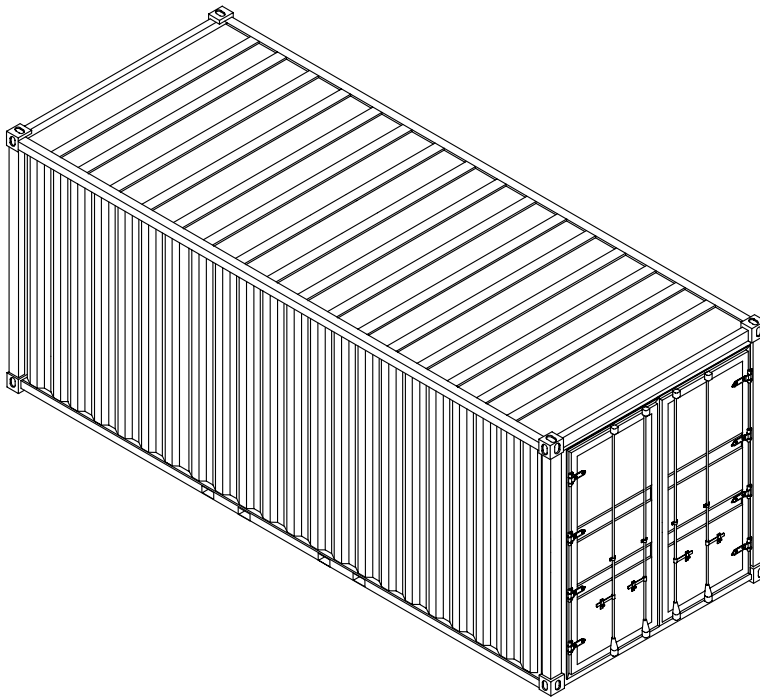


TECHNICAL MANUAL

OPERATOR'S AND UNIT
MAINTENANCE MANUAL
(INCLUDING REPAIR PARTS AND
SPECIAL TOOLS LIST)

CONTAINERIZED CHAPEL (CC)
NSN 9925-01-481-5136



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HEADQUARTERS, DEPARTMENT OF THE ARMY
30 NOVEMBER 2003

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 30 NOVEMBER 2003

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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 Tank-automotive & Armament Command, ATTN: AMSTA-LC-CECT, Kansas Street, Natick, MA 01760-5052. You may also send in your recommended changes via electronic mail directly to amssbriml@natick.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 manual contains general information, operating instructions, operator Preventive Maintenance Checks and Services (PMCS), troubleshooting procedures, and maintenance/repair instructions for the Containerized Chapel (CC).

Chapter 1 contains introductory information on the CC and its associated equipment as well as a theory of operation. Chapter 2 includes operating instructions under usual and unusual conditions. Chapter 3 contents include operator troubleshooting, PMCS, and service procedures. Chapter 4 contains unit maintenance instructions. Chapter 5 contains references and other supporting information. Chapter 5 also includes the Repair Parts and Special Tools List (RPSTL) that identifies those parts or tools which are unique to the operation and maintenance of this equipment.

Manual Organization and Page Numbering System. The manual is divided into five major chapters that detail the topics mentioned above. Within each chapter are work packages (WP) covering a wide range of topics. Each work package is numbered sequentially starting at page 1. The work package has its own page numbering scheme and is independent of the page numbering used by other work packages. Each page of a work package has a page number of the form XXXX YY-ZZ where XXXX is the work package number (e.g. 0010 is work package 10) and YY is the revision number for that work package and ZZ represents the number of the page within that work package. A page number such as 0010 00-1/(2 blank) means that page 1 contains information but page 2 of that work package has been intentionally left blank.

Finding Information. The table of contents permits the reader to quickly find information in the manual. The reader should start here first when looking for a specific topic. The table of contents lists the topics contained within each chapter and the work package sequence number where it can be found.

Example: If the reader were looking for instructions on "Preventive Maintenance Checks and Services", which is an operator maintenance topic, the table of contents indicates that operator maintenance information can be found in chapter 3. Scanning down the listings for chapter 3, "Preventive Maintenance Checks and Services" information can be found in WP 0010 00 (i.e. work package 10).

An alphabetical index can be found at the back of the manual, and lists specific topics with the corresponding work package.

CONTAINERIZED CHAPEL (CC)**NSN 9925-01-481-5136****GENERAL INFORMATION**

SCOPE

This technical manual (TM) contains instructions for the operation, as well as preventive, and corrective maintenance of the Containerized Chapel (CC).

