-963 (81337)								
PO	83140-252-2299	LINE, TENT, FOOTSTOP: 1/4 IN.	EA	9	*	2	*	7	1	5
		DIA, 19 IN. LC								
		MILL1709 (81349)								
PO	8340-252-2269	LINE, TENT GUY, 1/IN. DIA,	EA	4	2	2	4	8	1	13
		8 FT LG								
		MILL1709 (81349)								
PO	8340-376-1295	TOGGLE TENT WOOD,	EA	4	2	2	4	8	1	17
		5-9T7 (81337)								
PO	8340-566-9689	LINE, TENT, RIDGE: GUY	EA	4	*	*	1	*	*	19
		MILL1709 (81349)								
PO	8340-252-2271	LINE, TENT, GUYS 5/16 IN. DIA,	EA	6	*	*	*	2	1	20
		13 FT LG								
		MILL1709 (81349)								
PO	8340-205-2759	SLIP, TENT LINE, MAGNESIUM	EA	10	*	*	*	2	1	21
		3 1/2 IN. LG								
		MILLS734 (81349)								
POR	8340-566-7416	TENT, INTERMEDIATE SECTION	EA	1	*	*	*	*	1	22
		962 (81337)								
PO	8340-252-2269	LINE, TENT, GUY 1/IN. DIA,	EA	2	REF	REF	REF	REF	1	29
		8 FT LG								
		MILL1709 (81319)								
PO	8340-376-1295	TOGGLE WOOD	EA	16	REF	REF	REF	REF	1	33
		9T11 (81337)								
PO	8340-261-9750	PIN, TENT, WOOD: 16 IN. LG	EA	10	*	2	2	3	1	35
		MILL8 (81319)								
PO	83-40-261-9719	PIN, TENT, ALUMINUM 9 IN. LO,	EA	18	*	2	2	4	1	36
		TYPE I								
		MILLP51 (81349)								
		GROUP 02 - TENT, SUPPORT AND FRAME ASSEMBLY								
POR	8340-782-3400	FRAME ASSEMBLY	EA	1	*	*	*	*	2	1
		5-4-975 (81337)								
POR	8340-566-7394	ARCH ASSEMBLY, COMPLETE	EA	3	*	*	*	2	2	2
		5-4-975-1 (81337)								
PO	5310-926-1852	NUT SELF LOCKING THIN	EA	1	*	*	2	2	2	3
		MS20364-624A (96906)								
PO	5306-151-3115	BOLT, CLEVIS, RIDGE GUSSET	EA	1	*	*	2	2	2	4
		STEEL: 3/8-24 UNF3A, 1 6/364								
		IN. LG								
		AN2631 (88044)								
POR	8340-556-9697	HEADER ASSEMBLY, COMPLETE	EA	3	*	*	*	2	2	8
		5-4976-6 (81337)								
POR	8340-238-9806	PURLIN ASSEMBLY COMPLETE	EA	10	*	*	2	2	2	10
		5-977-7 (81337)								
PO	8340-823-7451	PIN, TENT, STEEL 12 IN. LG	EA	6	*	*	2	2	2	11
		MILLP501 (81349)								

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6)				(7)	
					(a)	(b)	(c)	1-YR ALLOWPER 100equip CNTGY	(a) FIG NO	(b) ITEM NO
		Reference Number and FSCM			1-20	21-50	51-100			
		USABLE ON CODE								
		GROUP 03 - TENT ACCESSORIES								
POR	8340-841-4648	COVER, TENT GENERAL PURPOSE, SMALL 5-4-783 (81337)	EA	1	•	•	•	•	3	1
POR	8340-00-556-9674	COVER, CARRYING, ARCH ASSEMBLY 5-4-1043 (81337)	ST	1	•	•	•	•	3	4
POR	8340-556-9671	COVER, CARRYING, PURLIN ASSEMBLY 5-4-1044 (81337)	ST	1	•	•	•	•	3	7

