

TECHNICAL MANUAL

**OPERATOR, ORGANIZATIONAL, DIRECT SUPPORT,
AND GENERAL SUPPORT MAINTENANCE MANUAL
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST)**

FOR

ADMINISTRATIVE CONTROL

CENTRAL

AN/TSQ-79

NSN 5811-00-937-8707

This publication is not available through AG Publications Center.
Requisition through Commander, US Army Electronics Materiel
Readiness Activity, Vint Hill Farms Station, Warrenton, VA 22186.

**HEADQUARTERS, DEPARTMENT OF THE ARMY
JANUARY 1981**

WARNING

BE EXTREMELY CAREFUL

when performing troubleshooting procedures; dangerous voltages are present in the equipment.

READ AND OBSERVE

the referenced warnings contained herein and in the technical manuals provided for the system components.

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**HEADQUARTERS, DEPARTMENT OF THE ARMY
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FOR

**ADMINISTRATIVE CONTROL CENTRAL AN/TSQ-79
NSN 5811-00-937-8707**

Current as of 27 August 1979

REPORTING OF ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in back of this manual direct to: Commander, US Army Electronics Materiel Readiness Activity, ATTN: SELEM-ME-E, Vint Hill Farms Station, Warrenton, Virginia 22186. A reply will be furnished to you.

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*This manual supersedes TM 324940-202-14, 10 March 1977, TM 324940-202-15P, 22 November 1973, and TM 32-4940-202-ECS, September 1977.

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SAFETY SUMMARY

The following are general precautions that are not related to any specific procedures and therefore do not appear elsewhere in this publication. These are recommended precautions that personnel must understand and apply during many phases of operation and maintenance.

KEEP AWAY FROM LIVE CIRCUITS

Operating personnel must at all times observe all safety precautions. Do not replace components nor make adjustments inside the equipment with the high voltage supply turned on. Under certain conditions, dangerous potentials may exist when the power control is in the off position, due to charges retained by capacitors. To avoid casualties, always remove power and discharge and ground a circuit before touching it.

DO NOT SERVICE OR ADJUST ALONE

Under no circumstances should any person reach into or enter the enclosure for the purpose for servicing or adjusting the equipment except in the presence of someone who is capable of rendering aid.

RESUSCITATION

Personnel working near or with high voltages should be familiar with modern methods of resuscitation.

The following warnings and cautions appear in the text of this publication and are repeated here for emphasis.

WARNING

The fumes of trichloroethane are toxic. Provide thorough ventilation whenever used. DO NOT USE NEAR HEAT OR OPEN FLAME. Trichloroethane is not flammable but exposure of the fumes to an open flame or hot metal forms highly toxic phosgene gas. (Pages 4-1, 4-5, 56)

WARNING

Be extremely careful when performing the troubleshooting procedures; dangerous voltages are present in the equipment. (Pages 44, 5-5)

WARNING

Dangerous voltages are present in this equipment. Turn off all power and disconnect power plugs before proceeding with removal of any powered equipment. (Page 7-1)

CAUTION

Do not paint labels, knobs, or the interior of equipment. (Page 5-1)

CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1 SCOPE. This manual provides operator/crew, organizational, direct support, and general support instructions for the installation and maintenance of Administrative Control Central AN/TSQ-79 (figure 1-1). A repair parts and special tools list is also included.

1-2 MAINTENANCE FORM AND RECORDS. Department of the Army forms and procedures used for equipment maintenance will be those prescribed by TM 38-750, The Army Maintenance Management System (TAMMS).

1-3 DESTRUCTION OF ARMY MATERIEL TO PREVENT ENEMY USE. The AN/TSQ-79 will be destroyed to prevent enemy use in accordance with instructions provided in TM 750-244-2, Procedures for Destruction of Electronic Materiel to Prevent Enemy Use (Electronics Command).

1-4 ADMINISTRATIVE STORAGE. Administrative storage will be in accordance with instructions provided in TM 740-90-1, Administrative Storage of Equipment.

1-5 CALIBRATION. No calibration of the equipment in this group is required.

1-6 REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR's). If your AN/TSQ-79 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. Tell us why a procedure is hard to perform. Put it on an SF 368 (Quality Deficiency Report). Mail it to us at US Army Electronics Materiel Readiness Activity, ATTN: SELEM-ME-F, Vint Hill Farms Station, Warrenton, Virginia 22186. We'll send you a reply.

