

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

SHOP EQUIPMENT, MACHINE SHOP,

ORGANIZATIONAL MAINTENANCE

(NSN 4940-00-209-6238)

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

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TABLE OF CONTENTS

			Paragraph	Page
Section	I	INTRODUCTION		
		General	1	
		Warnings and Cautions	2	1
		Location of Equipment	3	1
Section	II	INSTALLATION IN 280 SHELTER		
		Installation.....	4	13
Section	III	INSTALLATION IN ISO-2-1 SHELTER		
		Installation.....	5	17

*This bulletin supersedes TB 4-4940-321-30, 29 January 1968.

LIST OF ILLUSTRATIONS

Figure	Title	Page
1	280 shelter, unit 1.....	22
2	Components to be mounted, unit 1, 280, floor plan	23
3	Dimensions for blind rivet nut installation in floor, unit 1, 280.....	24
4	Components to be mounted, unit 1, 280, right side elevation	25
5	Components to be mounted, unit 1, 280, left side elevation	26
6	Location of relocated components of modified front panel assembly, unit 1, 280.....	27
7	Blind rivet nut installation in front end wall, unit 1, 280.....	28
8	Blind rivet nut installation in door end wall, unit 1, 280.....	29
9	Shelf support and table support angle installation on door end wall, unit 1, 280	30
10	Components to be mounted, door and front end elevations, unit 1, 280.....	31
11	Eyebolt installation, unit 1, 280.....	32
12	Dimensions for lathe mounting plate, 7551819, unit 1, 280	33
13	Dimensions for right and left wall angles, 7551820 and 7551821, unit 1, 280.....	34
14	Dimensions for left and right braces, 7551822 and 7551823, unit 1, 280.....	35
15	Dimensions for right side and left side table tops, 7551824 and 7551825, unit 1, 280.....	36
16	Dimensions for right side and left side table support angles, 7551826 and 7551827, unit 1, 280.....	37
17	Dimensions for rear right side and front right side bench supports, 7551828 and 7551830, unit 1, 280.....	38
18	Dimensions for rear left side and front left side bench supports, 7551829 and 7551831, unit 1, 280.....	39
19	Dimensions for shelf, 7551832, unit 1, 280	40
20	Dimensions for shelf support, 7551834, unit 1, 280.....	41
21	Strap loop location for MGDS attachment, unit 1, 280	42
22	ISO-2-1 shelter, unit 2	43
23	Components to be mounted, unit 2, ISO-2-1, floor plan.....	44
24	Dimensions for blind rivet nut installation in floor, unit 2, ISO-2-1	45
25	Components to be mounted, unit 2, ISO-2-1, right side elevation.....	46
26	Dimensions for blind rivet nut installation in right side wall, unit 2, ISO-2-1	47
27	Components to be mounted, unit 2, ISO-2-1, left side elevation.....	48
28	Dimensions for blind rivet nut installation in left side wall, unit 2, ISO-2-1.....	49
29	Dimensions for blind rivet nut installation in deployed left wall, unit 2, ISO-2-1	50
30	Location of blind rivet nuts and components, deployed floor, unit 2, ISO-2-1.....	51
31	Dimensions for lathe mounting plate, 11021199, unit 2, ISO-2-1	52
32	Dimensions for table top, 11021200, unit 2, ISO-2-1	53

LIST OF ILLUSTRATIONS--Continued

Figure	Title	Page
33	Dimensions for shelf, 11021201, unit 2, ISO-2-1	54
34	Dimensions for shelf, 11021202, unit 2, ISO-2-1	55
35	Dimensions for support angle, 11021208, unit 2, ISO-2-1	56
36	Dimensions for cabinet roller base assembly, 11021203, unit 2, ISO-2-1	57
37	Dimensions for angles, 11021203-2 and 11021203-3, unit 2, ISO-2-1	58
38	Dimensions for angle, gusset, and spacer, 11021203-1, 11021203-4, and 11021203-6, unit 2, ISO-2-1	59
39	Dimensions for pad assembly, 11021203-5, unit 2, ISO-2-1	60
40	Dimensions for wheel, axle, and bearing, 11021204, 11021205, and 11021214, unit 2, ISO-2-1	61
41	Dimensions for insert, 11021215, unit 2, ISO-2-1	62
42	Location of power distribution panel, unit 1, 280	63
43	Electrical installation, unit 1, 280	64
44	Wiring diagram, 7551836, unit 1, 280	65
45	Dimensions for flexible cord, unit 1, 280	66
46	Flexible cord installation, unit 1, 280	67

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Section I. INTRODUCTION

1. General

a. The instructions contained in this bulletin are in three sections. Section I contains the introduction, warnings and cautions, and general instructions. Section II is a guide for installation of machine shop equipment (NSN 4940-00-209-6238) in one 280 shelter, unit 1 (NSN 4940-00-9198409) (fig. 1). Section III is a guide for installation of machine shop equipment (NSN 4940-00-209-6238) in one ISO-2-1 shelter, unit 2 (NSN 5411-01124-1377) (fig. 22).

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

c. Complete list of items contained in this shop is found in SC 4940-95-CLA62.

d. Personnel performing this installation should have practical knowledge of electricity.

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

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

g. When entering shop, curbside is at right and roadside is at left.

h. Level ISO-2-1 shelter before expanding sides.

2. Warnings and Cautions

WARNING

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

CAUTION

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

To preserve waterproof characteristics, precautions should be taken not to puncture the outer skin when drilling holes in walls or floor of shop. Coat underside of vehicle body with coating compound (UNDERCOATING TT-C-520, NSN 803000-221-1834) where mounting hardware projects through floor.

Unit 2, ISO-2-1 shelter, must be level prior to expanding the sides. The expanded portion of the shelter must be level to allow wall, roof, and floor locks to engage. No equipment will be moved onto expanded floor until shelter is level.

3. Location of Equipment

a. Location of equipment to be installed or stowed in the 280 shelter is referenced in figures 2 thru 21 and 42 thru 46.

(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 electrical components to be mounted.

(4) Refer to table 6 for components to be fabricated.