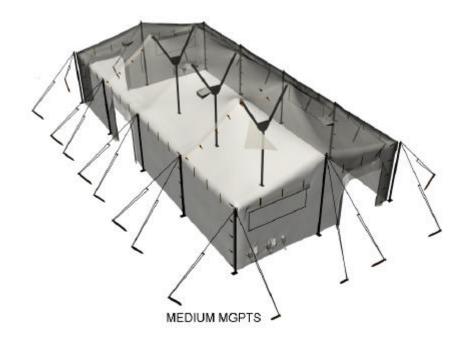
#### **TECHNICAL MANUAL**

# OPERATOR'S AND UNIT MAINTENANCE MANUAL, INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST FOR

#### **MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS)**

NSN 8340-01-456-3633 (SMALL) NSN 8340-01-456-3628 (MEDIUM) NSN 8340-01-456-3674 (LARGE)



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**30 SEPTEMBER 1999** 



- All tent guy ropes must be staked down.
- Lethal voltage is present when light set is connected to power source. Disconnect from power source before inspecting or repairing any electrical component. *Electrical shock or death* may result from failure to acknowledge this warning.
- Do not use any type of non vented heaters. The use of non vented heaters will cause the accumulation of Carbon monoxide gas. Carbon monoxide gas is not visible and has no smell. If symptoms of headache, dizziness, fatigue, nausea, or irregular breathing occur, move affected personnel to fresh air. Failure to comply with this warning may result in personal injury or death.
- All fuel burning heaters consume oxygen. Adequate ventilation must be maintained at all times. Keep roof vents clear of snow, ice or debris. Open doors, windows, flaps, hook and loop fastener wall closures as needed to introduce sufficient fresh air to replace oxygen consumed by heaters. If symptoms of headache, dizziness, fatigue, nausea, or irregular breathing occur, move affected personnel to fresh air.
   Failure to comply with this warning may result in personal injury or death.
- Do not run internal combustion engines inside tent without sidewalls rolled up. Failure to comply with this warning may result in personal injury or death.
- Mid and End Sections are heavy. Four personnel are required to lift each section.
   Always lift with your legs not with your back.
- Side pole bottoms may slip or kick out on hard or slippery surfaces. Maintain control
  of side pole and center poles at all times when lifting. Two persons are required to
  lift and position each side pole, and three persons are required to lift each center
  pole.
- Always begin raising the tent from downwind, lowering from upwind side. This will
  prevent wind from getting underneath and moving partially raised unsecured tent.
- Use care to ensure fingers, or other parts are not caught in center pole hinge point.
- Three personnel are required to put center pole in tent and raise it. Always lift with your legs, *not* your back.
- Ensure all personnel and equipment have been removed from tent before striking or lowering.
- Do not smoke when using seam sealer or adhesive. Do not use seam sealer, or adhesive around open flame. Seam sealer is flammable.
- Use seam sealer and adhesive in well ventilated ares only. Use personal protective equipment to prevent inhalation of fumes. In case of dizziness *leave area immediately*.

i

- Stakes at pole feet must be used to prevent excessive movement of the MGPTS in high winds. Failure to stake and tie down tent may result in personal injury or damage to equipment.
- Eliminate the possibility of tripping. Clear fabric and guy lines. Injury to personnel may result from falls.

#### CAUTIONS

- Do not twist or turn center pole arms when handling. Damage to equipment may result.
- Allow slack in electrical cables. Strain on cable can damage equipment.
- Avoid damage to fabric and guy lines. Do not stand on fabric or guy lines. Material may rip or lacerate.

HEADQUARTERS DEPARTMENT OF THE ARMY Washington, D.C., 30 SEPTEMBER 1999

#### **TECHNICAL MANUAL**

# OPERATOR'S AND UNIT MAINTENANCE MANUAL, INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST FOR

#### MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS)

NSN 8340-01-456-3633 (SMALL) NSN 8340-01-456-3628 (MEDIUM) NSN 8340-01-456-3674 (LARGE)

#### 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 together with DA Form 2028 (Recommended Changes to Publications and Blank Forms), located in the back of this manual, directly to: Commander, U.S. Army Soldier and Biological Chemical Command, ATTN: AMSSB-RIM-EC(N), Kansas Street, Natick, MA 01760-5052. You may also send in your recommended changes via electronic mail directly to: <a href="mailto:</a><a href="mailto:</a> armsscsr@natick-amed02.army.mil> A reply will be furnished to you. Instructions for sending an electronic 2028 may be found at the back of this manual immediately preceding the hard copy 2028.

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#### **HOW TO USE THIS MANUAL**

This Operator's and Unit Manual for Modular General Purpose Tent System (MGPTS) contains general information, operating instructions, and operator Preventive Maintenance Checks and Services (PMCS) for the MGPTS. Use the front cover index to quickly find the sections of the manual shown on the cover.

TM-10-8340-240-12&P

# TECHNICAL MANUAL OPERATOR AND UNIT MANUAL FOR MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS)

SMALL: NSN 8340-01-456-3633 MEDIUM: NSN 8340-01-456-3628 LARGE: NSN 8340-01-456-3674



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30 SEPTEMBER 1999

The manual is divided into chapters, sections and paragraphs that are numbered in sequence. Pages, paragraphs and tables are numbered by chapter. For example, page 3 of chapter 2 is marked 2-3, the second table of chapter 1 is labeled Table 1-2. To quickly find specific information, use the Table of Contents on pages iv and v. The Table of Contents lists paragraph and page numbers by chapter and section. For example, the front cover index tells you that Chapter 1, General Information, begins on page 1-1. The Table of Contents on pages v and vi tells you the exact page where each section of each chapter is located. Detailed Tables of Contents have been placed at the beginning of each chapter. A comprehensive alphabetical index starts on page Index-1 at the end of the manual.

TM 10-8340-240-12&P
CHAPTER 1 GENERAL INFORMATION

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### MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) GENERAL INFORMATION

0001 00

#### **SCOPE**

This manual contains operator and user's instructions/operation and care/maintenance for the Modular General Purpose Tent System (MGPTS). The Manual covers site preparation, erection, care/maintenance, striking, cleaning, repair and storage of the MGPTS.

The MGPTS was designed to provide protection for personnel and equipment from debilitating effects of continuous exposure in climatic categories: hot, basic, cold, and severe cold. It can also be utilized for medical units, troop billeting, command and control, humanitarian/disaster relief, storage applications, and limited organizational maintenance functions.

This system will replace the current General Purpose (GP) Tents, which require excessive time to erect and strike, lack commonality of parts, and cannot be complexed together with other tents in the inventory.

#### MAINTENANCE FORMS AND RECORDS

Department of Army forms and procedures used for equipment maintenance will be those prescribed by DA PAM 738-750, The Army Maintenance Management System (TAMMS).

#### REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIRs)

If your MGPTS needs improvement, let us know. You, the user, are the only one who can tell us what you do not like about your equipment. Let us know why you do not like the design or performance. Put it on SF 368 (Product Quality Deficiency Report). Mail your letter together with DA Form 2028 (Recommended Changes to Publications and Blank Forms), located in the back of this manual, directly to: Commander, U.S. Army Soldier and Biological Chemical Command, ATTN: AMSSB-RIM-EC(N), Kansas Street, Natick, MA 01760-5052. You may also send in your recommended changes via electronic mail directly to: <amsscsr@natick-amed02.army.mil> A reply will be furnished to you. Instructions for sending an electronic 2028 may be found at the back of this manual immediately preceding the hard copy 2028.

#### **CORROSION PREVENTION AND CONTROL (CPC)**

Corrosion Prevention and Control (CPC) of Army material is always a concern. MGPTS corrosion problems must be reported. If reported, the problems can be corrected. This helps make better tents.

Corrosion is often associated with rusting of metals. It can also include rotting of other materials, such as rubber and plastic. Cracking, softening, swelling of rubber and plastic may be a corrosion problem.

If a corrosion problem is found, it can be reported using a Standard Form 368, Quality Deficiency Report. Use of key words such as "corrosion," " rust," " deterioration," or "cracking" will assure that the information is identified as a CPC problem. This form should be submitted to the address specified in DA PAM 738-750

#### **DESTRUCTION OF ARMY MATERIAL TO PREVENT ENEMY USE**

Destruction of Army material to prevent enemy use shall be in accordance with TM 750-244-3, Procedure for Destruction of Army Material to Prevent Enemy Use.

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) GENERAL INFORMATION

0001 00

#### PREPARATION FOR STORAGE OR SHIPMENT

Refer to WP 0006 00 to prepare the MGPTS for storage and shipment.

#### WARRANTY INFORMATION

<u>Warranty.</u> A Product Registration card with identification numbers is packed with each tent. The Registration card is packaged along with set-up instructions in a clearly identifiable envelope inside the shipping container. This envelope will instruct the user how to send in the Product Registration card to Eureka! Tent when the tent is first deployed. The three-year warranty will begin on the date the Registration is received at Eureka! Tent. No warranty claims will be allowed against a product where a Product Registration card has not been received.

<u>Limited Warranty.</u> Eureka! Tent warrants the Modular General Purpose Tent Systems are free from major defects in materials or workmanship and will meet performance specifications as listed in sections 3.3 - 3.6.6 in solicitation number DAAK60-97-R-9622 for a period of three years after first deployment. If defects are found, call our Customer Service Center at 1-800-847-1460 for a return authorization. If, after inspection, we find that the product was defective in material or workmanship, we shall, at our option, either repair or replace it without charge. We are not responsible for normal wear and tear or for damage caused by accidents, misuse, alterations, or improper installations. Additionally, although we manufacture our products with quality fabrics, we are not responsible for the negative effects of climate, pollution or acts of God beyond those outlined in sections 3.3 - 3.6.6 in solicitation number DAAK60-97-R-9622. Because tents are temporary structures, it is necessary that each unit be installed and maintained according to the manufacturer's instructions.

There are no other express warranties beyond the terms of this limited warranty. In no event shall Eureka! Tent be liable for incidental or consequential damages.

#### NOMENCLATURE CROSS-REFERENCE LIST

Common Name Official Name

Tent Modular General Purpose Tent System

Vestibule Vestibule

Lights Light Set, Fluorescent, Portable

#### **ABBREVIATIONS LIST**

BII Basic Issue Item
COEI Component of End Item
CPC Corrosion Prevention Control

DS2 Decontamination Solution (Ready to Use)

ECU Environmental Control Unit

EIR Equipment Improvement Recommendation

GP General Purpose

ISO International Standards Organization
MGPTS Modular General Purpose Tent System

MTOE Modified Table of Organization and Equipment PMCS Preventative Maintenance Checks and Services

RPSTL Repair Parts and Special Tools List

STB Supertropical Bleach—Decontamination Agent TAMMS The Army Maintenance Management System

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) GENERAL INFORMATION

0001 00

TEMPER Tent, Extendable, Modular, Personnel TOE Table of Organization and Equipment

U/M Unit of Measure UOC Useable On Code

#### **SAFETY, CARE AND HANDLING**

Always observe Warnings, Cautions, and Notes in the manual. They appear before appropriate procedures. Be sure you read and understand each of the Warnings, Cautions, and Notes. Failure to observe them may cause damage to yourself, others, or equipment.

End of Work Package

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0001 00-3/BLANK

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) EQUIPMENT DESCRIPTION

0002 00

#### **EQUIPMENT CHARACTERISTICS, CAPABILITIES AND FEATURES**

The MGPTS is a pole supported modular structure that can be quickly erected under normal conditions. The MGPTS is issued in three sizes: Small, Medium, and Large. The MGPTS can also be complexed in various combinations of length and width.

- a. Characteristics.
  - Modular
  - Lightweight structure
  - Pole supported
- b. Capabilities and Features.
  - Provides environmental protection for personnel, command and control, support, or maintenance
  - Flexible configuration
  - Can be complexed to other types of shelters
  - Accommodates external environmental control unit

Setup: Small four personnel in 27 minutes
Medium four personnel in 36 minutes
Large six personnel in 67 minutes

#### LOCATION AND DESCRIPTION OF MAJOR COMPONENTS

The Major components of the MGPTS are identified in Figure 002 00-1. The components are described in paragraphs (a) through (e).

- a. **Side Poles** (1) are seven foot long fixed length aluminum poles. At the top of the side poles, there is a cap assembly. The base of the poles have a base plate with a stake tube. Guy ropes are attached to the cap assembly.
- b. **End Poles** (2) are seven foot long aluminum poles extendable to nine foot. The End Poles are extended by first pulling out a locking pin on the upper leg assembly. Then pulling the upper leg assembly to the upper hole and pushing in the pin. At the top of the end poles there is a cap assembly, and the base of the poles have a stake tube. Guy ropes are attached to the cap assembly.
- c. **Center Poles** (3) are aluminum poles that resemble a Y. The upper arms of the Y fold down for storage and transport. The base of the Center Pole also has a stake tube.
- d. **End Sections** (4) are made of polyester fabric that is white inside and green on the outside. The roof, side and end walls are part of the End Section. Attachment of the End Section to the Mid Section is made using grommets and becket lacing. Two flaps are buckled over the becket lacing. This makes a weather proof, light secure joint. Every End Section has a door, window, ECU and electrical feed throughs.

## MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) EQUIPMENT DESCRIPTION

0002 00

e. **Mid Sections** (5) are made of polyester fabric that is white inside and green on the outside. The roof and sidewalls are part of the Mid Section. Attachments to other sections are made using grommets and becket lacing. Two flaps are buckled over the becket lacing. This creates a weather proof, light secure joint. Every Mid Section has a door and a window.

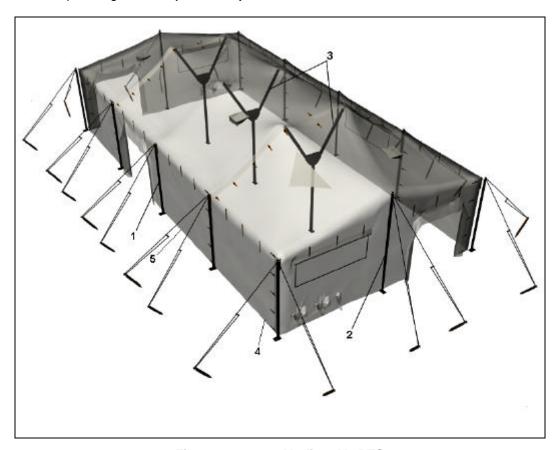


Figure 0002 00-1 Medium MGPTS



Do not use any type of non vented heaters. The use of non-vented heaters will cause the accumulation of Carbon monoxide gas. Carbon monoxide gas is not visible and it has no smell. If symptoms of headache, dizziness, fatigue, nausea, or irregular breathing occur, move affected personnel to fresh air. Failure to comply with this warning may result in personal injury or death.