Section II. DESCRIPTION AND DATA

1-7 PURPOSE AND USE.

a. The Administrative Control Central AN/TSQ-79 (figure 1-1) is a portable administrative office facility.

This central will accommodate three persons, including the watch officer and one or two clerks as required. Individual work stations, bulletin boards, a safe, and storage facilities are provided to make this central a self-contained administrative unit.

b. The central is primarily intended for operation as part of an Operational Unit, Transportable System (OUTS).

Mobility, electric power, and environmental control are provided by Operations and Electrical Facility, Mobile AN/MSA-34.

1-8 DESCRIPTION OF CENTRAL. Refer to figure 1-1.

The central consists of a completely furnished office facility. The central is equipped with three similar corner consoles, each consisting of storage cabinets, a tack

board, and a work surface. The other corner of the central is occupied by a cabinet safe which has six document drawers.

Two bulletin board assemblies are mounted on each side wall of the central. A rotary chair with tiedown assembly is provided at each of the three work positions.

1-9 DESCRIPTION OF COMPONENTS.

a. Electrical Equipment Shelter S-389/MSA-34 (Modified). Refer to figure 1-2. The central is housed in a standard shelter that has been modified for installation of components. Modification includes installation of cable access assembly and the necessary hardware for the installation of corner consoles, a cabinet safe, bulletin board assemblies, a clock, a telephone pass through junction box, and chair tiedown sockets. As a part of the modification, standard electrical ducts are replaced with special electrical ducts.

b. Corner Console. Refer to figure 1-3. Each corner console consists of a base and air duct, lower cabinet, work surface, tack board, electrical duct extension, work