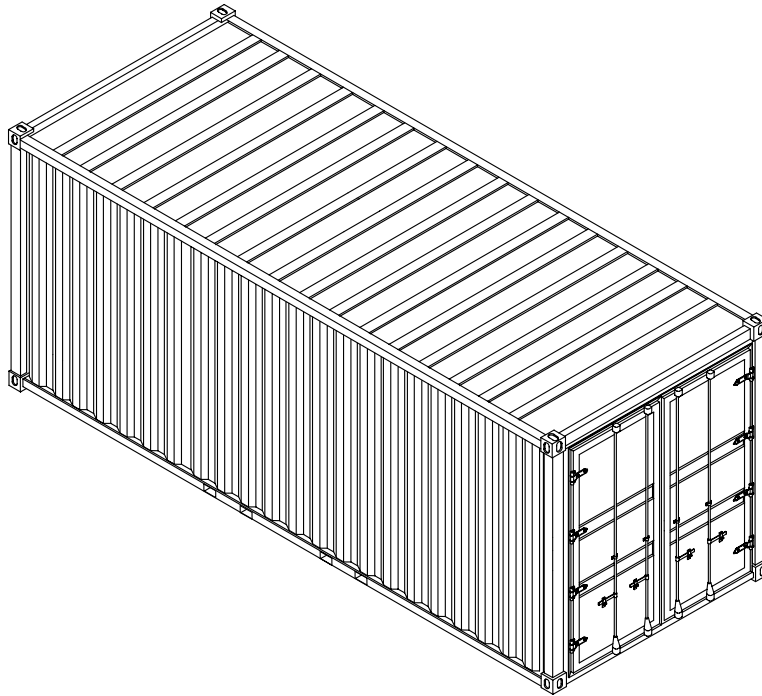
This technical manual (TM) contains four illustrated packing plans showing the CC packing options with (1) Two ECUs, one ASH heater and one TQG, (2) two ECUs, one ASH heater but no TQG, (3), two ECUs, no ASH heater and one TQG and (4) two ECUs, no ASH and no TQG. These illustrated packing plans are shown in WP 0005 00.

The CC is non-organizational equipment and must be requested through Army support channels.

Type of Manual: Operators and Unit Maintenance manual.

Model Number and Equipment Name: Containerized Chapel (CC), Cage 81337, P/N 10-1-640, NSN 9925-01-481-5136.

Purpose of Equipment: The CC provides an appropriate facility for religious events for soldiers, authorized civilians and authorized contractors deployed for lengthy periods in base camps. The CC will provide the capability to enhance quality religious support and improve quality of life for personnel deployed for military operations in austere environments. This system provides capability of ministering to the worship needs of Catholic, Jewish, Muslim, Protestant and other faith groups. CC components can be operated by MOS non-specific personnel, however, initial power connections must be made by MOS 51R, 52C, 52D, or 52G qualified personnel.



Containerized Chapel (Stored Configuration)

0001 00-1

MAINTENANCE FORMS RECORDS AND REPORTS

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

REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIRs)

If your CC needs improvement, let us know. Send us an EIR. You, the user are the only one who can tell us what you don't like about your equipment. Let us know why you don't like the design or performance. Put it on an SF368 Product Quality Deficiency Report. Mail it to: Commander U.S. Army Tank-automotive & Armament Command; ATTN: AMSTA-LC-R, Kansas St. Natick MA 01760-5052. We will send you a reply.

HAND RECEIPT (HR) MANUALS

This manual has a companion document with a TM number followed by "-HR" (which stands for Hand Receipt). TM 10-9925-100-12-HR consists of preprinted hand receipts that list end item related equipment (i.e., COEI, BII, and AAL) that must be accounted for. As an aid to property accountability, additional HR manuals may be requisitioned through normal publication channels.

CORROSION PREVENTION AND CONTROL (CPC)

Corrosion Prevention and Control (CPC) of Army materiel is a continuing concern. It is important that any corrosion problems with this item be reported so that the problem can be corrected and improvements can be made to prevent the problem in future items.

While corrosion is typically associated with rusting of metals, it can also include deterioration of other materials, such as rubber or plastic. Unusual cracking, softening, swelling or breaking of these materials may be a corrosion problem.

If a corrosion problem is identified, it can be reported using SF 368, Product Quality Deficiency Report (PQDR). Use of key words such as corrosion, rust, deterioration or cracking will ensure 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 MATERIEL TO PREVENT ENEMY USE

For procedures to destroy this equipment to prevent its use by the enemy, refer to TM 750-244-2, Procedures for Destruction of Material to Prevent Enemy Use.

NOMENCLATURE CROSS-REFERENCE LIST

Common Name	Official Name
HEMTT-LHS	Heavy Expanded Mobile Tactical Truck with Load Handling System
Container	Shelter, Welded Assembly, CC
ECU	A/C 54,000 BTU/Hr Cooling, 34,000 BTU/Hr Heating
Pigtail	60AMP Power Cable, 4-ft
ASH	Army Space Heater, 120,000 BTU
TQG	Generator Set, Skid Mounted, Tactical Quiet