All fuel-burning heaters consume oxygen. Adequate ventilation must be maintained at all times. Keep roof vents clear of snow, ice or debris. Open doors, windows, flaps, hook and loop fastener wall closures as needed to introduce sufficient fresh air to replace oxygen consumed by heaters. If symptoms of headache, dizziness, fatigue, nausea, or irregular breathing occur, move affected personnel to fresh air. Failure to comply with this warning may result in personal injury or death.

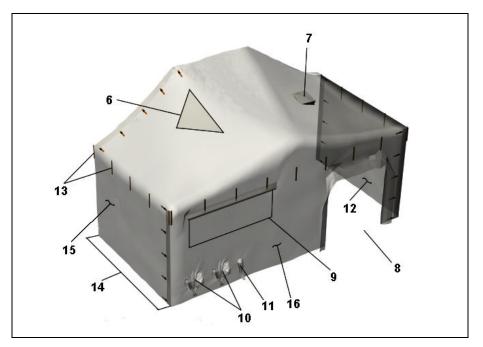


Figure 0002 00-2 End Section

The Major components of the End Section are identified in Figure 0002 00-2 and described in paragraphs (f) through (n).

- f. **Stovepipe Opening** (6) allows passage for a four inch stovepipe. It has a protective cover that is secured with a hook and loop fastener.
- g. Vent (7) is a passive vent type that involves porous foam, which is always open.
- h. **Door** (8) is a light secure type with integrated vestibule adapter. The vestibule adapter is compatible with TEMPER vestibule.

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) EQUIPMENT DESCRIPTION

0002 00

- i. **Window** (9) consists of a fixed screen section, clear plastic and fabric panels secured with hook and loop fasteners. The clear panel allows light in while providing weather security. The fabric panel covers the screen and plastic panels for weather and light security. The fabric and plastic panels can be rolled up and secured.
- j. **ECU Feed Throughs** (10) are two environmental control feed-throughs provided near ground level. Heating or ventilation ducts can enter through these. The ECU feed-throughs can be closed using tie straps. This makes them weather proof and light secure.
- k. **Electrical Feed Through** (11) is provided near the ground level for cables to enter the tent. The feed through can be closed using tie strap. This makes it weather proof and light secure.
- I. Screen Walls (12) allow ventilation while keeping out insects. They can be rolled up to allow access.
- m. Tie Tapes (13) are provided to secure rolled up fabric, screen, or clear plastic panels.
- n. **Mudskirts** (14) are fabric sections attached to the bottom edge of sidewalls (15) and End Sections (16). The mudskirts help keep moisture, debris, insect, and small animals out of tent. Sandbags may be placed on mudskirt to secure it.

#### **DIFFERENCES BETWEEN MODELS**

The differences between the three MGPTS models are the quantity of Mid Sections, Side Poles, and Center Poles.

Table 0002 00-1 Quantity of End and Mid Sections, Side,					
End and Center Pole Assemblies					
MODEL:	Small Medium Large				
End Section Qty.			2	2	2
Mid Section Qty.			0	1	2
Side Pole Qty.			6	10	14
End Pole Qty.			2	2	2
Center Pole Qty.			1	3	5

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) EQUIPMENT DESCRIPTION

0002 00

#### **EQUIPMENT DATA**

Table 0002 00-2 Component Weights

COMPONENT W	COMPONENT WEIGHTS:						
Items	Weight	Small Qty	Small Weight	Med Qty	Med. Weight	Large Qty	Large Weight
End Section	150	2	300	2	300	2	300
Mid Section	190	0	0	1	190	2	380
Center Pole	38	1	38	3	114	5	190
Side Pole	8	6	48	10	80	14	112
End Pole	15	2	30	2	30	2	30
Stakes and Bags			54		81		95
Actual Weight			470		795		1107

#### Table 0002 00-3 Environmental Capabilities

ENVIRONMENTAL CAPABILITIES:			
Setup Temp.	-60 to 120 F		
Setup Wind	25 mph max		
Operate Temp.	-60 to 120 F		
Operate Wind	55 mph steady state		
	65 mph gusts		

#### Table 0002 00-4 Packaged Volumes

10010 0002 00 11	rubio 0002 00 4 rubitagou volumos				
COMPONENT PACKAGED VOLUME:					
End Section Bag	7.59 ft3				
Mid Section Bag	15.04 ft3				
End Poles Bag	5.43 ft3				
Mid Poles Bag	3.48 ft3				

End of Work Package

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) PRINCIPLES OF OPERATION

0003 00

#### **GENERAL DESCRIPTION**

The MGPTS will initially be available with a pole support system and serve as billeting or field service functions. All sizes of the MGPTS are 18 feet wide and 7 feet high at the top of the sidewall. The MGPTS can be extended in 18-foot increments by adding intermediate modules.

#### **FABRIC SECTION**

The current GP tents use fabric, which drapes over poles. The MGPTS utilizes the concept of a tensioned fabric roof to create a structure, which distributes wind, rain and snow loads from the fabric directly to the support system. Tensioned fabric structures distribute loads more efficiently with lighter support systems than comparable non-tensioned fabric tents. The use of interchangeable components between different size tents reduces logistics burdens and saves significant depot charges.

End of Work Package

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TM 10-8340-240-12&P					
CHAPTER 2					
OPERATING INSTRUCTIONS					

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0004 00



These instructions are based on the medium MGPTS. For other tent sizes, the number of Mid Sections and poles will differ. Make modifications as required.

#### SITE SELECTION

Select an area to erect the tent. Ensure the area will be large enough for the tent and guy ropes that will be erected (see Table 0004 00-1). The area should be clear of trees, rocks and debris. Choose a relatively flat area, the ground should not vary by more than 6 inches. A trench should be dug around the perimeter of the tent about 2 feet away from the edge. A drainage ditch should also be dug for water to exit the perimeter trench.

Table 0004 00-1 Area Setup Requirements

AREA SETUP REQUIREMENTS:					
Tent	Length	Width	Height		
		34 ft	12 ft		
Medium		34 ft	12 ft		
Large	70 ft	34 ft	12 ft		

#### LAYOUT FABRIC SECTIONS

a. Identify each Fabric Section required. For the medium MGPTS you will need two End Fabric Sections and one Mid Fabric Section.



Fabric Sections are heavy. Observe lifting requirements printed on the tent and pole bags. Always lift with your legs <u>not</u> your back. Failure to observe this warning may result in back injury.

- b. Transport each required fabric section into area where tent will be erected.
- c. Unfold each End Section (2) and Mid Fabric Section (1) so that the inside (white side) is down and the green side is up. Place these sections in center area where tent is to be setup. (See Figure 0004 00-1).



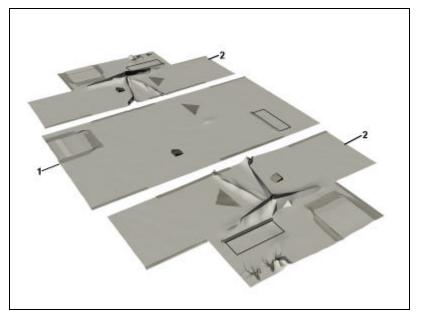


Figure 0004 00-1 Fabric Sections

- The Mid Fabric Section (1) has lace and grommets on both ends.
- The End Sections (2) have lace and grommets on one end.
- f. Position End Sections (2) on either side of the Mid Section (1) so that Becket Laces (3) align. Lay tent out flat. Fold side walls and End Walls of Mid (1) and End Sections (2) under roof section so that only roof portions are exposed. This will allow easier access to the pole attachment points. (See Figure 0004 00-2).

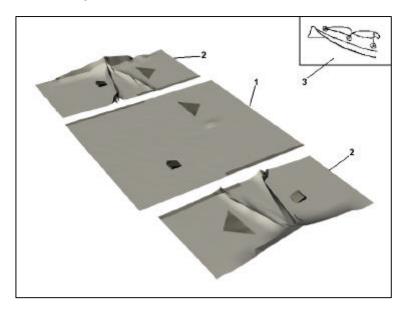


Figure 0004 00-2 Fabric Sections

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) OPERATION UNDER USUAL CONDITIONS

0004 00

#### **CONNECT FABRIC SECTIONS**

Use the following procedures to connect Becket Lace between each End Section and Mid Section:

### NOTE

Split the four personnel into two person teams. Each team should perform steps (a) through (I) at the same time on opposite ends of the tent.

a. Find the two large snap hooks (3) at the middle edge of End Section and Mid Section roofs on underside of tent. Connect the snap hooks (3). (See Figure 0004 00-3).

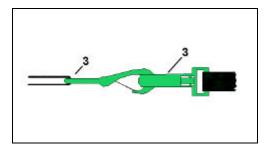


Figure 0004 00-3 Snap Hook Connection

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0004 00

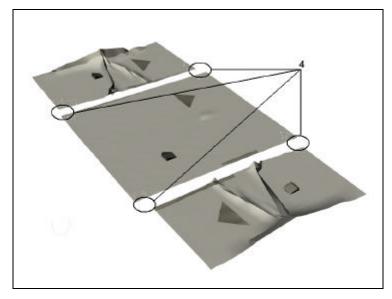


Figure 0004 00-4 Fabric Sections

b. Find Becket Lace (4) at one end of roof. You may start at either end of roof. (See Figure 0004 00-4).

This section intentionally left blank

c. Lace the Fabric Sections together by using the following instructions and figure 0004 00-5. Insert the first rope loop (5) on one roof section through the first small grommet (6) of the adjoining roof section (7). Loops always enter the white side of the fabric and exit the green side. **All loops should be pulled tight.** Insert the second loop (8) through the second grommet (9) and through the first loop (5). Insert the third loop (10) through the third grommet (11) and the second loop (8). Repeat this pattern until reaching the other side of the tent.

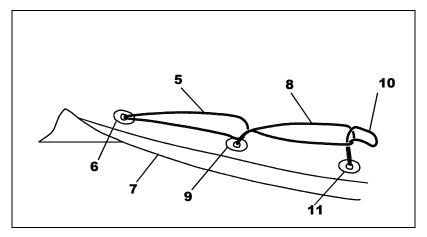


Figure 0004 00-5 Becket Lace

d. At the end, tie off last Becket Lace by using the following instructions and Figure 0004 00-6. Insert the next-to-last Becket Lace (12) through loop of last Becket Lace (13). Pull the next-to-last Becket Lace (12) back towards the ridge and tie off with half-hitch knot.

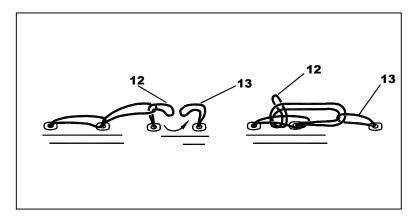


Figure 0004 00-6 End of Becket Lace

0004 00

- e. Flaps are identical. It does not matter which is on top or bottom.
- f. Fold one flap (14) over Becket Lace. (See Figure 0004 00-7).
- g. Folds other flap (15) over first flap (14) and connect buckles (16). (See Figure 0004 00-7).

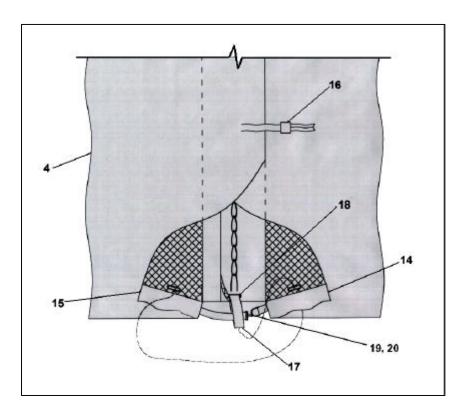


Figure 0004 00-7 Mid Section Connection

- h. Repeat procedures (a) through (g) for remaining End Sections to Mid Section connection.
- i. Pull 1-1/2 inch web pole loop (17) through grommet (18) at perimeter.
- j. Feed 1-1/2 inch web pole loop (17) through slots in outer flaps (14 and 15).
- k. The web pole loop (17) will pass through the slit in the rain/light flap located at intersection of all sections.
- Connect D-ring (19) on 3/4 inch strap at the eave to adjoining section's snap hook (20). (See Figure 0004 00-8).



Make sure D-ring strap is **below** 1-1/2 inch web pole loop.

0004 00

m. With one person at each corner of the tent, fabric should be stretched tight to remove slack.

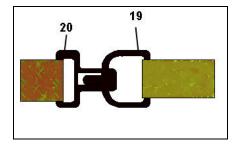


Figure 0004 00-8 Snap Hook Connection

#### **SETUP POLE SYSTEM**

### NOTE

Split the four personnel into two person teams. Each team should perform steps (a) through (h) on opposite ends of the tent.

- a. Locate Side Poles (1).
- b. Make sure each Side Pole (1) has two guy ropes (4) attached to cap assembly (5).
- c. Place one Side Pole (1) at each corner of tent (2), and at each 1-1/2 inch web loop along the side eave. Place cap assembly spindle (6) through 1-1/2 inch web loop (3) at eave.

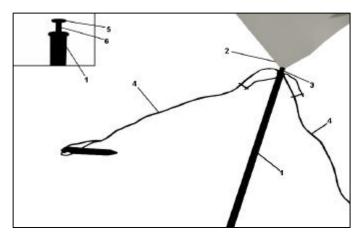


Figure 0004 00-9 Tent Pole Attached to Tent Fabric

0004 00

d. Find two End Poles (7). Adjust them to maximum height by pulling pin (8) out at bottom of pole. Push pin (8) back in when holes are aligned. Place cap assembly spindle (9) through 1-1/2 inch web loop at middle of each tent End Section's roof edge. Place flat side of End Pole towards tent so that guyropes slide freely through ring at top. (See Figure 0004 00-10).