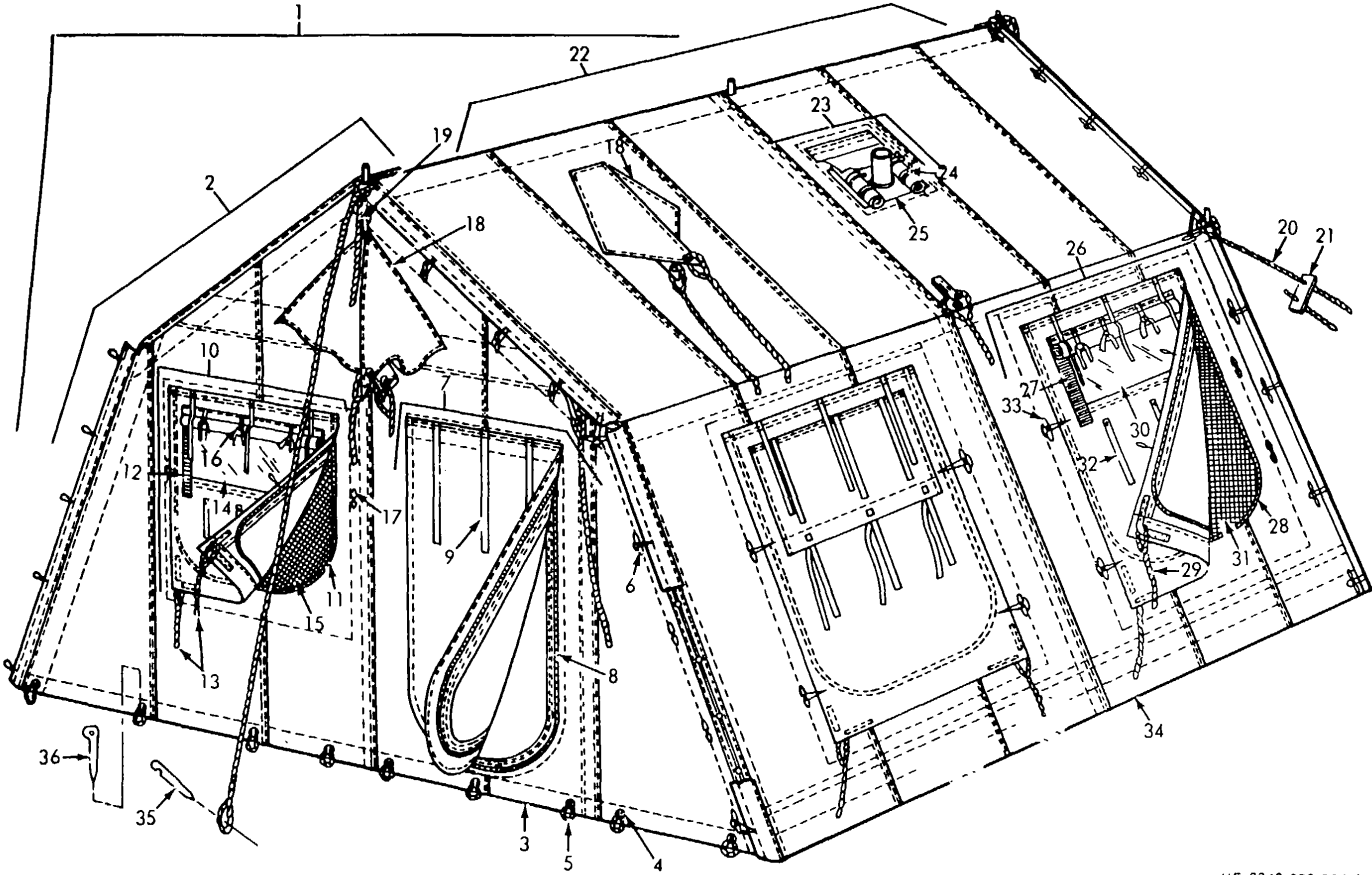
(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6)				(7)	
					(a)	(b)	(c)	1-YR ALLOWPER 100equip CNTGY	(a) FIG NO	(b) ITEM NO
		Reference Number and FSCM			1-20	21-50	51-100			
		USABLE ON CODE								
		SECTION V -REPAIR PARTS								
		GROUP 01 - TENT, BODY								
POR	8340-782-3425	TENT, ODY: C/O 2 END SECTIONS, 1 INTERMEDIATE SECTION LPDES29-5 (81337)	EA	1	*	*	*	5	1	1
POR	8340-566-7398	TENT END SECTION 5-4-963 (81337)	EA	2	*	*	*	* 5	1	2
P F	8305-261-8797	CLOTH, COTTON: WIND RESISTANT, OG107 MILG12095 (81349) (BASIC FABRIC OF TENT)	YD	V	2	5	10	115	1	3
P F	5325-641-O295	GROMMET, METALLIC NO. 3 MILG16491 (81349)	EA	18	2	4	8	100	1	4
P O	8340-252-2299	LINE, TENT, FOOTSTOP: 1/4 IN. EA 9 4 7 15 175 1 5 DIA, 19 IN. LG MILL1709 (81349)								
M F		FLAP, BECKET, LOOP EA 9 1 6 5-4-971 (81337) MANUFACTURE FROM: CORD, POLYESTER, 1/8 IN. DIA, AS REQUIRED, FSN 4020-180-6680 GROMMET, METALLIC, NO.1 36 REQUIRED, FSN 53251-6434 28 TOGGLE, TENT, WOOD, 2-11/16 IN. LG, 38 REQUIRED, FSN 834 376-1 295								
X1		DOOR ASSEMBLY 5-4-974 (81337)	EA	2					1	7
P F	5325-1777-4226	FASTENER, SLIDE, DOUBLE WIRE STIRRUP 154 IN. LG VF106 (81348)	EA	1	*	2	2	20	1	8
M F		TIE, TAPES MILT43566 (81349) MANUFACTURE FROM: TAPE, TEXTILE, COTTON, 3/4 IN. WIDE, AS REQUIRED, FSN 8315-253-6289		6					1	9
X2F		WINDOW ASSEMBLY, END SECTION 5-4-965 (81337)	EA	2					1	10
P F	5325-171-4227	FASTENER SLIDE, SINGLE WIRE STIRRUP: 112 IN. LG	EA	1	*	2	2	20	1	11
M F		FASTENER, TAPE, HOOK AND PILE- 2 IN. W MILF18410 (81349) MANUFACTURE FROM: FASTENER, TAPE, HOOK AND PILE: AS REQUIRED, FSN 8315-45-9837 FASTENER, TAPE, PILE, AS REQUIRED, FSN 8315-4986631		1					1	12
P O	8340-252-2269	LINE, TENT: GUY, 1/4 IN. DIA, 8 FT LGC MILL1709 (81349)	EA	4	4	8	17	200	1	13