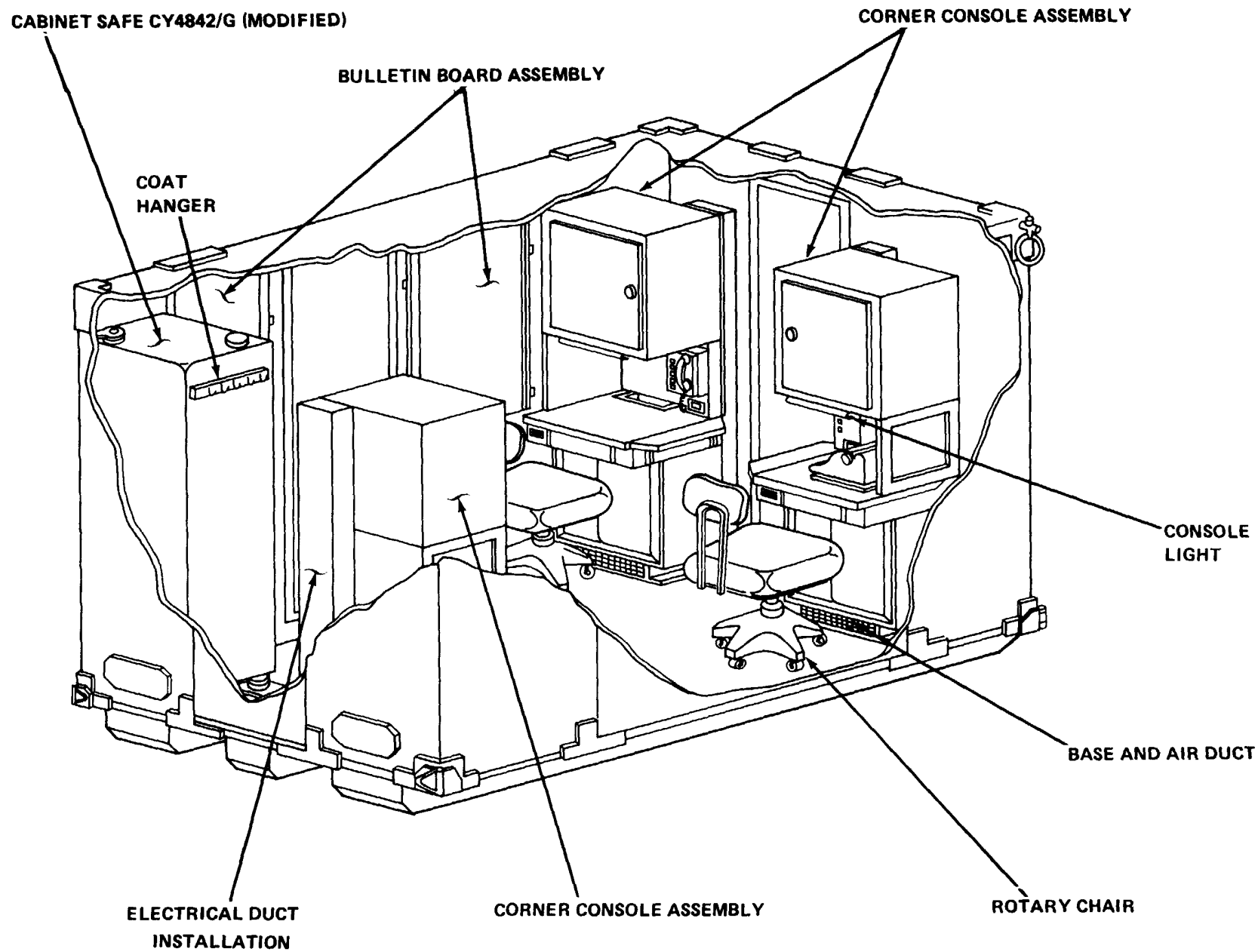


Figure 1-1. Administrative Control Central AN/TSQ-79
1-2

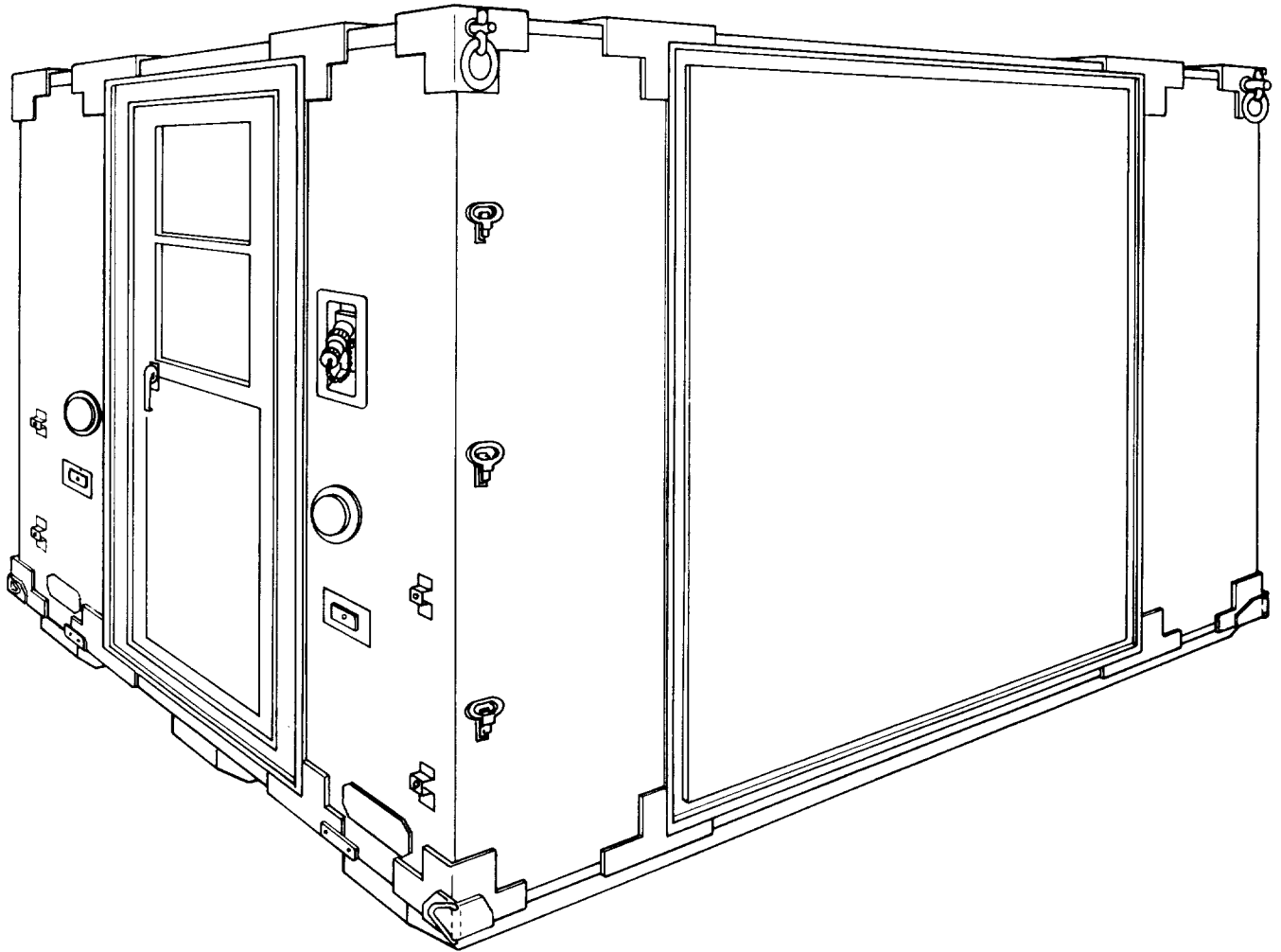


Figure 1-2. Electrical Equipment Shelter, S-389/MSA-34 (Modified)

