



AFCESA **A-GRAM**



AIR FORCE CIVIL ENGINEER SUPPORT AGENCY

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AIR FORCE QUALIFICATION TRAINING PACKAGE (AFQTP) CD/ROM – CALIFORNIA MEDIUM SHELTER SYSTEM (MSS)

SYNOPSIS:

We have recently completed a new qualification training package CD-ROM product, *AFQTP – California Medium Shelter System (MSS) 3E3X1, 3E0X1*. CD-ROMs were automatically distributed to all AF civil engineer organizations on 1 Jun 01. This computer-based product supports skill level upgrade and proficiency training of military engineer personnel in the 3E3X1 (Structures) and 3E0X1 (Electrical) career fields for home station training. This program standardizes step-by-step procedural guidance describing how to perform specific tasks identified in the forthcoming Specialty Training Standard portion of Career Field Education and Training Plans.

The MSS is the replacement for the aging General Purpose Shelter. The MSS is lighter, easier to assemble and requires less airlift support for deployment. This AFQTP highlights key tasks that must be accomplished to set up the Medium Shelter System in a safe and prudent manner. These steps help create an understanding of the mechanical process to assemble the MSS. This AFQTP also identifies helpful hints on how to accomplish setup quicker, easier and with fewer

problems. It consists of five lessons providing valuable information on this new shelter system.

Lesson 1 is the MSS program introduction. This overview covers several topics such as specifications, advantages, airlift requirements, and role of the shelter system in the Bare Base concept.

Lesson 2, Erection and Assembly of the MSS, covers the site survey, location selection criteria, parts identification, and step-by-step unpacking, layout and erection procedures.

Lesson 3 provides information on the installation of MSS electrical components, such as the distribution box, connector cables, receptacles and lights. This lesson also covers troubleshooting and repair of the electrical system.

Lesson 4 covers proper placement of Environmental Control Units (ECUs). Finally, Lesson 5 discusses reconstitution procedures for the MSS. It covers disassembly, inspection and repair, proper folding and packing order of components, and ECU preparation techniques.

ACCESSIBILITY:

Initial distribution has been made. Information regarding distribution procedures or obtaining copies of this and other CD-ROM and/or video products may be requested through HQ AFCEA/CEOT. Point of contact is Mr. Ralph Gruber, DSN 523-6181 or commercial (850) 283-6181, or e-mail Ralph.Gruber@tyndall.af.mil.

Questions regarding this QTP should be directed to the point of contact listed below.

CONTACT:

SMSgt Mike Shakal
HQ AFCEA/CEOT
139 Barnes Drive Suite 1
Tyndall AFB FL 32403-5319
DSN 523-6421 FAX 523-6488
Comm (850) 283-6421
E-mail: Mike.Shakal@tyndall.af.mil