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6)				(7)	
					(a)	(b)	(c)	1-YR ALWPER 100eqip CNTGY	(a) FIG NO	(b) ITEM NO
M F		Reference Number and FSCM USABLE ON CODE PANE, WINDOW 5-4-965 (81337) MANUFACTURE FROM FLM, POLYETHELENE .020 IN. THK, 23 1/2 IN. BY 44 IN. REQUIRED PER WIHNO FSN 8340-566-7387		1	1.20	21.50	51.100		1	14
M F		SCREENING, NONMETALLIC MANUFACTURE FROM SCREENING, NONMETALLIC, 18 IN. BY 18 IN. REQUIRED, FSN 8305-926-1613		1					1	15
M F		TIE, TAPES 5-4-965 (81337) MANUFACTURE FROM TAPE, TEXTILE, COTTON, 3/4 IN. WIDE, AS REQUIRED, FSN 8315-253-6289		24					1	16
P O	8340-376-1295	TOGGLE, TENT: WOOD 5-4971 (81337)	EA	4	4	8	17	200	1	17
M F		VENT ASLY END SECTION 5-4-972 (81337) MANUFACTURE FROM GROMMET, METALLIC NO, 2, 2 REQUIRED FSN 5325-641-0404 LINE, TENT, VENT GUY, 2 REQUIRED, FSN 83403252-2269		3					1	18
P O	8340-556-9689	SCREENING, METALLIC, 26 IN. BY 2D IN. REQUIRED, FSN 8305926-1613 LINE, TENT, RIDGE, GUY MILL 1709 (813491)	EA	4	*	*	2	8	1	19
P O	8340-252-2271	LINE, TENT, GUY: 5/16 IN. DIA, 13 FT LG MILL1709 (81 39)	EA	6	*	2	2	12	1	20
P O	8340-205-2759	SLIP, TENT LINE, MAGNESIUM 3 1/4 IN. LG MILS1T13 (81349)	EA	10	*	2	2	20	1	21
P O	8340-556-7416	TENT INTERMEDIATE SECTION 5-4962(81337)	EA	1	*	*	*	5	1	22
X2F		STOVE PIPE OPENING ASSEMBLY 5-4-970 (81337)	EA	1					1	23
MF		TIE TAPES: STOVE PIPE OPENING 5-4-970 (81337) MANUFACTURE FROM TAPE, TEXTILE COTTON: 3/4 IN. WIDE, AS REQUIRED, FSN 8315-253-6289								
P F	8315-896-9053	SHIELD, STOVE PIPE MILS43002 (81349)	EA	1	*	2	2	15	1	25
X2F		WINDOW ASSEMBLY 5-4-965 (81337)	EA	4					1	26
M F		FASTENER, TAPE HOOK AND PILE: 2 IN. W MANUFACTURE FROM: FASTENER, TAPE, HOOK AND PILE: 2 IN. W MANUFACTURE FROM FASTENER, TAPE, HOOK, AS REQUIRED FSN 8315-450-9837		V					1	27