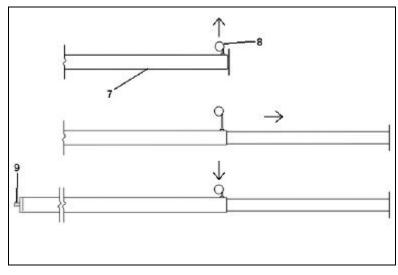


Figure 0004 00-10 Extending End Pole

- e. Corner Poles should be aligned with fabric seam (10) in end section roof. Stakes may then be placed 6 feet out along pole and 1 foot on either side of pole. (See Figure 0004 00-11).
- f. Follow staking diagram below in Figure 0004 00-11. Drive in 36-inch Wood Stakes at all points indicated on diagram.
- g. It is important to have a stake at each of the marked points.

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### MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS)

0004 00

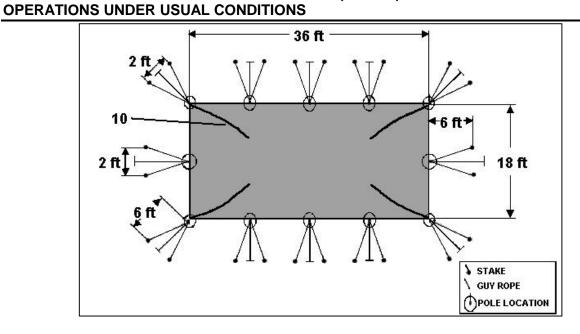


Figure 0004 00-11 Stake Diagram



Align corner poles with fabric seam.

- h. Drive stakes six feet out from tent edge and angle stake slightly away from tent.
- Wood stakes should be driven in until only six inches extend above the ground. (See Figure 0004 00-12).

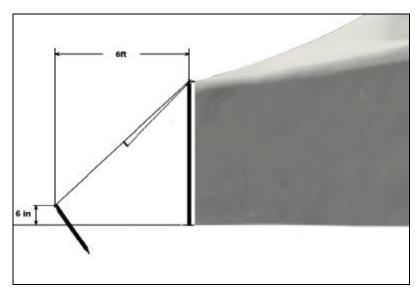


Figure 0004 00-12 Staked MGPTS

0004 00

j. Place guy ropes (4) over wood stakes (5), making sure that ropes are not twisted. Loosen rope adjustment to leave plenty of slack. This will make it easier to stand poles up. Connect guy ropes at all pole locations. (See Figure 0004 00-13).

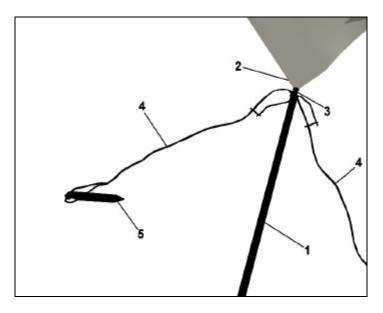


Figure 0004 00-13 Tent Poles

k. Two persons are required. Start at one corner. One person lifts corner roof fabric (2) while the second person grasps pole (1) and rotates bottom of pole under roof fabric (2) and stands pole up so that bottom of pole is angled in toward center of tent. Snug guy ropes (4), by sliding tensioner (6), to keep poles from falling. (See Figure 0004 00-14)

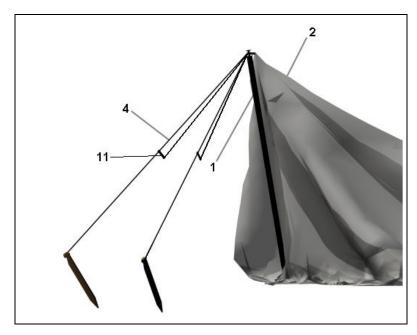


Figure 0004 00-14 Tent Pole Attached to Tent Fabric

0004 00

I. Repeat step (k) for other three corners.

#### NOTE

Guy ropes must be snug, to keep poles from falling.

- m. Two persons are required. Stand Side Poles up along each side of the tent. One person lifts roof fabric (2). Other person grasps pole (1), rotates bottom of pole under roof fabric (2) and stands pole up so that bottom of pole is angled slightly in towards center of tent. Snug guy ropes (4) to keep poles from falling. (See Figure 0004 00-14).
- n. Repeat step (m) for all Side Poles.
- o. Two persons are required. Stand End Poles up along each end of the tent. One person lifts roof fabric (2). Other person grasps pole (1), rotates bottom of pole under roof fabric (2) and stands pole up so that bottom of pole is angled slightly in towards center of tent. Snug guy ropes (4) to keep poles from falling. (See Figure 0004 00-14).
- p. Repeat step (o) for all end Poles. Make sure that flat side of End Pole is toward tent, so that guy ropes slide freely.

#### **RAISING TENT**

a. Roll up one 9-foot long Sidewall of tent. Use tie straps at eave to secure the rolled up section.



Use care to ensure fingers, or other parts are not caught in center pole hinge point.



If lights are authorized, install light assemblies before raising center poles. (See pg. 004 00-15).

b. Locate Center Poles (1). Identify the peak fittings (2) (see Figure 0004 00-16) which are metal tubes attached to flat metal plates located on the inside of the roof fabric. Using three people carry each Center Pole into tent through the sidewall opening. **Do not open Y-Arms while carrying Center Pole.** Position Center Poles (1) on ground. Unfold arms and position poles under the tent (see Figure 0004 00-15). Tops of Y-Arms should be located under peak fittings (2) on bottom side of tent. (See Figure 0004 00-15).

0004 00

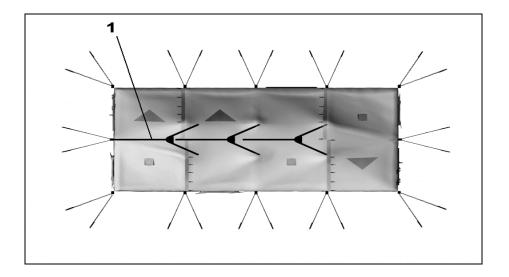


Figure 0004 00-15 MGPTS with Center-Poles

- c. Start with Center Pole at either end. With one person holding each Y-Arm (3) and the third person grasping the pole body, place peak fittings (2) all the way into ends of Y-Arms (3). (See Figure 0004 00-16).
- d. Once both peak fittings (2) are inserted into Y-Arms (3) (see Figure 0004 00-16), lift Center Pole (1) (see Figure 0004 00-15) to a vertical position.
- e. Repeat steps (c) and (d) for two remaining Center Poles (1). (See Figure 0004 00-15).
- f. From one end view Center Poles and make sure they are alligned.

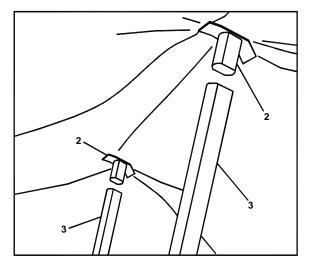


Figure 0004 00-16 Y-Pole Arm and Peak Fitting

## MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) OPERATIONS UNDER USUAL CONDITIONS

0004 00

#### **TENSIONING TENT**

- a. Tensioning tent. Corners should be tensioned first. Tension one corner at a time.
  - (1) Start at a corner. The first person should position himself between stakes (1) and pole (2). He should grasp pole (2) at top, below cap assembly with both hands. This person rocks back towards stake (1) keeping base of pole in place. Second person tightens guy ropes, by sliding tensioner (3) down guy rope (4). Both people grasp Side Pole and straighten Side Pole (2) to vertical position. (See Figure 0004 00-17).

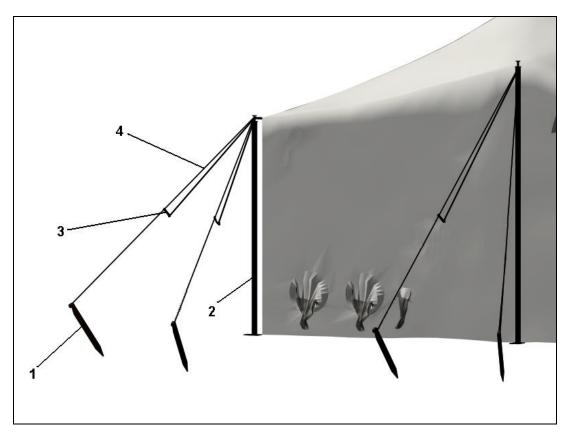


Figure 0004 00-17 Tent Pole Attached to Tent

- (2) Repeat procedure on other three corners.
- (3) Repeat this procedure on Side Poles.
- (4) Repeat this procedure for the two End Poles until entire tent is tensioned.

## MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) OPERATIONS UNDER USUAL CONDITIONS

0004 00

### NOTE

Sidewall can be configured in three different ways:

- All walls down.
- Cloth walls rolled up with screen walls down.
- Both cloth walls and screen walls rolled up.
- b. Attach vertical Fabric Sections together with hook and loop fasteners and buckles on flaps.
- c. Staking sidewalls and poles:
  - (1) Locate the 12-inch polycarbonate stakes.
  - (2) Locate the rope loops at the base of the Side Walls.
  - (3) Rope loops at side and end pole locations, should be looped over stake tubes.
  - (4) A stake should be driven through both the rope loop and stake tube.
  - (5) After stakes have been driven at all pole locations, find the remaining rope loops.
  - (6) All remaining rope loops should be staked using the 12-inch polycarbonate stakes.

### NOTE

Do not drive 12-inch stakes all the way into the ground; leave them about two inches out. This will make it easier to remove the stakes.

- (7) Tie sidewalls to poles using straps attached to tent fabric at pole locations.
- (8) At wall intersections, stake rope loops must pass through all four layers of fabric and grommets.

## MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) OPERATIONS UNDER USUAL CONDITIONS

0004 00

#### **INSTALL LIGHT ASSEMBLIES**

Use these procedures to complete installation of the light hangers. (WP 0034 00, Item 3)

a. Inside light set case (1), locate light support strap assembly (2). (See Figure 0004 00-18).

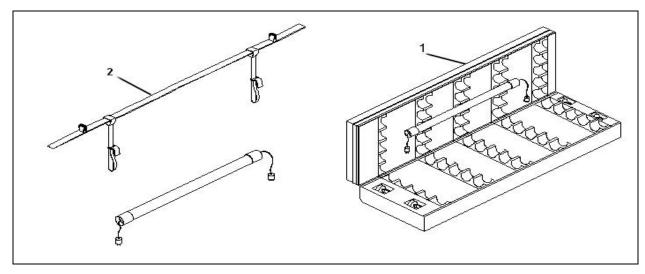


Figure 0004 00-18 Light Assemblies

- b. Inside tent, locate light hanger (5) at peak of End Section fabric. (See Figure 0004 00-19).
- c. Place one end (4) of light support strap assembly (2) through loop (6) on end of lighting hanger (5). The D-rings should now be facing the ground.
- d. Light support strap assembly (2) is then folded over itself so that D-rings (7) and (8) face the tent roof. (See Figure 0004 00-19).
- e. Pull the end (4) of light support strap assembly (2) through both D-rings (7) and (8) on assembly. Loop end (4) of assembly around the second D-ring (7) and through the first D-ring (8) to secure.
- f. Locate light hanger attached on inside of fabric near socket for Center Pole.
- g. Secure other end of light support strap assembly (2) to light hanger and secure in similar manner.
- h. Repeat procedure (b) through (g) for light strap assembly between the Mid and End Section.

## MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) OPERATIONS UNDER USUAL CONDITIONS

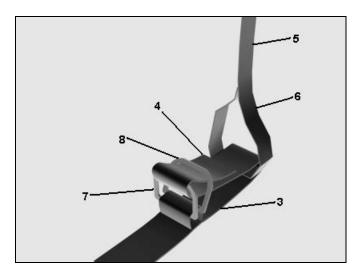


Figure 0004 00-19 Light Hanger Attachment

i. Install lights.



Two persons are required to lift light set case to avoid injury to personnel.



To prevent damage, leave luminaires in case until ready to install. Make sure male plug end is toward external power source.

- (1) Wrap strap loops around each end of light on inside of rubber end caps.
- (2) Pull strap up through D-ring and press down to engage hook and loop fasteners.
- (3) Mate plug properly to next light, ensuring reflecting surface faces up and lamp faces down.
- (4) Repeat step (1) through (3) for additional lights.

### MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) OPERATIONS UNDER USUAL CONDITIONS

0004 00

### CAUTION

Do not connect more than 12 lights together. Damage to electrical circuit may result.

(5) Connect lights.

#### **INSTALL VESTIBULE**

When authorized, vestibule may be used as a passageway or blackout entryway. It may be connected to an End or Mid Section doorway. Erect the vestibule as follows for all configurations.

- a. Unroll vestibule adapter on tent door.
- b. Locate and lay out guy ropes from vestibule.
- c. Identify and spread out vestibule fabric.
- d. Locate, lay out and assemble vestibule arch sections.
- e. Identify ridge spindle grommet at one end of vestibule and vestibule adapter.
- f. Align vestibule spindle grommets with vestibule adapter spindle grommet.
- g. Insert vestibule arch spindles in vestibule adapter and vestibule spindle grommets. Secure ridge grommets with hitch clip pins.

### CAUTION

Position hitch clip pins towards inside of vestibule at vestibule doorframe. Vestibule door fabric may tear if positioned towards outside.

- h. Use hook and pile to attach the vestibule fabric to the adapter starting at the ridge and working towards each eave. Secure adapter and vestibule using the tie tapes at all frame locations.
- i. Install vestibule door and secure with ridge hitch clip pins.
- j. Extend arch and fabric.
- k. Install two guy ropes under hitch clip pins on eave spindles of last vestibule arch.

## MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) OPERATIONS UNDER USUAL CONDITIONS

0004 00

- I. Place 24-inch wooden stakes about 6 feet out, facing towards vestibule door.
- m. Tie guy ropes to stakes and tighten.
- n. Secure vestibule fabric to vestibule arch with tie tapes.
- o. Install a 12-inch stake in base plates of end vestibule arch.
- p. Repeat procedures (a) through (p) for the remaining vestibules.