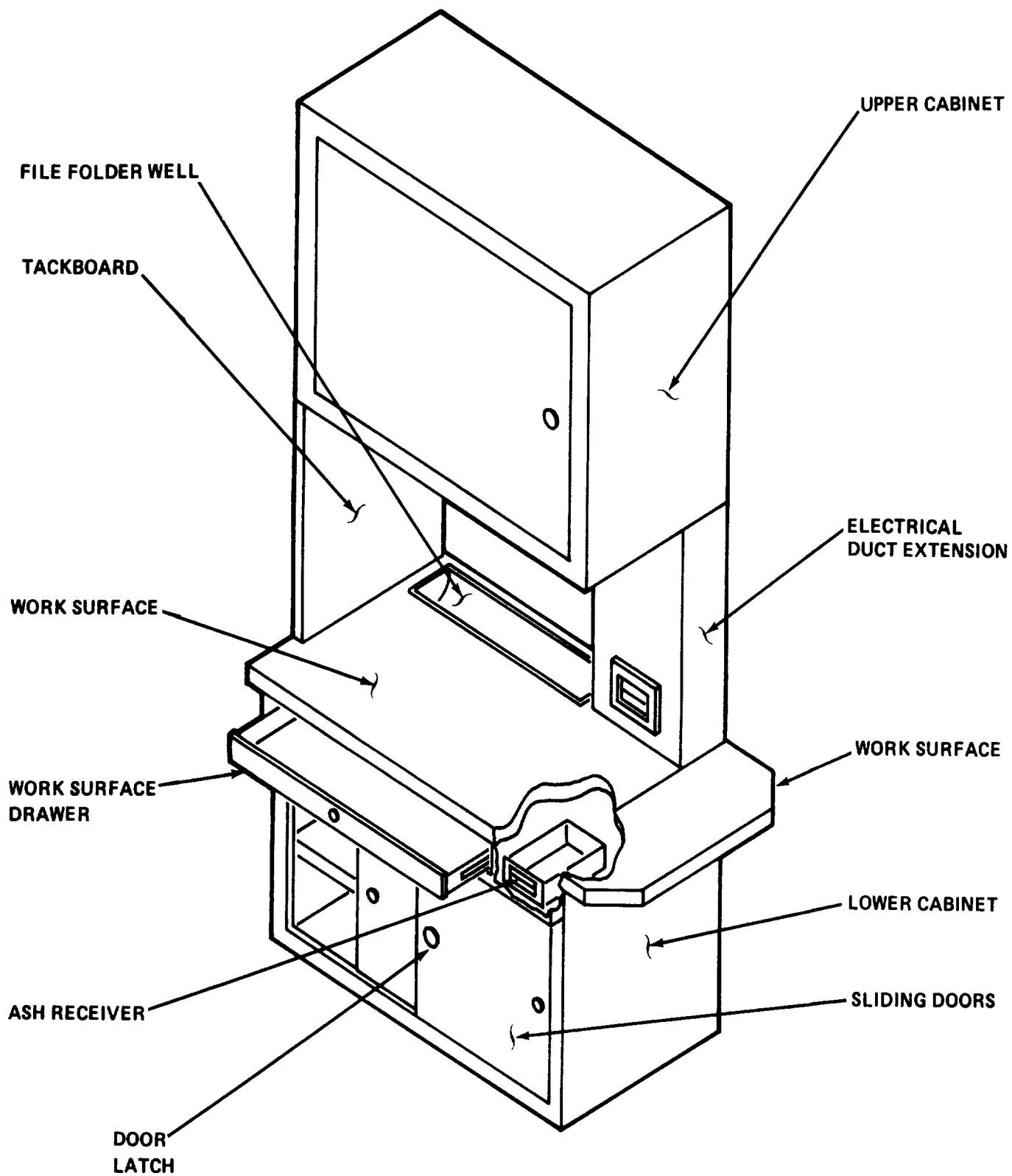


Figure 1-3. Comer Console Assembly

surface extension, upper cabinet, and a console light. The individual components of a corner console are described below:

(1) *Base and Air Duct*. Refer to figure 1-1. A base and air duct assembly is provided below the lower cabinet.