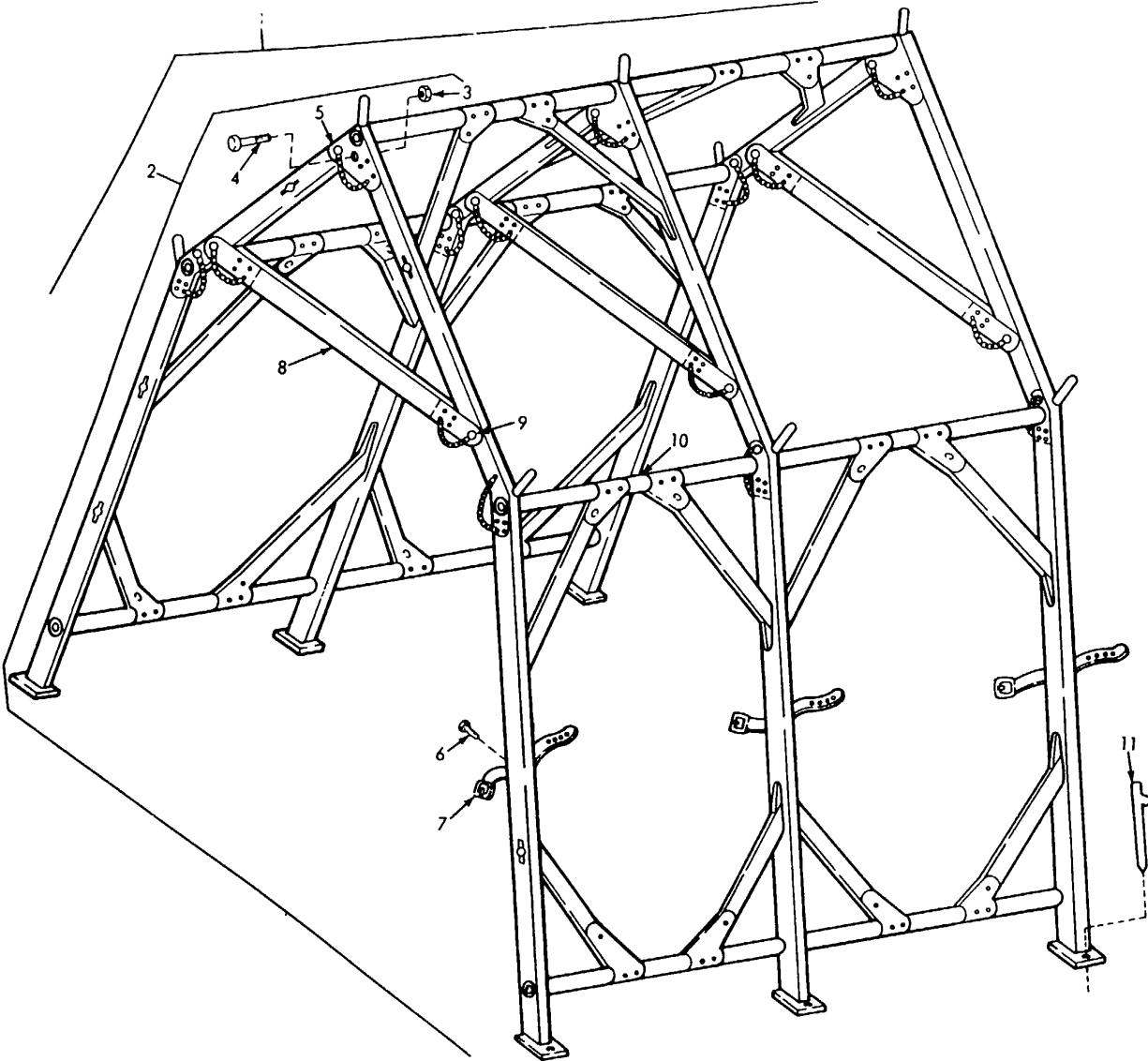
(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6)				(7)	
					(a)	(b)	(c)	1-YR ALLOWPER 100equip	(a) FIG NO	(b) ITEM NO
		Reference Number and FSCM			1-20	21-50	51-100	CNTGY	NO	NO
P F	5325-177-4225	FASTENER, TAPE, PILE, AS REQUIRED FSN 8315-498-6631	EA	4	2	2	3	30	1	28
P O	8340-252-2269	FASTENER, SLIDE, SINGLE WIRE, STIRRUP-1 139 IN. LG VF106 (81348)	EA	2	REF	REF	REF		1	29
M F		LINE, TENT, GUY: 1/4 IN. DIA, 8 FT LG MILL1709 (81349)		4					1	30
M F		PANE, WINDOW 5-4-965-12 (81337) MANUFACTURE FROM: FILM, POLYETHYLENE, .020 IN. THK, 23 1/2 IN. EY 44 IN., REQUIRED PER WINDOW, FSN 83-.5667387		1					1	31
M F		SCREENING, NONMETALLIC MANUFACTURE FROM SCREENING, NONMETALLIC, 18 IN. BY 18 IN. REQUIRED, FSN 8305-926-1613		12					1	32
P O	8340-376-1295	TIE, TAPES 5-4-965-15 (81337) MANUFACTURE FROM TAPE, TEXTILE COTTON, IN. W, AS REQUIRED, FSN 8315-253-6289	EA	16	REF	REF	REF		1	33
		TOGGLE, WOOD 5-4-971 (81337)		8					1	34
P O	8340-261-9750	PURLIN FLAP, GROUND 5-4-967 (81337) MANUFACTURE FROM CORD, POLYESTER, 1/4 IN., AS REQUIRED, FSN 4020-180-6675	EA	10	2	3	5	60	1	35
P O	8340-261-9749	GROMMET METALLIC, NO. 1, 9 REQUIRED, FSN 5325-61113428	EA	18	2	4	8	90	1	36
P F	8310-988-1300	HOOK, ESS, 36 REQUIRED, FSN 5340-176-0605	TU	V	*	*	*	5		
P O R	8340-782-3400	PIN, TENT, WOOD: 16 IN. LG MILP2383 (81349)	EA	1	*	*	*	5	2	1
P O R	8340-566-7394	PIN, TENT, ALUMINUM: 9 IN. LG, TYPE 1 MILP501 (81349)	EA	3	*	2	2	20	2	2
P O	5310-926-1852	THREAD, POLYESTER TYPE 1, CLASS 1, SUBCLASS B TICKET SIZE F VT285 (81348) GROUP 02 - TENT, SUPPORT AND FRAME ASSEMBLY	EA	1	2	2	3	40	2	3
		FRAME ASSEMBLY 5-4-975 (81337)		1	*	*	*	5	2	1
		ARCH ASSEMBLY. COMPLETE 5-4-975-1 (81337)		3	*	2	2	20	2	2
		NUT, SELF-LOCKING: THIN STEEL, 3/8-24 UNF 3B MS20364-624A (96906)		1	2	2	3	40	2	3