End of Work Package

## MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) OPERATING INSTRUCTIONS

0005 00

#### **OPERATE DOORS**

Use following procedures to operate door on MGPTS:

- a. Door is opened and closed using hook and loop fasteners. The inner door can be rolled up and secured with straps at the top.
- b. Outside the tent there is a sliding door. The sliding door can be secured in the open position with attached straps, and secured in the closed position with buckles.

#### **OPERATE WINDOWS**

Use following procedures to operate tent windows. Windows can be opened for ventilation or closed due to inclement weather. Windows have three panels.

- a. The fabric cover and clear windows are closed by hook and pile fasteners.
- b. The fabric cover and clear window can each be held open with tie tapes.
- c. Each layer must be rolled up towards the inside to prevent rain from being trapped within the folds.
- d. To fully close the fabric cover, the clear window must first be unrolled and secured.

#### **ROOF VENTS**



Do not use any type of non-vented heaters. The use of non-vented heaters will cause the accumulation of carbon monoxide gas. Carbon monoxide gas is not visible and it has no smell. If symptoms of headache, dizziness, fatigue, nausea, or irregular breathing occur, move affected personnel to fresh air. Failure to comply with this warning may result in personal injury or death.

### MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) OPERATING INSTRUCTIONS

0005 00



All fuel-burning heaters consume oxygen. Adequate ventilation must be maintained at all times. Keep roof vents clear of snow, ice, or debris. Open doors, windows, flaps, hook and loop fastener wall closures as needed to introduce sufficient fresh air to replace oxygen consumed by heaters. If symptoms of headache, dizziness, fatigue, nausea, or irregular breathing occur, move affected personnel to fresh air. Failure to comply with this warning may result in personal injury or death.



Roof vent is made from foam and is always open, no operation is required.

#### **OPERATE FABRIC WALLS**

Outside walls can be rolled up and tied off for ventilation if needed.

#### **OPERATE STOVEPIPE OPENINGS**

The stovepipe vent is opened and closed by pulling the cord (1) attached to the vent cover (2). To open, pull the cord (1) to the opposite side of the tent. To close, pull cord to the near side. The vent cover will secure itself when it is closed.

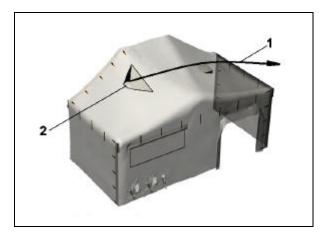


Figure 0005 00-01 Opening Stove Pipe Vent

End of Work Package

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#### **REMOVE VESTIBULE**

Use following procedures to remove the vestibule:

- a. Remove the 12-inch pins in base plates of end vestibule arch.
- b. Loosen guy lines to stakes.
- c. Remove 24-inch wooden stakes.
- d. On last vestibule arch remove two guy ropes on eave spindles.
- e. On tent door, untie Becket Lace from ridge to eave, unseal weather flap, remove the remaining hitch clip pins and complete becket unlacing.
- f. Remove vestibule door and unsecure ridge clip pins.
- g. Remove vestibule arch spindles from grommets.
- h. Remove vestibule arch and fabric from adapter.
- i. Repeat procedures (a) through (h) for remaining vestibule(s).

#### **REMOVE LIGHT ASSEMBLIES**

Use the following procedures to remove the light support strap assemblies.



Disconnect power source to avoid injury to personnel during removal of light assemblies.

- a. Locate light case.
  - (1) Turn off light and disconnect from power source.
  - (2) Pull light support strap down through D-ring and and disengage hook and loop fasteners.
  - (3) Unwrap light support strap around each end of light.
  - (4) Place light in light case.
  - (5) Repeat steps (1) through (4) for removal of additional lights.

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- (6) Remove light support strap assembly.
- (7) Place light support strap assembly in light case.

#### STRIKING TENT

Use following procedures to strike the tent:

- a. Make sure fabric is dry before disassembly.
- b. Loosen Guy Ropes to reduce tension on fabric. Do not remove Guy Ropes.
- c. Remove Center Poles.
  - (1) Go inside of tent, using three persons, remove Center Poles from Peak Fittings one at a time.
  - (2) Position Center Pole on ground then fold arms down.



While folding down Center Pole arms caution must be used to avoid pinching fingers.

- (3) Move Center Poles to outside of tent for placement in pole bag.
- d. Unfasten buckles.
  - (1) Unfasten buckles on sidewalls. Open outer and inner flap.
  - (2) Detach hook and loop fasteners at sidewall connections.
  - (3) Repeat this procedure until all of side and corner wall connections are detached.
- e. Drop poles.
  - (1) Loosen guy ropes for poles.
  - (2) Lower poles to the ground in the following order: Side, End and Corner Poles.
  - (3) Remove poles from 1-1/2 inch web loop.
  - (4) Move poles to location for placement in pole bags.

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- f. Separate Fabric Sections.
  - (1) Lift flap and remove 1 1/2-inch web loop at the becket lace between each End and Mid Section.
  - (2) Unhook D-ring and undo snap hook at eave joint sections.
  - (3) Unhook buckles on roof and unfold flaps.
  - (4) Unlace Becket Lace.
  - (5) Remove Becket Lace from grommets.
  - (6) Unhook snap hook at the middle edge of the End and Mid Section.
  - (7) Repeat (1) through (6) for remainder of roof sections.
  - (8) Move Fabric Sections for folding and placement in transport bags.

#### **FOLD FABRIC SECTION**

The following section will demonstrate tent packing procedures for the MGPTS.

- a. The End Sections are to be folded as follows. (See Figure 0006 00-1).
  - Start with the End Fabric Section spread out flat, with the green side facing upward.
  - (2) Fold each End Section wall over the End Section roof as shown.
  - (3) Fold end wall over End Section roof.
  - (4) Fold edges of roof inward on themselves, so that both meet at the center of the End Section roof.
  - (5) Fold fabric in half, so that the entire width of the folded section is less than 5 feet.
  - (6) Roll fabric as illustrated.

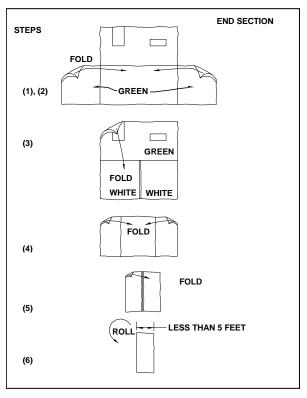


Figure 0006 00-1

- c. The Mid sections (if used) are to be folded as follows. (See Figure 0006 00-2).
  - (1) Start with the Mid Section spread out with the green side up, as shown below.
  - (2) Fold Mid Section walls over Mid Section roof so that the two outer edges of the fabric meet at the middle of the roof. Fold walls with the windows and door onto roof cloth, up to the perimeter edge, where wall meets roof cloth.
  - (3) Fold the Mid Section fabric in on itself as illustrated, so that the edges meet at the middle of the roof.
  - (4) Fold the edges of the Mid Section one final time, so that the width of the folded section is less than five feet.
  - (5) Roll fabric as illustrated.

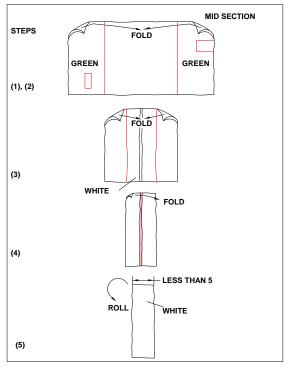


Figure 0006 00-2

- d. Ensure that all elements of the MGPTS are inspected as specified in the Preventive Maintenance Checks and Services (PMCS), WP 0018 00.
- e. Check all poles to ensure they are folded and locked in their original shipped condition.
  - (1) End poles should be retracted and locked at their original 7-foot height.
  - (2) Side and End Poles should have guy ropes and all original equipment attached as specified in the RPSTL WP 0021 00.
  - (3) Center poles should have the y-arms folded down to their original shipped condition.
- f. Place tent contents in properly labeled bags.
  - (1) The folded End Section fabric should be packed in the bag labeled "End Fabric Module."
  - (2) The bag labeled "End Poles," should have the following contents stored in it:
    - 1 Center Pole Assembly
    - 2 End Pole Assemblies
    - 6 Side Pole Assemblies
    - 16 36-inch wood stakes
    - 24 12-inch polycarbonate stakes

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- (3) The folded Mid Section Fabric should be packed in the bag labeled "Mid Fabric Module."
- (4) The bag labeled "Mid Poles," should have the following contents stored in it:
  - 2 Center Poles Assemblies
  - 4 Side Pole Assemblies
  - 8 36-inch wood stakes
  - 12 12-inch polycarbonate stakes
- g. Ensure that transport bags are in one location and ready for shipment or storage.
- h. Storage of the MGPTS should be short, if not maintained. Items should be mission readied for deployment within 24 hours. While in storage, maintenance records should be kept.

### NOTE

Before placing the MGPTS in long term storage, all problems should be fixed. All Modification Work Orders (MWO's) should be incorporated.

i. Storage Site Selection. Inside storage is preferred for items selected for long term storage. If inside storage is not available; trucks, vans, and other containers may be used.

### **IDENTIFICATION LABELS**

- a. Transport bags are labeled on outside of bag.
- b. Labels show contents, loaded weight, and personnel lift requirements.

End of Work Package

## MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) OPERATION UNDER UNUSUAL CONDITIONS

0007 00

#### **GENERAL**

While it is not possible to prepare for all of the unusual conditions to which the MGPTS will be exposed, the following information should be helpful during unusual climatic conditions.

a. Operation in high winds



All guy ropes must be staked down. Failure to properly stake and tie down tent may result in injury to personnel and damage to equipment.

- (1) Replace wooden stakes with ground anchor kit. (WP 0034, Item 2). If ground anchor kit is not available use 36-inch wood stakes. (WP 0034, Item 11).
- (2) Close and fasten all windows, doors and pass-throughs.
- (3) Check all tent stakes and tighten guy ropes.
- (4) Secure base of tent, by placing sandbags or snow on mudskirts, position outside of tent.
- b. Wet climate
  - (1) If heavy rain is expected, or MGPTS is going to be set up for a long period of time dig a perimeter trench around outside.
  - (2) Dry all MGPTS components before packing.



Small amounts of moisture may accumulate in the upper corners of the MGPTS when rain rate is 4 inches per hour and 65-mph winds are present. Moisture accumulation will be small to unmeasurable. Users are advised that the MGPTS may not offer a completely sealed environment for some extreme conditions.

## MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) OPERATION UNDER UNUSUAL CONDITIONS

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c. Soft Soil

### CAUTION

If the soil is soft additional stakes are required. Failure to properly stake in soft soil may result in injury to personnel and damage to equipment

- (1) Install an additional wood stake (1) (WP 0034 00, Item 11) at each guy rope location six inches from the original stake (2). See Figure 0007 00-01.
- (2) Connect the guy rope (3) to a third wood stake (4), which should be placed horizontally behind the two stakes (1) and (2).
- (3) If necessary add a fourth stake (5) at each guy rope location.

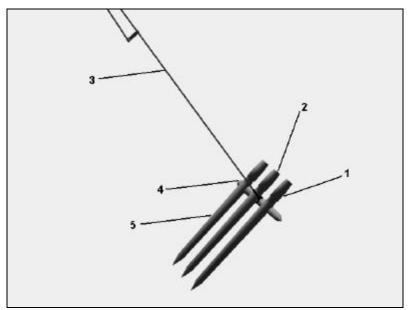


Figure 0007-00 01

- d. Operation in Snow/Extreme Cold
  - (1) Inspect all roof vents for snow and ice accumulations. If accumulations exist, clear all snow and ice from roof vent.
  - (2) Gently push up on roof from inside the MGPTS to remove snow that may have piled up.
  - (3) Before erecting the MGPTS in snow, gently tamp snow down to provide a firm surface on which to set up.

## MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) OPERATION UNDER UNUSUAL CONDITIONS

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(4) When erecting the MGPTS in severe cold, use care in handling and unfolding fabric components. Rough handling can cause component damage.



Do not use non-vented type heaters. The use of non-vented heaters will cause the accumulation of Carbon monoxide gas. Carbon monoxide gas is not visible and it has no smell. If symptoms of headache, dizziness, fatigue, nausea, or irregular breathing occur, move affected personnel to fresh air. Failure to comply with this warning may result in personal injury or death.



All fuel-burning heaters consume oxygen. Adequate ventilation must be maintained at all times. Keep roof vents clear of snow, ice or debris. Open doors, windows, flaps, and hook and loop fastener wall closures as needed to introduce sufficient fresh air to replace oxygen consumed by heaters. If symptoms of headache, dizziness, fatigue, nausea, or irregular breathing occur, move affected personnel to fresh air. Failure to comply with this warning may result in personal injury or death.



Stay alert to weather conditions and adjust all guy ropes at tent slips as required, before snow, ice, or water weight damages tent or injures personnel.

#### e. Extreme Heat

- (1) Roll up End walls and window/roof section fabric to provide maximum ventilation.
- (2) Open weather flaps on both sides of the tent sections.
- (3) Untie and disconnect hook and loop fastener connection as high as eave.

## MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) OPERATION UNDER UNUSUAL CONDITIONS

0007 00

- (4) Open the entranceway door and tie back.
- (5) Fold and roll fabric underneath itself and towards top. Tie with tie tape.
- f. Nuclear, Biological, and Chemical (NBC) decontamination
  - (1) If Chemical or Biological contamination is expected, close all MGPTS openings such as windows, doors, stove pipe openings and pass-throughs.

### NOTE

Perform unit level decontamination of the MGPTS only under supervision of unit NBC personnel.

- (2) If MGPTS is set up, decontaminate the fabric around the entranceway area of nuclear, chemical or biological contamination by applying STB slurry or brushing with hot soapy water.
- (3) Prepare slurry by mixing approximately equal parts of water with STB. Scrub slurry into fabric.
- (4) Remove slurry promptly with brushes (Work package 0035 00-2, Table 0035 00-1, Item 2) and liberal quantities of hot water and soap (Work package 0035 00-2, Table 0035 00-1, Item 1) then rinse with clear water.

### NOTE

STB slurry may leave a harmless, white chalky residue. This is not a cause for concern.

