

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

SHOP EQUIPMENT, SMALL EQUIPMENT REPAIR SHOP
(NSN 4940-00-209-6232) INSTALLATION IN
ONE 280 MAINTENANCE SHELTER (NSN 4940-00-919-8409)
AND
ONE ISO-2-1 MAINTENANCE SHELTER (NSN 5411-01-124-1377)

HEADQUARTERS, DEPARTMENT OF THE ARMY

September 1984

TECHNICAL BULLETIN)
)
 No. 9-4940-316-30*)

HEADQUARTERS
 DEPARTMENT OF THE ARMY
 WASHINGTON, DC, 5 September 1984

SHOP EQUIPMENT, SMALL EQUIPMENT REPAIR SHOP
(NSN 4940-00-209-6232) INSTALLATION IN
ONE 280 MAINTENANCE SHELTER (NSN 4940-00-919-8409)
AND
ONE ISO-2-1 MAINTENANCE SHELTER (NSN 5411-01-124-1377)

Reporting Errors and Recommending Improvements

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, Rock Island, IL 61299-6000. A reply will be furnished to you.

TABLE OF CONTENTS

		Paragraph	Page
Section I.	INTRODUCTION		
	General.....	1	1
	Warnings and Cautions.....	2	1
	Location of Equipment.....	3	1
Section II.	INSTALLATION IN 280 SHELTER		
	Installation	4	8
Section III.	INSTALLATION IN ISO-2-1 SHELTER		
	Installation	5	11

*This bulletin supersedes TB 9-4940-316-30, dated 29 January 1968.

LIST OF ILLUSTRATIONS

Figure	Title	Page
1	280 shelter, unit 1.....	14
2	Components to be mounted, floor plan, unit 1, 280.	15
3	Dimensions for blind rivet nut holes, floor plan, unit 1, 280.....	16
4	Components to be mounted, unit 1, 280, right side elevation... mounted on right side, unit 1, 280.....	17 18
5	Installation of cabinets and components to be	
6	Dimensions for front and rear brace angles, unit 1, 280.	19
7	Dimensions for bench top, shelf, and shelf support, unit 1, 280..	20
8	Dimensions for bench top, unit 1, 280.....	21
9	Components to be mounted, unit 1, 280, left side elevation...	22
10	Components for rack assemblies, unit 1, 280...	23
11	Dimensions for rack assembly angle members, unit 1, 280..	24
12	Dimensions for rack shelves, unit 1, 280..	25
13	ISO-2-1 shelter, unit 2...	26
14	Components to be mounted, floor plan, unit 2, ISO. plan, unit 2, ISO.....	27 28
15	Dimensions for blind rivet nuts in fixed floor	
16	Components to be mounted, unit 2, ISO, right side elevation..... right side wall.....	29 30
17	Hole dimensions for blind rivet nuts, unit 2, ISO,	
18	Components to be mounted, unit 2, ISO, left side elevation	31
19	Components to be mounted, unit 2, ISO, deployed mode	32
20	Dimensions for support angle-11021208, unit 2, ISO...	33
21	Dimensions for bench top-11021209, unit 2, ISO...	34
22	Dimensions for shielf-11021210, unit 2, ISO.....	35

Section I. INTRODUCTION

1. General

a. Instructions in this bulletin are in three sections. Section I contains general instructions, warnings and cautions, and location of equipment. Section II is a guide for installation of small equipment repair shop equipment (NSN 4940-00-209-6232) in one 280 maintenance shelter, unit 1 (NSN 4940-00-919-8409) (fig. 1). Section III is a guide for installation of small equipment repair shop equipment (NSN 4940-00-209-6232) in one ISO maintenance shelter, unit 2 (NSN 5411-01-124-1377) (fig. 13).

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

c. Complete lists of items contained in this shop are found in SC 4940-95-CL-A57.

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, fasteners, and hardware sizes are in inches.

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

2. Warnings and Cautions**WARNING**

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

CAUTION

Special care should be exercised during installation to avoid damage to electrical connectors, wiring, or electrical equipment.

CAUTION

To preserve its waterproof characteristics, precautions should be taken not to puncture the outer skin when drilling holes into walls and floors of the shelters.

The ISO shelter must be level prior to expanding the side. The expanded portion of ISO shelter must be level to allow wall, roof, and floor locks to engage. No equipment shall be moved onto expanded floor until ISO shelter is level.

3. Location of Equipment

a. Location of equipment installed or stowed in 280 shelter, unit1, is shown in figures 1 thru 12.

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

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

(3) Refer to table 5 for a list of items to be fabricated.

b. Location of equipment installed or stowed in ISO shelter, unit 2, is shown in figures 13 thru 22.

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

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

(3) Refer to table 6 for a list of items to be fabricated.

c. Refer to table 7 for standard conversion chart.