This base and air duct assembly provides support for the corner console and also serves as an air register. It routes air from the duct under the console to the middle of the central.

(2) *Lower Cabinet*. Refer to figure 1-3. The lower cabinet is a shelf-type cabinet with a pair of sliding doors. For normal operation, a finger pull is provided on the far side of each door. A sliding door latch is located on the right door for the purpose of preventing door movement during transit. Behind the doors is a shelf assembly which is adjustable to six different positions. The shelf has two spring-loaded plungers, one on either side of the shelf.

Two corner brackets are provided at the rear of the cabinet with slots at each position. Two hat sections are provided, one on each side with holes for the different positions, to serve as the front shelf support. There is an access panel to the electrical duct in the rear of the lower cabinet.

(3) *Work Surface*. Refer to figure 1-3. A plastic covered work surface assembly is positioned on top of and extends over the lower cabinet assembly. Below the work surface is a drawer that has slide stops which prevent accidental removal of the drawer. A file folder well is located at the rear of the work surface. An ash receiver is provided next to the drawer. The corner console, opposite the safe, has a removable equipment tray mounted on the surface. This tray serves as a mount for the typewriter.

(4) *Work Surface Extension*. Refer to figure 1-3. A plastic covered work surface extension is bolted to the side of each work surface.

(5) *Tack Board*. Refer to figure 1-3. An "ell-" shaped tack board is mounted in the corner of the corner console between the upper cabinet and the work surface.

(6) *Electrical Duct Extension*. Refer to figure 1-3. An electrical duct extension is mounted between the work surface and the upper cabinet of each console. Two convenience receptacles, a telephone receptacle, and a blackout receptacle are provided with each duct. Some ducts also have provisions for a blackout circuit switch, circuit breakers, and telephone mounting panels.

(7) *Upper Cabinet*. Refer to figure 1-3. The upper cabinet is a hinged door-type shelf cabinet with one adjustable shelf having a total of five positions.

(8) *Console Light*. Refer to figure 1-1. There is a console light mounted under the upper cabinet of the corner console. This light is a 15-watt, 12-inch fluorescent lamp with a push-button switch and a reflector shade.

c. *Cabinet Safe*. Refer to figure 1-1. A cabinet safe is located in one corner of the central. The safe provides storage capabilities for use within the central.

It has six document drawers behind a door which has a combination lock for security purposes. The door slides into the cabinet safe enclosure after it has been opened.

d. *Rotary Chair*. Refer to figure 1-1. Three rotary chairs are provided in the central. Each chair is provided with a tiedown assembly which is directly beneath the centerpost of the chair. The tiedown assembly locks into a keyslotshaped socket when the central is to be transported.

e. *Coat Hanger*. Refer to figure 1-1. The coat hanger is mounted to the side of the cabinet safe.

f. *Bulletin Board Assembly*. Refer to figure 1-1. Two bulletin board assemblies are mounted on each side wall of the central. Their approximate dimensions are 27 by 42 inches.

g. *Remote Display, Digital Clock*. Refer to figure 1-4. The remote display is mounted to a bracket. This bracket is mounted to the ceiling over the corner console opposite the cabinet safe. It requires pulses from the master clock in the radio maintenance central (shelter no. 5 of the OUTS complex) for operation.

h. *Electrical Duct Installation*. Refer to figure 1-1. Three special electrical ducts in the central are located behind each corner console and extend from the floor to the top of the corner console. Each duct has an opening with a gasket against which the electrical duct extension fits; each duct has a side access plate. The three special electrical ducts have neoprene flaps on the top of the duct. One of the ducts has the wires for the clock passing through the flaps. The flaps are not used in the other two ducts. There is a standard electrical duct behind the cabinet safe.

i. *Cabinet Safe Brackets*. Two cabinet safe brackets are used to hold the top of the cabinet safe to the walls of the central. One bracket holds the safe to the end wall, and one holds the safe to the side wall.

j. *Console Stabilizer Brackets*. Two types of console stabilizer brackets (rear and side) are used in the central. The rear brackets hold the top of the corner consoles to the central's end walls. The side brackets hold the top of the corner consoles to the central's side walls.