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6)				(7)	
					(a)	(b)	(c)	1-YR ALLOWPER 100equip CNTGY	(a) FIG NO	(b) ITEM NO
P O	5306-151-3115	BOLT, CLEVIS, RIDGE GUSSET, STEEL, 3/8-24 UNF 3A, 1 63/64 IN. LG AN26-31 (88041)	EA	1	2	2	3	40	2	4
M F		PIN, QUICK RELEASE, WITH CHAIN 1 2 5 EAVE AND RIDGE PLATE 5-4-976-5-5AND5-6 (81337) MANUFACTURE FROM: PIN, QUICK RELEASE, 3/8 IN. DIA BY 1.80 IN. LG, 1 REQUIRED, FSN 5340-177-4076 CHAIN, WELDLESS SASH STEEL, FSN 4010-228-9939 SCREW, TAP, THREAD FORMING, NO. 8-15 BY 1/2 IN. LG, 1 REQUIRED FSN 5305-883-0628								
P F	5305-052-9051	SCREW, TAP, THREAD FORMING, NO. 8-32 BY 1/2 IN. LG MS24630-36 (96906)	EA	1	*	*	2	15	2	6
M F		STRAP, BINDING ARCH, LEATHER 1 2 7 5-4-977 (81337) MANUFACTURE FROM BUCKLE, STEEL, 1 IN., 1 REQUIRED, FSN 5340-297-6644 LEATHER, CATTLEHIDE, AS REQUIRED, FSN 8330-241-0780 RIVET, TUBULAR, BRASS, 3/16 IN. DIA BY 5/16 IN. LG, 1 REQUIRED, FSN 5320-042-6173								
P O R	8340-556-9697	HEADER ASSEMBLY, COMPLETE 5-4-976-6 (81337)	EA	3	*	2	2	20	2	8
M F		PIN, QUICK RELEASE WITH CHAIN 5-4-976-36-3-4 (81337) MANUFACTURE FROM PIN, QUICK RELEASE, 3/8 IN. DIA BY 1.80 IN LG, 2 REQUIRED, FSN 530-177-4076 CHAIN, WELDLESS SASH, STEEL, AS REQUIRED, FSN 4010-171-4512 SCREW, TAP, THREAD FORMING, NO. 8-15 BY 1/2 IN., 2 REQUIRED, FSN 5305-016-1860		2					2	9
P O R	8310-238 9806	PURLIN ASSEMBLY, COMPLETE 5-4-97-7 (81337)	EA	10	2	2	3	30	2	10
P O	8340-823-7451	PIN, TENT, STEEL: 12 IN. LG MILP501 (81349)	EA	6	2	2	3	40	2	11
P O R	8340-841-4648	GROUP 03 - TENT ACCESSORIES COVER, TENT: GENERAL PURPOSE, SMALL 5-4-763 (81337)	EA	1	*	*	*	5	3	1