(5) Decontaminate the remaining sections of the MGPTS by natural methods. Expose the erected tent to the effects of weather and aeration for approximately 2-3 days.

### CAUTION

Heavy concentration of DS2 is harmful to the MGPTS fabric. A fine spray mist is recommended. Do not scrub with mop or broom.

### NOTE

DS2 will cause some change in fabric color.

TM 10-8340-240-12&P			
MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) OPERATION UNDER UNUSUAL CONDITIONS	0007 00		
(6) Aeration is not effective against V-agents. If contaminated by V-agent emust be decontaminated with DS2 slurry.	entire MGPTS		
End of Work Package			
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0007 00-5/BLANK			

TM 10-8340-240-12&P
OUADTED 2
CHAPTER 3 OPERATOR MAINTENANCE

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0008 00-1/BLANK

TM 10-8340-240-12&P	
MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) TENT MAINTENANCE	00 8000
GENERAL	
The preventative maintenance required to keep the MGPTS functional should inclinspection of the structure (refer to WP 0018 00). After severe weather is a good to Make sure that all guy ropes are properly tensioned. Make sure that all wooden are stakes are properly secured (refer to WP 0007 00). A walk around inspection should be close look at becket lacing panels, and security of flaps and feed through	time to do so. nd plastic tent uld also
End of Work Package	
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TM 10-8340-240-12&P  MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) 0009 00
MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) 0009 00 STRUCTURAL INTEGRITY
DAMAGED ASSEMBLIES
Damaged assemblies should be replaced when further structural damage or injury to personnel is possible. (Refer to WP 0021 00 and WP 0011 00 through WP 0019 00).
End of Work Package
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TM 10-8340-240-12&P
MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) 0010 00 MAINTENANCE PROCEDURES
REPAIR
Torn fabric will be mended by using tentage repair kit listed in WP 0034 00, item 1, for the MGPTS. This procedure is described in more detail in WP 0014 00.
Wor To. This procedure is described in more detail in WT 0014 00.
End of Work Package
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TM 10-8340-240-12&P
CHAPTER 4
UNIT MAINTENANCE INSTRUCTIONS

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TM 1	ი-გვ	40-2	240- <sup>-</sup>	12&P

## MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) CLEANING

0011 00

### **CLEANING**

Proper cleaning of the MGPTS components is an integral part of maintenance. It can help prevent possible problems in the future, so make it a habit to clean all MGPTS components whenever necessary. The fabric sections must be dry before being folded and stored. Clean all MGPTS fabric components with a brush and mild soapy water (Refer to WP 0035 00, Item 2), and then let fabric dry.

End of Work Package

## MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) SERVICE UPON RECEIPT

0012 00

#### **UNPACKING**

The Unit Maintenance technician must inspect equipment before it is used. The technician will make the following checks when equipment is unpacked:

- a. Inspect equipment for damage incurred during shipment. If equipment has been damaged in shipment, report damage on SF 364 (Report of Discrepancy).
- b. Check equipment against packing list to see if shipment is complete.
- c. Report all discrepancies in accordance with DA Pam 738-750.
- d. Check to see whether equipment has been modified.
- e. Service damaged equipment as necessary, using Unit Maintenance procedures in WP 0013 00 to restore equipment to operable condition.

End of Work Package

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) MAINTENANCE INSTRUCTIONS

0013 00

#### **GENERAL**

- a. This section contains unit maintenance applicable to the MGPTS as authorized by the Maintenance Allocation Chart (MAC) in WP 0020 00 of this manual. Unit Maintenance personnel may also perform all functions allocated to Operator Maintenance Level. The following topics are included as applicable: inspect, service, and repair.
- b. One person can perform all maintenance procedures in this section unless otherwise indicated in initial setup. Read all warnings, cautions, notes and instructions carefully before attempting procedures. Read and understand all warnings at front of this manual.
- c. Fabric Repair and Stitching. Unit Maintenance repairs to tent fabric assemblies will be limited to capabilities of Tentage Repair Kit (WP 0034 00, Item 1). Repair punctures up to 1/8" (3.2mm) in diameter using procedures in WP 0014 00. For rips, tears and holes not larger than 4 inches in diameter, refer to WP 0014 00. Refer to WP 0015 00 for hand stitching instructions. Whenever possible, repairs to fabric-requiring stitching should be accomplished by sewing machine at the Unit Support Maintenance Level. Consult FM 10-16 for more guidance on repairing fabric.

End of Work Package

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) REPAIR OF HOLES AND TEARS IN FABRIC ASSEMBLES.

0014 00

### THIS SECTION COVERS:

Repair

#### **INITIAL SETUP**

Fabric Assembly, End Wall and Mid Module Assembly, Unpacked

Maintenance Level Materials/Parts:

Unit Fabric (WP 0030 00)

Tools:

Tentage Repair Kit (WP 0034 00, Item 1)

### **Equipment Conditions:**

Although fabric assemblies can be repaired during operational use of MGPTS when necessary, it is recommended that fabric be repaired when MGPTS is not in use. Fabric assemblies should be clean and dry.

- a. (See Figure 0014 00-1). Obtain a clean, round patch (1) from bulk material that is at least 1 inch larger than the damaged fabric area (2) in all directions.
- b. Place the damaged fabric area (2) on a flat surface, or place a piece of softwood under the damaged fabric area (2).
- c. Center patch (1) over damaged fabric area (2). Draw a circle on fabric (2) around patch (1), then remove patch (1).
- d. Clean damaged fabric area (2) inside circle.

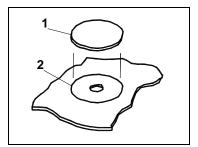


Figure 0014 00-1



The adhesive has a high alcohol content and is highly flammable. Use only in well ventilated areas away from open flame. Do not smoke. In case of dizziness, leave area immediately and allow to ventilate. Failure to observe this warning may result in injury or death.

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) REPAIR OF HOLES AND TEARS IN FABRIC ASSEMBLES.

- e. (See Figure 0014 00-2). Place patch (1) face-down over circle. Coat patch evenly with adhesive (3), allowing adhesive to overlap onto fabric to form an adhesive circle. Remove patch (1) and set aside with adhesive side up.
- f. Coat damaged fabric (2) with adhesive (3) inside circle. Allow adhesive (3) on patch and adhesive circle to dry.
- g. Apply a second coat of adhesive (3) to patch and inside adhesive circle.
- h. Wait ten to fifteen minutes for adhesive (3) to become tacky to touch.
- (See Figure 0014 00-3). Center patch (1) over circle, adhesive side down, and press the two sticky surface together.
- Using hand roller (4), press excess adhesive
   (3) and air bubbles from under patch.
   Roll first in one direction, then in opposite direction.
- k. (See Figure 0014 00-4). Using tongue depressor (5), apply a small amount of adhesive (3) to edge of patch (1). Run tongue depressor (5) around patch (1) to seal and prevent fraying.
- I. Allow adhesive (3) to dry.

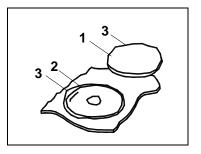


Figure 0014 00-2

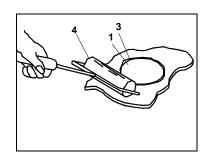


Figure 0014 00-3

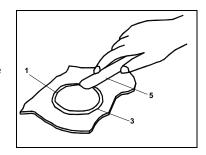


Figure 0014 00-4

End of Work Package

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) HAND STITCHING REPAIR IN FABRIC ASSEMBLIES

0015 00

### THIS SECTION COVERS:

Repair

### **INITIAL SETUP:**

Fabric Assembly, End Wall and Mid Module Assembly, Unpacked

#### **Maintenance Level:**

Unit

### Tools:

Size FF Needle,

II Class, Sailmaker No. 14 FM 10-16 Field Manual.

Tentage Repair Kit (WP 0034 00, Item 1)

### Materials/Parts:

Thread, Polyester Type I or Bees Wax

### **Equipment Conditions:**

Although the fabric assemblies can be repaired during operational use of the MGPTS when necessary, it is recommended that the fabric be repaired when the MGPTS is not in use (refer to WP 0006 00 for striking instructions). The fabric assemblies should be clean and dry.

a. Preparing Needle and Thread.

# NOTE

If you use two-strand thread you will need twice as much; if you use four-strand, you will need four times as much.

- (1) Estimate amount of thread required to complete stitching and cut thread to length.
- (2) (See Figure 0015 00-1). Wax thread (1) by pressing between thumb and beeswax (2) and drawing entire length over beeswax (2).
- (3) (See Figure 0015 00-2). Thread sailmaker's needle (3) with waxed thread to form a single, two, or four-strand thread as follows:
  - (a) One end and push the loop through the eye of the needle.
  - (b) Two-Strand. To make a double strand thread, pull the thread through the needle until the needle is at the midpoint of the single thread strand.
  - (c) Four-Strand. To form four-strand thread, bend a length of thread in half and insert the loop end into the eye of the needle, pulling it through so that the eye is at the midpoint of the double strand of thread.

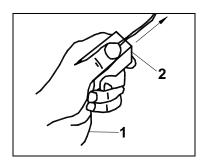


Figure 0015 00-1

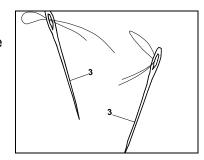


Figure 0015 00-2

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) HAND STITCHING REPAIR IN FABRIC ASSEMBLIES

0015 00

- (4) Twist the strand together and rewax the entire length of thread.
- (5) Tie knot at far end of the single, two, or four-strand thread.

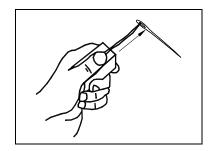


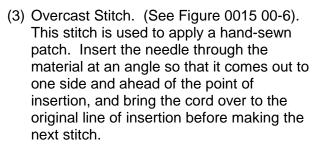
Figure 0015 00-3

- b. Handstitches. There are five common hand stitches used to mend fabric in different situations. Choose the one that most closely resembles the repair you are making.
  - (1) Flat Stitch. (See Figure 0015 00-4). This stitch is used as a temporary fastening until machine repairs can be made. Pass the needle over and under an equal amount of material, each successive entering the material from the opposite side.



Figure 0015 00-4

(2) Round Stitch. (See Figure 0015 00-5). This stitch is used to handwork grommets. Insert the materials at right angles to the edge of materials and bring around edge before making the next stitch.



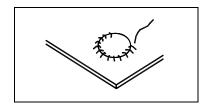


Figure 0015 00-5

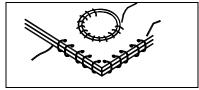


Figure 0015 00-6

(4) Backstitch. (See Figure 0015 00-7). This Stitch is used to secure an open seam. It is so named because the needle is always set back one half of a stitch length into the last stitch made. Make two small stitches in the same place to secure the cord ends. Continue by inserting the needle into the middle of the preceding stitch and bringing it out on the same side of the material one stitch length in advance of preceding stitch.

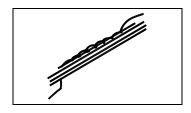


Figure 0015 00-7

(5) Fishbone Stitch. (See Figure 0015 00-8). This stitch is used to join edges of a tear unit; a patch can be applied. Insert needle between two edges of material to be sewn together. Take a diagonal stitch from one side toward the other, bringing the needle out between the two edges. Repeat this operation on the opposite side, and continue alternating stitches from side to side. To keep the stitches uniform, hold the edges smoothly together. Make stitches firmly, but do not pull them tight enough to pucker the fabric.

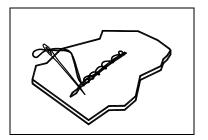


Figure 0015 00-8

End of Work Package

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) GROMMET MAINTENANCE INSTRUCTION

0016 00

This Task Covers:

Removal and Replacement.

**INITIAL SETUP** 

Maintenance Level:

Unit

Tools:

Repair kit, Tentage (WP 0034 00, Item 1) Cutting Punch, Rawhide Mallet Set-Punch and Die Materials/Parts:

Lumber, softwood (WP 0023 00, Item 3) Grommet No. 4 or 5 (WP 0030 00)

**Equipment Condition:** 

MGPTS removed from service (refer to WP 0006 00).

a. If still attached, cut the damaged grommet from fabric.

NOTE

If fabric repair is required, refer to WP 001400 and 0015 00 for repair and stitching instructions.

A die-inserted grommet consists of two brass parts. The male half, called a barrel, is smooth. The female half, called a washer, has spurs that grip the fabric.

- b. Insert a grommet.
  - (1) Position fabric face up on end grain surface of softwood lumber. (See Figure 0016 00-1).
  - (2) Using a size 5 cutting punch for a size 4 grommet (or a size 6 cutting punch for a size 5 grommet) and a rawhide mallet, cut a grommet hole in patch by hitting top of cutting punch with rawhide mallet.

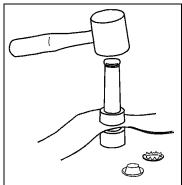


Figure 0016 00-1

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) GROMMET MAINTENANCE INSTRUCTION

0016 00

- (3) Insert grommet barrel into hole of fabric from the underside. (See Figure 0016 00-2).
- (4) Place fabric and bottom (flat) part of grommet barrel on grommet die.
- (5) Place the grommet washer, spurs down, over grommet barrel.
- (6) Insert setting punch into grommet barrel and hold in place.
- (7) Hit top of setting punch with rawhide mallet hard enough to clinch the parts to fabric without damaging grommet or fabric.

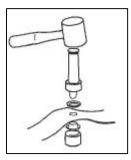


Figure 0016 00-2

## NOTE

When parts are clinched properly, the edge of the grommet barrel has a smooth roll.

	TM 10-8340-240-12&P	
MODULAR GENERAL P END POLES	URPOSE TENT SYSTEM (MGPTS)	0017 00
This task covers: Remove, Replace		
NITIAL SETUP		
Tools:	<b>Materials/Parts:</b> Lower End Pole Weldm End Pole Upper Assy, F Split Ring	
<b>Equipment Condition:</b> Pole removed from service	e (WP 0006 00)	
a. Replace End Pol		
(2) Install	damaged End Pole assembly drilling out from	
	rviceable spindle assembly. Slide spindle as and align rivet holes. ts.	sembly into pole
	End of Work Package	
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# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) PREVENTIVE MAINTENANCE CHECK AND SERVICES (PMCS)

0018 00

#### INTRODUCTION

Preventive Maintenance Checks and Services (PMCS) are performed to keep the MGPTS in good operating condition. The checks are used to find, correct, or report problems. Unit personnel are to do the PMCS jobs as shown in the PMCS tables. PMCS are done every day the MGPTS is operated, using the PMCS table.

