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DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

SHOP EQUIPMENT, WELDING SHOP (NSN 4940-00-209-6240)

INSTALLATION IN ONE 280 MAINTENANCE SHELTER

(NSN 4940-00-919-8409)

AND

ONE ISO-2-1 MAINTENANCE SHELTER

(NSN 5411-01-124-1377)

Approved for public release; distribution is unlimited

HEADQUARTERS DEPARTMENT OF THE ARMY

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WASHINGTON, DC,
24 July 1987

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You can help improve this bulletin. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) direct to: Commander, US Army Armament, Munitions and Chemical Command, ATTN: AMSMC-MAS(R), Rock Island, IL 61299-6000. A reply will be furnished to you.

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*This bulletin supersedes TB 9-4940-319-30 dated 24 January 1968.

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Section I. INTRODUCTION

1. General

a. Instructions contained in this bulletin are in three sections. Section I contains the introduction and general instructions, warnings and cautions, and location of equipment. Section II is a guide for installation of welding shop equipment (NSN 4940-00-209-6240) in one 280 maintenance shelter, unit 1 (NSN 4940-00-919-8409) (fig. 1). Section III is a guide for installation of welding shop equipment (NSN 4940-00-209-6240) in one ISO-2-1 maintenance shelter, unit 2 (NSN 5411-01-124-1377) (fig. 6).

b. Slight variations to the installation instructions may be made at the discretion of the officer in charge.

c. Complete lists of items contained in these shops are found in SC 4940-95-CL-A64.

d. Items not mentioned in this bulletin, that may be components of this shop, may be stowed in storage cabinets and drawers or secured in such a manner as to avoid damage in transit.

e. All dimensions, fastener sizes, and hardware sizes are in inches.

f. When entering either shelter, curbside is at right and roadside is at left.

2. Warnings and Cautions

WARNING

All electrically powered tools and equipment must be grounded prior to use.

Extinguish all smoking materials and do not permit open flame or sparks when using flammable cleaning solvent.

Improper hook-up of Generator Sets AN/MJQ-16 and 18 may result in a safety hazard to personnel and may damage equipment.

CAUTION

Special care should be exercised during installation to avoid damage to electrical connectors, wiring, or electrical equipment. To preserve its waterproof characteristics, precautions should be taken not to puncture the outer skin when drilling holes into the walls and floors of the shelters. The ISO-2-1 shelter must be level prior to expanding the side. The expanded portion of ISO-2-1 shelter must be level to allow wall, roof, and floor locks to engage. No equipment shall be moved onto expanded floor until ISO-2-1 shelter is level.

3. Location of Equipment

a. location of equipment installed or stowed in the 280 shelter, unit 1, is shown in figures 1 thru 5 and 15.

(1) Refer to table 1 for hardware required for installation.

(2) Refer to table 3 for components to be mounted.

b. Location of equipment installed or stowed in ISO-2-1 shelter, unit 2, is shown in figures 6 thru 15.

(1) Refer to table 2 for hardware required for installation.

(2) Refer to table 4 for components to be mounted.

c. Refer to table 5 for standard conversion chart.