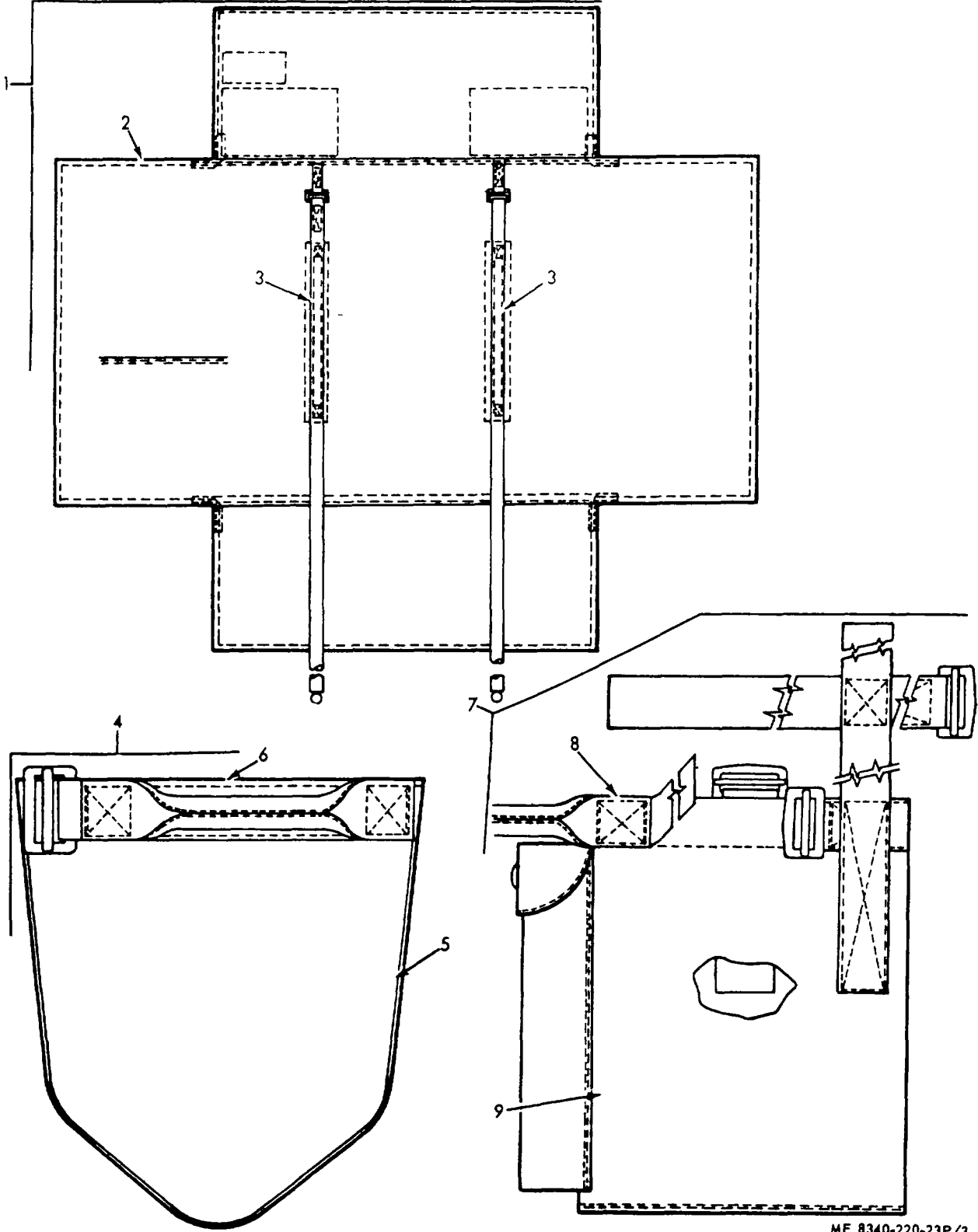
(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6)			(7)		
					(a) 1-20	(b) 21-50	(c) 51-100	1-YR ALLOWPER 100equip CNTGY	(a) FIG NO	(b) ITEM NO
P F *	8305-926-6171 5	Reference Number and FSCM 3 CLASS 1, OD, 7 MILC41808 (81349)	USABLE ON CODE 2	CLOTH, COTTON, DUCK:	9.85	OZ,	YD	V	*	*
MF		STRAP, CARRYING 5-4-783 (81337) MANUFACTURE FROM STRAP, LOOP, CLIP, END, BALL TYPE, 2 REQUIRED, FSN 5340-078-7029 WEBBING, TEXTILE, COTTON, TYPE II, CLASS 4, 1 IN. WV, 11 FT, PER STRAP FSN 8305-260-2544 LOOP, STRAP FASTENER, TYPE III, STYLE B, 1 IN. BY 1 1/2 IN., 4 REQUIRED, FSN 5340-297-6837		2					3	3
P O R *	8340-556-9764 5	3 5-4-1043 (81337)		COVER, CARRYING ARCH ASSEMBLY			ST	1	*	*
P F 5	8305-170-3853 3	5 FEDSPECCCCC419TYI (81348)		CLOTH, COTTON, DUCK: NO		6 YD		*	*	*
MF		STRAP, CARRYING 5-4-1043 (81337) MANUFACTURE FROM ADAPTER, 2 REQUIRED, FSN 5340-981-6905 WEBBING, TEXTILE, NYLON, 1 3/4 IN. WIDE, AS REQUIRED, FSN 8305-261-8585		1					3	6
P O R *	8340-556-9671 5	3 5-4-1044 (81337)		COVER, CARRYING PURLIN ASSEMBLY			ST	1	*	*
MF		STRAP, CARRYING 5-4-1044 (81337) MANUFACTURE FROM ADAPTER, 2 REQUIRED, FSN 534-981905 WEBBING, TEXTILE, NYLON, 1 3/4 IN. W. AS REQUIRED, FSN 8305-261 8585		1					3	8
P F 3	8305-170-3853 9	FEDSPECCCCC419TYI (81348)		CLOTH, COTTON DUCK NO.		6 YD	V	*	*	*