"During" refers to PMCS inspection intervals, while using the MGPTS.

"After" refers to PMCS inspection intervals, after using the MGPTS.

If you find something wrong when performing PMCS, fix it using maintenance procedures (WP 0013 00 through WP 0018 00).

The right-hand column of the PMCS table lists conditions that make the MGPTS not fully mission capable. Write up the faults not fixed on DA Form 2404 for unit support maintenance. For further information on how to use this form, see DA 738-750.

If tools required to perform PMCS are not listed in procedure, notify your supervisor.

### **INSPECTION**

Look for signs of trouble. Using your senses helps here. You can feel, smell, hear, or see many problems that can be eliminated before they get worse. Inspect to see if items are in good condition. Are components correctly installed and secured? Is any damage to the fabric or frame components visible? Correct any faults or notify unit support maintenance.

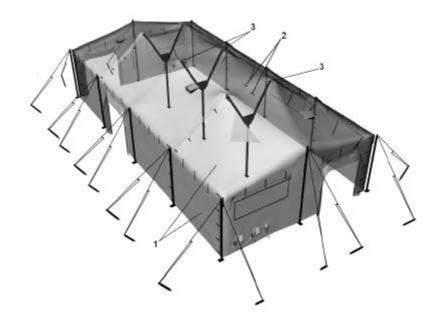
There are some common items to check on the MGPTS. These include the following:

- Fabric sections, including windows, and personnel doors.
- Pole sections, including attached hardware and pike fittings.
- Lights, including power cords.
- Transport Covers and Bags

Be sure to observe all special information and notes that appear in your table.

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) PREVENTIVE MAINTENANCE CHECK AND SERVICES (PMCS)

0018 00

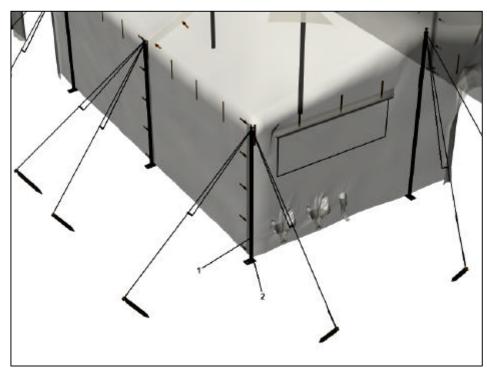


## Table 0018 00-1 FABRIC SECTIONS

				7
Item	Interval	Location Item	Procedure	Not Fully Mission Capable If:
No.		to		
		Check/ Service		
		Fud Cootions		
		End Sections		
		Mid Section		
1	During	Roof and	Inspect roof fabric and	Roof or wall fabric has
	After	Wall	Wall fabric (1) for punctures,	punctures, holes, or tears.
			Holes, and tears.	, ,
2	During	Buckles	Ensure all quick disconnect	Quick disconnect fasteners are
	•	Duckies	•	
	After		Fasteners (2) are present	missing or not serviceable.
			and serviceable.	
3	During	Center Pole	Ensure all peak fittings (3)	Peak fittings missing.
	After		are present	

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) PREVENTIVE MAINTENANCE CHECK AND SERVICES (PMCS)

0018 00

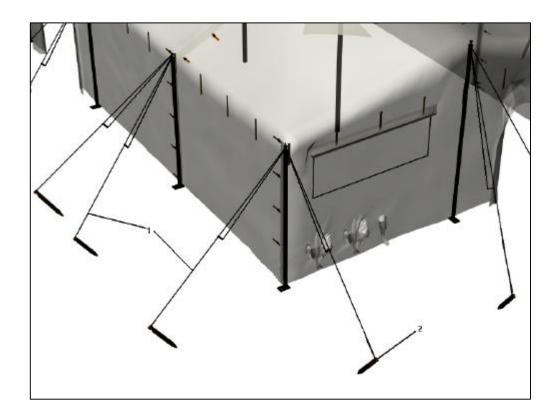


## Table 0018 00-2. POLE ASSEMBLIES

	Table 0018 00-2. FOLE ASSEMBLIES									
Item No.	Interval	Location Item to Check/ Service	Procedure	Not Fully Mission Capable If:						
		Pole Assemblies								
1	During After	Tubing	Inspect poles (1) for bends and cracks.	Pole components have bends or cracks.						
2	During After	Base	Inspect base (2) for cracked or broken areas.	Base is cracked or broken						

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) PREVENTIVE MAINTENANCE CHECK AND SERVICES (PMCS)

0018 00



## Table 0018 00-3. GUY ROPES AND STAKES

Item No.	Interval	Location Item to Check/ Service	Procedure	Not Fully Mission Capable If:
		Guy Ropes and Stakes		
1	During	Guy Ropes	Ensure all guy ropes (1) are installed, serviceable, and snug.	Guy ropes not installed, not serviceable
2	During	Stakes	Ensure stakes (2) are firmly in ground.	Stakes are missing, or not serviceable.

End of Work Package

TM 10-8340-240-12&P
CHAPTER 5 SUPPORTING INFORMATION
SOFF OR TING INFORMATION

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# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) REFERENCES

0019 00

## **SCOPE**

This work package lists all forms, pamphlets, field manuals, technical manuals, army regulations, military specifications, and military standards referenced in the manual.

## **DA PAMPHLETS**

The Army Maintenance Management System (TAMMS)	DA PAM 738-750
FEDERAL STANDARDS	
Colors Stitches, Seams and Stitching	
FIELD MANUALS	
Decontamination Procedures First Aid for Soldiers General Fabric Repair	FM 21-11
FORMS	
Discrepancy in Shipment Report	DA Form 2404 SF 368 DA Form 2028-2 SF 364
MILITARY STANDARDS	
Palletizing Unit LoadsQuality of Wood Members for Containers and Pallets	MIL-STD-731
TECHNICAL MANUALS	
Camouflage Screen and Screen Support Systems  Destruction of Army Material to Prevent Enemy Use	TM 750-244-3 TM 740-90-1
MISCELLANEOUS	
Army Medical Department Expendable Items	

End of Work Package

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) MAINTENANCE ALLOCATION CHART (MAC)

0020 00

#### INTRODUCTION

## The Army Maintenance System MAC

This introduction provides a general explanation of all maintenance and repair functions authorized at various maintenance levels under the Standard Army maintenance System concept.

The MAC (immediately following the introduction) designates overall authority and responsibility for the performance of maintenance functions on the identified end item or component. The application of the maintenance functions to the end item or component will be consistent with the capacities and capabilities of the designated maintenance levels, which are shown on the MAC in column (4) as:

Unit - includes two sub-columns, C (operator/crew) and O (unit) maintenance.

Direct Support - includes an F sub-column.

General Support - includes an H sub-column.

Depot - includes a D sub-column.

The tools and test equipment (immediately following the MAC) list the tools and test equipment (both special tools and common tool sets) required for each maintenance function as referenced from the MAC.

The remarks (immediately following the tools and test equipment requirements) contains supplemental instructions and explanatory notes for a particular maintenance function.

### **MAINTENANCE FUNCTIONS**

Maintenance functions are limited to and defined as follows:

- a. <u>Inspect.</u> To determine the serviceability of an item by comparing its physical, mechanical and/or electrical characteristics with established standards through examination (e.g. by sight, sound, or feel).
- b. <u>Test.</u> To verify serviceability by measuring the mechanical, pneumatic, hydraulic, or electrical characteristics of an item and comparing those characteristics with prescribed standards.
- c. <u>Service.</u> Operations required periodically to keep an item in proper operating condition, e.g. to clean (includes decontaminate, when required), to preserve, to drain, to paint, or to replenish fuel, lubricants, chemical fluids, or gases.
- d. <u>Adjust.</u> To maintain or regulate, within prescribed limits, by bringing into proper position, or by setting the operating characteristics to specified parameters.
- e. <u>Align.</u> To adjust specified variable elements of an item to bring about optimum performance
- f. <u>Calibrate</u>. To determine and cause corrections to be made or to be adjusted on instruments or test, measuring, and diagnostic equipment's used in precision measurement.

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) MAINTENANCE ALLOCATION CHART (MAC)

0020 00

Consists of 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.

- g. <u>Remove/Install</u>. To remove and install the same item when required to perform service or other maintenance functions. Install may be the act of placing, seating, or fixing into position a spare, repair part, or module (component or assembly) in a manner to allow the proper functioning of an equipment or system.
- h. Replace. To remove an unserviceable item and install a serviceable counterpart in its place. "Replace" is authorized by the MAC and assigned maintenance level is shown as the 3d position code of the SMR code.
- i. <u>Repair</u>. The application of maintenance services<sup>1</sup> including fault location/ trouble-shooting<sup>2</sup>, removal/installation, and disassembly/assembly<sup>3</sup> procedures, and maintenance actions<sup>4</sup> to restore serviceability to an item by correcting specific damage, fault, malfunction, or failure in a apart, subassembly, module (component or assembly), end item, or system.
- j. Overhaul. That maintenance effort (service/action) prescribed to restore an item to a completely serviceable/ operational condition as required by maintenance standards in appropriate technical publications (i.e., DMWR). Overhaul is normally the highest degree of maintenance performed by the Army. Overhaul does not normally return an item to like new condition.
- k. <u>Rebuild</u>. Consists of those service/actions necessary for the restoration of unserviceable equipment to a like new condition in accordance with original manufacturing standards. Rebuild is the highest degree of materiel maintenance applied to Army equipment. The rebuild operation includes the act of returning to zero those age measurements (e.g. hours, miles) considered in classifying Army equipment's/components.

Services - Inspect, test, service, adjust, align, calibrate, and/or replace.

Fault location/troubleshooting - The process of investigating and detecting the cause of equipment malfunctioning; the act of isolating a fault within a system or unit under test (ULTT).

Disassembly/assembly - The step-by-step breakdown (taking apart) of a spare/functional group coded item to the level of its least component, that is assigned an SMR code for the level of maintenance under consideration (i.e., identified as maintenance significant).

Actions - Welding, grinding, riveting, straightening, facing, machining, and/or resurfacing.

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) MAINTENANCE ALLOCATION CHART (MAC)

0020 00

#### **EXPLANATION OF COLUMNS IN THE MAC**

- a. <u>Column 1, Group Number.</u> Column I lists functional group code numbers, the purpose of which is to identify maintenance significant components, assemblies, subassemblies, and modules with the next higher assembly.
- b. <u>Column 2, Component/Assembly</u>. Column 2 contains the item names of components, assemblies, subassemblies, and modules for which maintenance is authorized.
- c. <u>Column 3. Maintenance Functions</u>. Column 3 lists the functions to be performed on the item listed in Column 2. (For detailed explanation of these functions, see maintenance functions in WP 0020 00).
- d. Column 4. Maintenance Level. Column 4 specifies each level of maintenance authorized to perform each function listed in Column 3, by indicating work time required (expressed as man-hours in whole hours or decimals) in the appropriate sub-column. This work-time figure represents the active time required to perform that maintenance function at the indicated level of maintenance. If the number or complexity of the tasks within the listed maintenance function vary at different maintenance levels, appropriate work-time figures are to be shown for each level. The work-time figure represents the average time required to restore an item (assembly, subassembly, component, module, end item or system) to a serviceable condition under typical field operating conditions. This time includes preparation time (including any necessary disassembly/assembly time), troubleshooting/fault location time, and quality assurance time in addition to the time required to perform the specific tasks identified for the maintenance functions authorized in the maintenance allocation chart. The symbol designations for the various maintenance levels are as follows:
  - C Operator or crew maintenance
  - O Unit maintenance
  - F Direct support maintenance
  - L Specialized Repair Activity (SRA)
  - H General support maintenance
  - D Depot maintenance
- e. Column 5. Tools and Test Equipment Reference Code. Column 5 specifies by code, those common tool sets (not individual tools), common TMDE, and special tools, special TMDE, and special support equipment required to perform the designated function. Codes are keyed to tools and test equipment in Table 0020 00-2.
- f. <u>Column 6, Remarks</u>. When applicable, this column contains a letter code, in alphabetical order, which is keyed to the remarks contained in Table 0020 00-3.

	Table 0020 00-1 MAC for MGPTS									
(1) Group Number	(2) Component/Assembly	(3) Maintenance Function	(4) Maintenance Category			)	(5) Tools & Test Equipment	(6) Remarks		
			C	nit O	F	Н	D			
00	Modular General Purpose Tent System (Small, Medium, Large)	Inspect Service Repair Replace	2.2	2.1 2.2				1	A B C	
01	End Module Assembly	Inspect Repair Replace	.3	.5 .2				1	A C	
02	Mid Module Assembly	Inspect Repair Replace	.3	.5 .2				1	A C	
03	Side Pole Assembly	Inspect Replace	.2	.4				1	A C, D	
04	End Pole Assembly	Inspect Repair Replace	.2	.5 .1				1	A C, D,E	
0401	Lower End Pole	Repair Replace		.3 .2				1	С	
0402	Upper End Pole	Repair Replace		.3 .2				1	С	

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) MAINTENANCE ALLOCATION CHART (MAC)

	Table 0020 00-1 MAC for MGPTS (continued)								
(1) Group Number	(2) Component/Assembly	(3) Maintenance Function	(4) Maintenance Category				(5) Tools & Test Equipment	(6) Remarks	
			U	nit					
			С	0	F	Н	D		
05	Y-Pole Assembly	Inspect Replace	.2	.3					A C
06	Stakes	Inspect Replace	.4	.4					Α
0601	36" Wood Stake	Inspect Replace	.2	.2					А
0602	12" Polycarbonate Stake	Inspect Replace	.2	.2					А
07	Bags, Tent	Inspect Replace	.6	.6					А
0701	Bags, End Tent	Inspect Replace	.2	.2					А
0702	Bags, End Pole	Inspect Replace	.2	.2					А
0703	Bags, Mid Tent	Inspect Replace	.2	.2					А
0704	Bags, Mid Pole	Inspect Replace	.2	.2					А

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) MAINTENANCE ALLOCATION CHART (MAC)

0020 00

	Table 0020 00-2 Tools and Test Equipment for MGPTS					
Tools or Test Equipment Ref Code	Maintenance Level	Nomenclature	National Stock Number	Tool Number		
1	0	Tentage Repair Kit	8340-00-262-5767			

## **REMARKS FOR MGPTS**

Table 0020 00-3 REMARKS			
Remarks Code	Remarks		
Code			
A	Inspect in accordance with PMCS		
В	Clean all fabric components with soapy water		
С	Unit level repair is limited to the capabilities of the Tentage Repair Kit		
D	Replace Guy Rope Assembly if frayed or unraveled		
E	Replace Split Ring if broken or elongated		

End of Work Package

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) REPAIR PARTS LIST

0021 00

#### INTRODUCTION

#### SCOPE

This RPSTL lists and authorizes spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE); and other special support equipment for performance or unit maintenance of the Modular General Purpose Tent System (MGPTS). It authorizes the requisitioning, issue, and disposition of spares, repair parts, and special tools as indicated by the source, maintenance, and recoverability (SMR) codes.