ME 8340-220-23P /1



14



ME 8340-220-23P/3

Figure 3. Cover and carrying Cases

SECTION VII. MAINTENANCE ALLOCATION CHART

Part I. INTRODUCTION

1. General

a. Part I provides a general explanation of all maintenance and repair functions authorized at various maintenance levels.

b. Part II designates overall responsibility for the performance of maintenance functions on the identified end item or components. The implementation of the maintenance functions upon the end item or component will be consistent with the assigned maintenance functions.

c. Part III. Not Applicable.

d. Part IV contains supplemental instructions, explanatory notes and/or illustrations required for a particular maintenance function.

2. Explanation of Columns in Part II

a. *Group Number, Column (1)*. The assembly group is a numerical group assigned to each assembly in a top down breakdown sequence. The applicable assembly groups are listed on the MAC in disassembly sequence beginning with the first assembly removed in a top down disassembly sequence.

b. *Assembly Group, Column (2)*. This column contains a brief description of the components of each assembly group.

c. *Maintenance Functions, Column (3)*. This column lists the various maintenance functions (A through K) and indicates the lowest maintenance category authorized to perform these functions. The symbol designations for the various maintenance categories are as follows:

C-Operator or crew
O-Organizational maintenance
F-Direct support maintenance

The maintenance functions are defined as follows:

A-Inspect. To determine serviceability of an item by comparing its physical, mechanical, and

electrical characteristics with established standards.

B-Test. To verify serviceability and to detect electrical or mechanical failure by use of test equipment.

C-Service. To clean, to preserve, to charge, to paint, and to add fuel, lubricants, cooling agents, and air.

D-Adjust. To rectify to the extent necessary to bring into proper operating range.

E-Align. To adjust specified variable elements of an item to bring to optimum performance.

F-Calibrate. To determine the corrections to be made in the readings of instruments or test equipment used in precise measurement. Consists of the comparisons of two instruments, one of which is a certified standard of known accuracy, to detect and adjust any discrepancy in the accuracy of the instrument being compared with the certified standard.

G-Install. To set up for use in an operational environment such as an emplacement, site, or vehicle.

H-Replace. To replace unserviceable items with serviceable assemblies, subassemblies, or parts.

I-Repair. To restore an item to serviceable condition. This includes, but is not limited to, inspection, cleaning, preserving, adjusting, replacing, welding, riveting, and strengthening.

J-Overhaul. To restore an item to a completely serviceable condition as prescribed by maintenance serviceability standards using the Inspect and Repair Only as Necessary (IROAN) technique.

K-Rebuild. To restore an item to a standard as nearly as possible to original or new condition in appearance, performance, and life expectancy.

This is accomplished through complete disassembly of the item, inspection of all parts or components, repair or replacement of worn or un-

serviceable elements (items) using original manufacturing tolerances and specifications, and subsequent reassembly of the item.

d. *Tools and Equipment, Column (4).* This column is provided for referencing by code the special tools and test equipment, Part III) required to perform the maintenance functions (Part II).

e. *Remarks, Column (5).* This column is provided for referencing by code the remarks (Part IV) pertinent to the maintenance functions.

3. Explanation of Columns in Part IV

a. *Reference Code.* This column consists of two letters separated by a dash, both of which are references to Part II. The first letter references Column (5) and the second letter references a maintenance function, Column (3), A through K.

b. *Remarks.* This column lists information pertinent to the maintenance function being performed, as indicated on the MAC, Part II.