#### **GENERAL**

In addition to the Introduction work package, this RPSTL is divided into the following work packages.

- 1. Repair Parts List Work Packages. Work packages containing lists of spares and repair parts authorized by this RPSTL for use in the performance of maintenance. These work packages also include 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 by item name in WP 0030 00, at the end of the work packages. Repair parts for separate special tools are also listed in a separate work package. Items listed are shown on the associated illustrations.
- 2. Special Tools List Work packages. Work packages containing lists of special tools, special TMDE, and special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in the DESCRIPTION AND USABLE ON CODE (UOC) column). Tools that are components of common tool sets and/or Class VII are not listed.
- 3. Cross-Reference Indexes Work Packages. These are two cross-reference indexes work packages in this RPSTL: the National Stock Number (NSN) Index work package and the Part Number (P/N) Index work package. The National Stock Number Index work package refers you to the figure and item number. The part Number Index work package refers you to the figure and item number.

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) REPAIR PARTS LIST

0021 00

# EXPLANATION OF COLUMNS IN THE REPAIR PARTS LIST AND SPECIAL TOOLS LIST WORK PACKAGE.

ITEM NO. (Column (1)). Indicates the number used to identify items called out in the illustration.

SMR CODE (Column (2)). The SMR code containing supply/requisitioning information, maintenance level authorization criteria, and disposition instruction, as shown in the following breakout:

Source Code	Maintenance Code		Recoverability Code
<u>Xx</u>	<u>xx</u>	<u> </u>	X
1st two positions: How to get an item.	3rd position: Who can install, replace, or use the item.	4th position: Who can do complete repair* on the item	5th position: Who determines disposition action on unserviceable items.

<sup>\*</sup> 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.

Source Code: The source code tells you how you get an item needed for maintenance, repair, or overhaul of an end item/equipment. Explanations of source codes follow:

Source Code	Application/Explanation
PA PB PC PD PE PF	Stock items; use the applicable NSN to requisition/request items with these source codes. They are authorized to the level indicated by the code entered in the 3rd position of the SMR code.
PG	<b>NOTE</b> 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 level indicated in the 3rd position of the SMR code. The complete kit must be requisitioned and applied.
MO-Made at unit  MF-Made at DS level  MH-Made at GS level  ML-Made at SRA  MD-Made at depot	Items with these codes are not to be requisitionedrequested individually. They must be made from bulk material which is identified by the P/N in the DESCRIPTION AND USABLE ON CODE (UOC) column and listed in the bulk material group work package of the RPSTL. If the item is
	0021 00-2

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) REPAIR PARTS LIST

0021 00

authorized to you by the 3rd position code of the SMR code, but the source code indicates it is made at higher level, order the item from the higher level of maintenance

AO-Assembled by unit level AF-Assembled by DS level AH-Assembled by GS level 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 3rd position 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 the next higher assembly.

(Refer to NOTE below.)

XB If an item is not available from salvage,

order it using the CAGEC and P/N.

XC Installation drawings, diagrams, instruction sheets, field service

drawings; identified by manufacturer's

P/N.

XD Item is not stocked. Order an XD-coded

item through normal supply channels using the CAGEC and P/N 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 those items source coded "XA" or those aircraft support items restricted by requirements of AR 750-1.

Maintenance Code. Maintenance codes tell you the level(s) of maintenance to use and repair support items. The maintenance codes are entered in the third and fourth positions of the SMR code as follows:

Third Position. 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 the following levels of maintenance:

<u>Maintenance</u>	<u>Application/Explanation</u>
<u>Code</u>	
С	Crew or operator maintenance done within unit maintenance.
0	Unit level maintenance can remove, replace, and use the item.
F	Direct support maintenance can remove, replace, and use the item.
	0021 00-3

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) REPAIR PARTS LIST

0021 00

H General support maintenance can remove, replace, and use the item.

L Specialized repair activity can remove, replace, and use the item.

D Depot can remove, replace, and use the item.

Fourth Position. The maintenance code entered in the fourth position tells you whether or not the item is to be repaired and identifies the lowest maintenance level with the capability to do complete repair (perform all authorized repair functions).

#### NOTE

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

<u>Maintenance</u>	Application/Explanation
<u>Code</u>	
0	Unit is the lowest level that can do complete repair of the item.
F	Direct support is the lowest level that can do complete repair of the item
Н	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.
Z	Nonreparable. No repair is authorized.
В	No repair is authorized. No parts or special tools are authorized for maintenance
	of "B" coded items. However, the item may be reconditioned by adjusting,
	lubricating, etc., at the user level.

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

<u>Recoverability</u>	<u>Application/Explanation</u>
<u>Code</u>	
Z	Nonreparable item. When unserviceable, condemn and dispose of the item at the level of maintenance shown in the third position of the SMR code.
0	Reparable item. When uneconomically reparable, condemn and dispose of the item at the unit level
F	Reparable item. When uneconomically reparable, condemn and dispose of the item at the direct support level.
Н	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 are not authorized below depot level.
L	Reparable item. Condemnation and disposal not authorized below Specialized Repair Activity (SRA).
А	Item requires special handling or condemnation procedures because of specific reasons (such as precious metal content, high dollar value, critical material, or hazardous material). Refer to appropriate manuals/directives for specific instructions

NSN (Column (3)). The NSN for the item is listed in this column.

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) REPAIR PARTS LIST

0021 00

CAGEC (Column (4)). The Commercial and Government Entity Code (CAGEC) is a five digit code which is used to identify the manufacturer, distributor, or Government agency/activity that supplies the item.

Part Number (Column (5)). 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 P/N from the number listed.

DESCRIPTION AND USABLE ON CODE (UOC) (Column (6)). This column includes the following information:

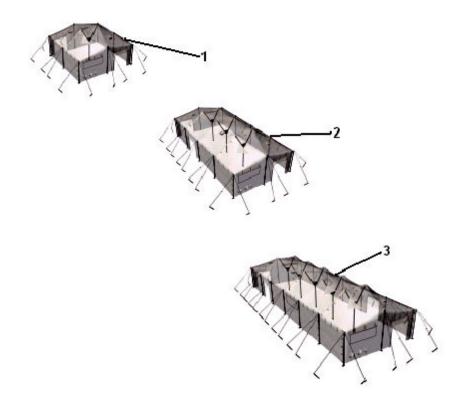
- 1. The federal item name, and when required, a minimum description to identify the item.
- 2. P/Ns of bulk materials are referenced in this column in the line entry to be manufactured or fabricated.
- 3. Hardness Critical Item (HCI). A support item that provides the equipment with special protection from electromagnetic pulse (EMP) damage during nuclear attack.
- 4. The statement END OF FIGURE appears just below the last item description in column (6) for a given figure in both the repair parts list and special tools list work packages.

QTY (Column (7)). 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 instead of a quantity indicates that the quantity is variable and quantity may change from application to application.

End of Work Package

GROUP	00 MGPTS
<b>REPAIR</b>	<b>PARTS LIST</b>

0022 00



(1)	(2)	(3)	(4)	(5)	(6)	(7)
ÌΤΈΜ	SMR	. ,		PÁRT	DESCRIPTION AND	, ,
NO.	CODE	NSN	CAGEC	NUMBER	USABLE ON CODE	QTY
110.	OODL	11011	0/1020	HOWBER	(UOC)	α
					1 /	
					GROUP 00 MGPTS	
1	XDOOZ	8340-01-456-3633	73005	2480107	MGPTS, Small	
					UOC:FQJ	1
2	XDOOZ	8340-01-456-3628	73005	2480108	MGPTS, Medium	
_	712002	00.0000.0020	. 0000	2.00.00	UOC:FQK	1
2	VD007	0240 04 450 2074	72005	0400400		'
3	XDOOZ	8340-01-456-3674	73005	2480109	MGPTS, Large	
					UOC:FQL	1
					END OF FIGURE	

0022 00-1/BLANK

# GROUP 01 END MODULE FABRIC ASSEMBLY REPAIR PARTS LIST

0023 00



(2) SMR	(3)	(4)	(5) PART	(6) DESCRIPTION AND	(7)
CODE	NSN	CAGEC	NUMBER	USABLE ON CODE	QTY
				GROUP 01 END MODULE FABRIC ASSY	
PAOOZ		73005	2480115	END MODULE FABRIC ASSY. UOC:FQJ,FQK,FQL	2
				END OF FIGURE	
	SMR CODE	SMR CODE NSN	SMR CODE NSN CAGEC	SMR PART CODE NSN CAGEC NUMBER	SMR CODE NSN  CAGEC  PART NUMBER  USABLE ON CODE (UOC)  GROUP 01 END MODULE FABRIC ASSY  PAOOZ  73005  2480115  END MODULE FABRIC ASSY. UOC:FQJ,FQK,FQL

0023 00-1/BLANK

# GROUP 02 MID MODULE FABRIC ASSEMBLY REPAIR PARTS LIST

0024 00

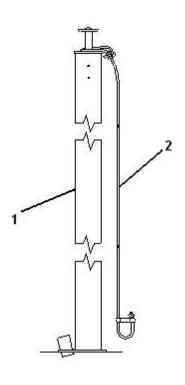


(1) ITEM	(2) SMR	(3)	(4)	(5) PART	(6) DESCRIPTION AND	(7)
NO.	CODE	NSN	CAGEC	NUMBER	USABLE ON CODE (UOC)	QTY
					GROUP 02 MID MODULE FABRIC ASSY	
1	PAOOZ		73005	2480116	MID MODULE FABRIC ASSY UOC:FQJ UOC:FQK UOC:FQL	0 1 2
					END OF FIGURE	

0024 00-1/BLANK

GROUP 03 SIDE POLE REPAIR PARTS LIST

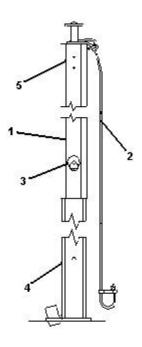
0025 00



(1)	(2) SMR	(3)	(4)	(5) PART	(6) DESCRIPTION AND	(7)
NO.	CODE	NSN	CAGEC	NUMBER	USABLE ON CODE (UOC)	QTY
					GROUP 03 SIDE POLE	
1	PAOOZ		73005	2470824	SIDE POLE UOC:FQJ	6
					UOC:FQK UOC:FQL	10 14
2	PAOZZ		73005	2490001	.GUY ROPE ASSY	4
					UOC:FQJ.FQK,FQL	1
					END OF FIGURE	

# GROUP 04 END POLE REPAIR PARTS LIST

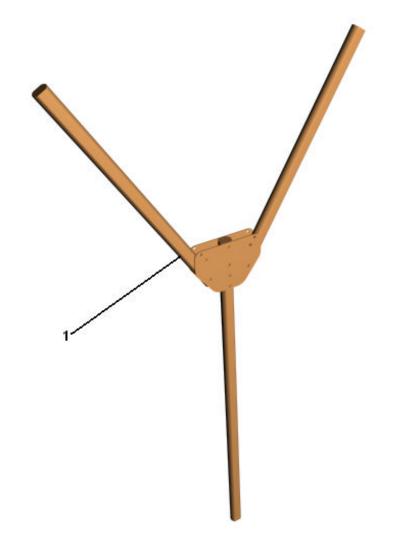
0026 00



(1) ITEM	(2) SMR	(3)	(4)	(5) PART	(6) DESCRIPTION AND	(7)
NO.	CODE	NSN	CAGEC	NUMBER	USABLE ON CODE (UOC)	QTY
					GROUP 04 END POLE	
1	PAOOZ		73005	2470823	END POLE UOC:FQJ,FQK,FQL	2
2	PAOO		73005	2490001	.GUY ROPE ASSY UOC:FQJ,FQK,FQL	REF
3	PAOOZ		73005	2600011	GROUP 0401 MGPTS .SPLIT RING UOC:FQJ,FQK,FQL	2
4	PAOOZ		73005	2500001	GROUP 0401 .LOWER END POLE WELDMENT UOC:FQJ,FQK,FQL	2
5	PAOOZ		73005	2500002	GROUP 0402 .UPPER END POLE ASSEBLY UOC:FQJ,FQK,FQL	2
					END OF FIGURE	

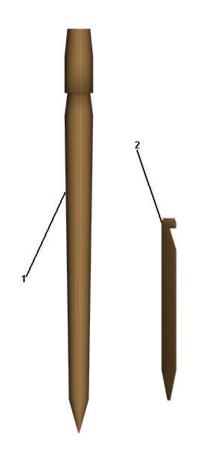
**GROUP 05 Y-POLE REPAIR PARTS LIST** 

0027 00



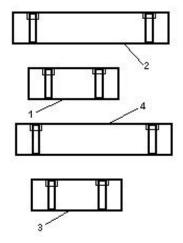
(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 05 Y-POLE	
1	PAOOZ		73005	2470822	Y POLE UOC:FQJ UOC:FQK UOC:FQL	1 3 5
					END OF FIGURE	

GROUP 06 STAKES REPAIR PARTS LIST 0028 00



(4)	(2)	(2)	(4)	(E) DADT	(6)	(7)
(1) ITEM	(2) SMR	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND	(7) QTY
NO.	CODE	11011	CAGLO	NOWDER	USABLE ON CODE	QII
110.	OODL				(UOC)	
					GROUP 06 STAKES	
					CITOOL OO CITILLE	
					GROUP 0601	
1	PAOZZ		7N088	HTSH36	STAKE, 36" TENT-	
					HACKBERRY	
					UOC:FQJ	16
					UOC:FQK	24
					UOC:FQL	32
					GROUP 0602	
2	PAOZZ		1JQ00	D1200-PC-GE	STAKE, 12" GP	
					POLYCARBONATE	
					UOC:FQJ	24
					UOC:FQK	36
					UOC:FQL	48
					END OF FIGURE	

GROUP 07 BAGS REPAIR PARTS LIST 0029 00



(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
1	PAOZZ		73005	2480115	GROUP 0701 BAGS, END TENT UOC:FQJ UOC:FQK UOC:FQL	2 2 2
2	PAOZZ		73005	2480117	GROUP 0702 BAGS, END POLE UOC:FQJ UOC:FQK UOC:FQL	1 1 1
3	PAOZZ		73005	2480116	GROUP 0703 BAGS, MID TENT UOC:FQJ UOC:FQK UOC:FQL	0 1 2
4	PAOZZ		73005	2480118	GROUP 0704 BAGS, MID POLE UOC:FQJ UOC:FQK UOC:FQL	0 1 2
					END OF FIGURE	

TM	10-8340-240-12&P

# GROUP 08 BULK ITEMS REPAIR PARTS LIST

0030 00

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 08 BULK	
BULK	PAOZZ		82399	5000-B	BUCKLE, MALE, 1" UOC:FQJ UOC:FQK UOC:FQL	AR AR AR
BULK	PAOZZ		57771	5691812	GROMMET/SPUR, WASHER, ROLLED RIM, #4 UOC:FQJ UOC:FQK UOC:FQL	AR AR AR
BULK	PAOZZ		57771	671/264	GROMMET, OVAL, TY VCL3, SI#1 MIL-G-16491F UOC:FQJ UOC:FQK UOC:FQL	AR AR AR
BULK	PAOZZ		34918	8218	VINYL/GREEN/ WHITE UOC:FQJ UOC:FQK UOS:FQL	AR AR AR
BULK	PAOZZ				WEBBING UOC:FQJ UOC:FQK UOC:FQL	AR AR AR
BULK	PAOZZ		82399	618-000-6024	DOG BONE, MIL-S-1734 UOC:FQJ UOC:FQK UOC:FQL END OF FIGURE	AR AR AR

MODUL AD OFNED	AL DUDE		8340-240-12&P	0004 00
MODULAR GENER PART NUMBER IN		OSE IEN	T SYSTEM (MGPTS)	 0031 00
STOCK NUMBERS	FIG.	ITEM	_	
			_	
		⊏~d of	Marile Dankona	
		Ena oi	Work Package	
	Th	is section i	ntentionally left blank	

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) PART NUMBER INDEX

0032 00

PART NUMBER	FIG.	ITEM	
	_	_	
D1200-PC-GE	6	2	
HTSH36	6	1	
2470822	5	1	
2470823	4	1	
2470824	3	1	
2480107	0	1	
2480108	0	2	
2480109	0	3	
2480115	1	1	
2480116	2	1	
2490001	3	2	
2490001	4	2	
2500001	4	3	
2500002	4	4	
2600011	4	5	

End of Work Package

This section intentionally left blank

## MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) COMPONENTS OF END ITEM (COEI) AND BASIC ISSUE ITEMS (BII)

0033 00

#### INTRODUCTION

### **SCOPE**

This appendix lists components of end item (COEI) and basic issue items (BII) for MGPTS. Use it to help inventory items required for safe and efficient operation.

#### **GENERAL**

The COEI and BII Lists are divided into the following sections:

- a. <u>Components of MGPTS List</u>. This listing is for informational purposes only, and does not give authority to requisition replacements. These items are part of the end item. They are removed and separately packaged for transportation or shipment only when necessary. As part of the end item, these items must be with the end item whenever it is issued or transferred between property accounts. Illustrations are furnished to assist you in identifying the items.
- b. <u>Basic Issue Items List</u>. These are the minimum essential items required to place the MGPTS in operation and to perform emergency repairs. Although shipped separately packaged, BII must be with the MGPTS during operation and whenever it is transferred between property accounts. This manual is your authority to request/requisition replacement BII based on TOE/MTOE authorization of the end item.

#### **EXPLANATION OF COLUMNS**

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

- a. <u>Column (1) Illustration/Item</u> Number. Indicates the number of the illustration in which the item is shown and the number of the item.
- b. <u>Column (2) National Stock</u> Number. Indicates the National stock number assigned to the item and is used for requisitioning purposes.
- c. <u>Column (3) Description</u>. Indicates the federal item name and if required a minimum description to identify and locate the item. The last line for each item indicates the Federal Supply Code for Manufacturer (FSCM) or Commercial and Government Entity Code (CAGEC) in parentheses, followed by the part number. If the item you need is not the same for different models of the equipment, a Usable On Code (UOC) will appear on the right side of the description column on the same line as the part number. These codes are identified below:

<u>UOC</u>	<u>MODEL</u>
FQJ	MGPTS, Small
FQK	MGPTS, Medium
FQL	

<u>Column (4) - Unit of Measure (U/M)</u>. Indicates the measure item is issued for the national stock number shown in column (2).

e. <u>Column (5) - Quantity Required</u>. Indicates the quantity of the item authorized to be used with/on the equipment.

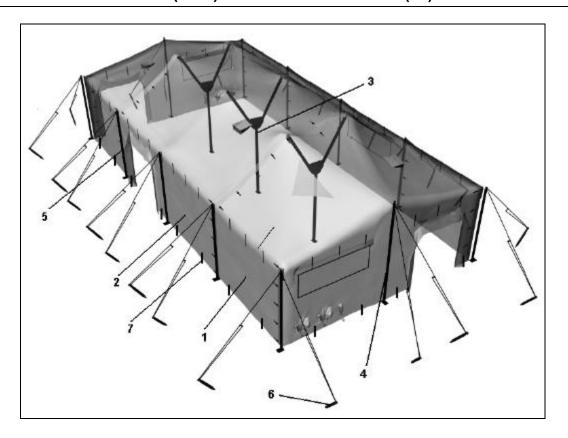
# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) COMPONENTS OF END ITEM (COEI) AND BASIC ISSUE ITEMS (BII)

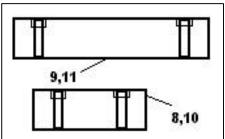
0033 00

Table 0000 00 4 Common and of End Nome					
(4)		able 0033 00-1 Components o		(F)	(C)
(1)	(2)	(3)	(4)	(5)	(6)
ILLUS/	NATIONAL STOCK	DESCRIPTION, PART NO.,	USABLE	U/M	QTY/
ITEM NO.	NUMBER	AND CAGEC	ON CODE		REQD.
1		END MODULE FABRIC	FQJ	EA	2
·		ASSY, 2480115 (73005)	FQK	EΑ	2
		7001, 2400113 (70003)	FQL	EA	2
			FQL	LA	2
		MID MODI II E EARRIO	FO.1	<b>-</b> ^	0
2		MID MODULE FABRIC	FQJ	EA	0
		ASSY, 2480116 (73005)	FQK	EA	1
			FQL	EA	2
3		Y POLE ASSY, 2470822	FQJ	EA	1
		(73005)	FQK	EA	3
		,	FQL	EA	5
			. ~_		
4		END POLE, 2470823	FQJ	EA	2
7		(73005)	FQK	EA	2
		(73005)			
			FQL	EA	2
					_
5		SIDE POLE, 2470824	FQJ	EA	6
		(73005)	FQK	EA	10
			FQL	EA	14
6		STAKES, WOOD, HTSH36	FQJ	EA	16
		(73005)	FQK	EA	24
		(7000)	FQL	EA	32
			I QL	LA	32
7		CTAKES DI ACTIC	FO.1	<b>-</b> ^	24
7		STAKES, PLASTIC,	FQJ	EA	24
		D1200-PC-GE (73005)	FQK	EA	36
			FQL	EA	48
			[		
8		BAGS, END TENT, 2480115	FQJ	EA	2
		(73005)	FQK	EA	2
		·	FQL	EA	2
9		BAGS, END POLE, 248011	FQJ	EA	1
		(73005)	FQK	EA	1
		(7000)	FQL	EA	1 1
			'	LA	"
10		BAGS, MID TENT, 2480116	FQJ	EA	0
10					
		(73005)	FQK	EA	1
			FQL	EA	2
		D. 00 MD DC: T 5 /55 / 15			
11		BAGS, MID POLE, 2480118	FQJ	EA	0
		(73005)	FQK	EA	1
			FQL	EA	2

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) COMPONENTS OF END ITEM (COEI) AND BASIC ISSUE ITEMS (BII)

0033 00





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# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) COMPONENTS OF END ITEM (COEI) AND BASIC ISSUE ITEMS (BII)

0033 00

## **BASIC ISSUE ITEM LIST**

## Table 0033 00-2 Basic Issue Item List

(1) Illus/ Item No.	(2) National Stock Number	(3) Description (CAGEC) Part Number	UOC	(4) U/M	(5) Qty. Reqd.
1	N/A	TM 10-8340-240-12&P	FQJ FQK FQL	EA	1

End of Work Package

## MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) ADDITIONAL AUTHORIZATION LIST

0034 00

### **INTRODUCTION**

#### **SCOPE**

This appendix lists additional items that you are authorized for the support of the MGPTS.

#### **GENERAL**

This list identifies items that do not have to accompany the MGPTS and that do not have to be turned in with it. These items are authorized to you by CTA, MTOE, TDA, or JTA.

### **EXPLANATION OF LISTING**

National stock number, descriptions, and quantities are provided to help you identify and request the additional items you require to support this equipment. If the item required differs for different models of this equipment, see the "USED ON CODE" (UOC) column for the applicable model or models. Codes used are:

<u>MODEL</u>
MGPTS, Small
MGPTS, Medium
MGPTS, Large

#### Section II. ADDITIONAL AUTHORIZATION LIST

## **Table 0034 00-1 Additional Authorization List**

Item	NSN	Description, CAGE, Part Number	U/M	Qty Auth.
1	8340-00-262-5767	Tentage Repair Kit (81337) 8340-90-CL-POL	EA	1
2	8340-00-951-6423	Ground Anchor Kit (81337)	EA	1
3	6230-01-242-2016	Light Set, Portable, Fluorescent, Type I, (81337)	EA	2
4	4520-01-329-3451	Radiant Type Portable 45K Btu/hr (H-45)	EA	2-FQJ 4-FQK 6-FQL
5	8340-00-261-7451	Pin, Tent, Metal, Type II (12" Long) (81337)	EA	24-FQJ 36-FQK 48-FQL

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) ADDITIONAL AUTHORIZATION LIST

0034 00

6	8340-00-261-9751	Pin, Tent, Wood, Size 2 (24" Long) (81337)	EA	16-FQJ 24-FQK 32-FQL
7	5120-00-926-7116	Mallet, Wood (81337)	EA	1
8	8340-01-186-3010	Vestibule, Frame Assy. (81337)	EA	6-FQJ 9-FQK 12-FQL
9	8340-01-186-3026	Vestibule, Green (81337)	EA	2-FQJ 3-FQK 4-FQL
10	8340-01-198-7261	Vestibule, Tan (81337)	EA	2-FQJ 3-FQK
11		Stake, Wood (7N088)	EA	16-FQJ 24-FQK 32-FQL

End of Work Package

## MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) EXPENDABLE AND DURABLE ITEMS LIST

0035 00

### **INTRODUCTION**

### SCOPE

This work package lists expendable and durable items that you will need to operate and maintain the MGPTS. This listing is for information only and does not give authority to requisition the listed items. These items are authorized to you by CTA 50-970, Expendable/Durable Items (Except Medical, Class V Repair Parts, and Heraldic Items), or CTA 8-100, Army Medical Department Expendable/Durable Items.

#### **EXPLANATION OF COLUMNS**

Column (1). Item Number. This number is assigned to the entry in the listing and is referenced in the narrative instructions to identify the item (e.g. "Use dry cleaning solvent, (Item 4, WP 0022 00).").

Column (2). Level.	This column identifies the lowest level of maintenance that requires
the item.	
C	Crew/Operator

Column (3). National Stock Number. This is the NSN assigned to the item. Use it to requisition the item.

Column (4). Item Name, Description, Commercial and Government Entity Code (CAGEC). and Part Number. This provides the other information you need to identify the item.

Column (5). Unit of Measure (U/M). This code shows the physical measurement or count of an item, such as gallon, dozen, gross

# MODULAR GENERAL PURPOSE TENT SYSTEM (MGPTS) EXPENDABLE AND DURABLE ITEMS LIST

0035 00

## **EXPENDABLE AND DURABLE ITEMS LIST**

Table 0035 00-1 Expendable and Durable Items List

(1)	(2)	(3)	(4)	(5)
Item	Level	National Stock	Description	
No		Number	(CAGEC) Part Number	U/M
1	С	8520-00-129-0803	SOAP, TOILET, HAND, CAKE	ВХ
2	С	7920-00-240-7174	BRUSH, SCRUB, W/OUT HANDLE	EA
3	С		GLOVES, LATEX-NITRILE (55799)695456 [SIZE 8-8 1/2] (55799)695457 [SIZE 9-9 1/2] (55799)695458 [SIZE 10-10 1/2]	PR
4	С	4240-01-204-2827	FILTER CARTRIGE (55799)464023	EA
5	С	4240-01-244-2698	GOGGLES, CHEMICAL SPLASH (55799)695877	EA
6	С	4240-01-315-1864 4240-01-315-1863 4240-01-315-9013	RESPIRATOR, AIR FILTERING	GL
7	С	7920-00-205-1711	WIPING RAGS	BL
8	0		RAKE, SNOW (62840) 89-416	EA

End of Work Package

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