Part II. MAINTENANCE ALLOCATION CHART

(1) Group No.	(2) Functional Group	(3) Maintenance functions											(4) Tools and equipment	(5) Remarks		
		A Inspect	B Test	C Service	D Adjust	E Align	F Calibrate	G Install	H Replace	I Repair	J Overhaul	K Rebuild				
01	Tent Body															
	Body tent	C		C						O	O	F				A-I
	Fastener slide	C		C						F	O					B-C
	Lines	C		C						O	O					C-I
	Slip tent line	C		C						O	O					
	Pin tent.....	C		C						O	O					
02	Tent Support and Frame															
	Assembly															
	Frame assembly	C		C						O	F	F				
03	Tent Accessories															
	Cover tent.....	C		C						O	O	F				A-I
	Case carrying.....	C		C						O	O	F				A-I

Part IV. REMARKS

REFERENCE CODE	REMARKS
A-I	Repair by handsewing or patching at organizational level. Machine sewing at D, S level.
B-C	Lubricate shade fastener.
C-I	Repair to lines consists of replacing tent slips and end whipping.

**SECTION VIII. INDEX - FEDERAL STOCK NUMBER AND REFERENCE NUMBER
CROSS-REFERENCE TO FIGURE AND ITEM NUMBER**

<u>STOCK NUMBER</u>	<u>FIG. NO</u>	<u>ITEM NO</u>	<u>STOCK NUMBER</u>	<u>FIG. NO</u>	<u>ITEM NO</u>
5305-052-9051	2	6	8340-252-2271	1	20
5306-151-3115	2	4	8340-252-2299	1	5
5310-926-1852	2	3	8340-261-9749	1	36
5325-177-4225	1	28	8340-261-9750	1	35
5325-177-4226	1	8	8340-376-1295	1	17
5325-177-4227	1	11		1	33
5325-641-0295	1	4	8340-556-9671	3	7
8305-170-3853	3	5	8340-556-9689	1	19
	3	9	8340-556-9697	2	8
8305-261-8797	1	3	8340-556-7394	2	2
8305-926-6171	3	2	8340-566-7398	1	2
8315-896-9053	1	25	8340-556-7416	1	22
8340-56-9674	3	4	8340-782-3400	2	1
8340-205-2759	1	21	8340-782-3425	1	1
8340-238-9806	2	10	8340-823-7451	2	11
8340-252-2269	1	13	8340-841-4648	3	1
	1	29			

<u>REFERENCE NO.</u>	<u>MFR CODE</u>	<u>FIG. NO.</u>	<u>ITEM NO.</u>	<u>REFERENCE NO.</u>	<u>MFR CODE</u>	<u>FIG. NO.</u>	<u>ITEM NO.</u>
AN26-31	88044	2	4	5-4-783	81337	3	1
FEDSPECCCCC419TYI	81348	3	5		81337	3	3
81348	3	9		5-4-962	81337	1	22
LPDES29-65	81337	1	1	5-4-963	81337	1	2
MILC12095	81349	1	3	5-4-965	81337	1	10
MILC41808	81349	3	2		81337	1	14
MILF21840	81349	1	12		81337	1	16
MILG16491	81349	1	3		81337	1	26
MILL1709	81349	1	5	5-4-965-12	81337	1	30
	81349	1	13	5-4-965-45	81337	1	32
	81349	1	19	5-4-967	81337	1	34
	81349	1	20	5-4-970	81337	1	23
	81349	1	29		81337	1	24
MILP2383	81349	1	35	5-4-971	81337	1	6
MILP501	81349	1	36		81337	1	17
	81349	2	11		81337	1	33
MILS1734	81349	1	21	5-4-972	81337	1	18
MILS43002	81349	1	25	5-4-974	81337	1	7
MILT43566	81349	1	9	5-4-975	81337	2	1
MS20364-624A	96906	2	3	5-4-975-1	81337	2	2
MS24630-36	96906	2	6	5-4-976-5-5AND5-6	81337	2	5
VF106	81348	1	8	5-4-976-6	81337	2	8
	81348	1	11	5-4-976-6-3AND6-4	81337	2	9
	81348	1	28	5-4-977	81337	2	7
5-4-1043	81337	3	4	5-4-977-7	81337	2	10
	81337	3	6				
5-4-1044	81337	3	7				
	81337	3	8				

ITEMS NOT ILLUSTRATED

<u>STOCK NUMBER</u>	<u>GROUP NO</u>	<u>REFERENCE NO</u>	<u>MFG CODE</u>	<u>GROUP No</u>
8310-988-1300	01	VT285	81348	01

By Order of the Secretary of the Army:

W. C. WESTMORELAND,
General, United States Army,
Official: Chief of Staff.

KENNETH G. WICKHAM,
Major General, United States Army,
The Adjutant General.

Distribution:

To be distributed in accordance with DA Form 12-25, Section I (qty rqr block no. 278) Organizational Maintenance requirements for Tents.