k. *Telephone TA-676()/G*. Refer to figure 1-5. A telephone set TA-676()/G is mounted on the electrical duct extension of the corner console opposite the safe. It is part of an intercom system in an OUTS complex and requires a switchboard for operation. The telephone connection passes through the end wall of the central opposite the cabinet safe. Power is supplied to the telephone by a receptacle on the electrical duct extension.

l. *Telephone TA-312()/PT*. Refer to figure 1-6. A telephone set TA-312()/PT is mounted on the electrical duct extension of the corner console, on the cabinet

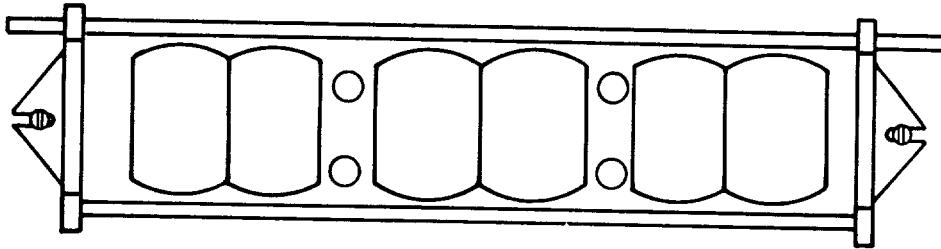


Figure 1-4. Remote Display, Digital Clock

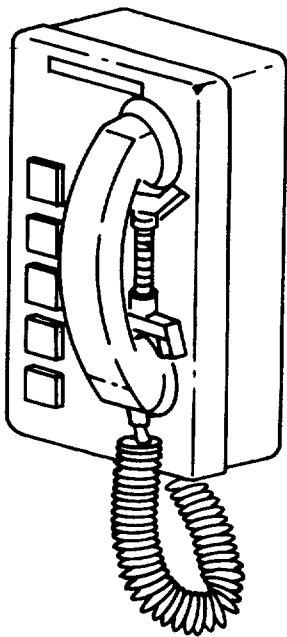


Figure 1-5. Telephone TA-676()/G

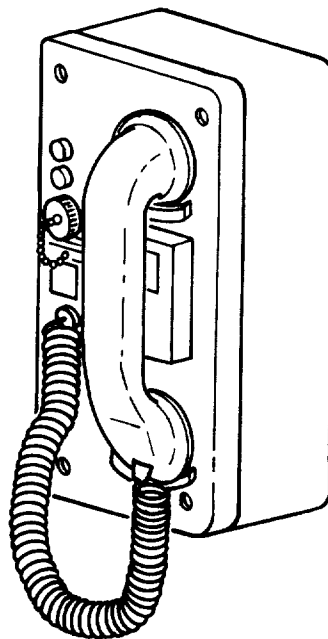


Figure 1-6. Telephone TA-312()/PT

safe end of the central. The telephone is connected to an external telephone junction box also on the cabinet safe end of the central. The telephone uses internal batteries for its power. This is a field telephone and the external wires of the junction box may be connected to either another shelter or an additional field telephone.

1-10 SYSTEM APPLICATION. When the central is used as an individual unit it is limited to use as office space for administrative control. In this application it is dependent upon the following auxiliary equipment:

- Air Conditioner
- Electrical Generator
- Air Conditioner
- Mounting Kit Ground Rod Kit

When the central is used with other equipment housed in similar shelters, it is normally used as the Watch

Officer's station. It is dependent on support from the other shelters for standby electrical power and air conditioning.

1-11 TABULATED DATA.

Power source requirements..... 208 Vac, 60 Hz,
3phase, 4-wire, 3
kW.

1-12 ITEMS COMPRISING AN OPERABLE EQUIPMENT.

The items comprising an operable administrative control central are listed in table 1-1.

Table 1-1. Items Comprising an Operable Administrative Control Central AN/TSQ-79

NSN	Item	Quantity	Height (in.)	Depth (in.)	Width (in.)	Weight (lb)
	Electrical Equipment Shelter S-389/MSA-34 (modified)	1	86	88	144	3600
	Corner console assembly	3				
	Upper cabinet assembly	2				
	Lower cabinet assembly	3				
	Sliding door assembly	3				
	Work surface assembly	2				
	Electrical Duct Extension Assembly TA-3 12()/PT	1				
	Electrical Duct Extension Assembly TA-676()/G	1				
	Telephone mounting panel assembly TA-312()/PT	1				
	Telephone mounting panel assembly TA-676()/G	1				
	Light unit assembly	2				

Table 1-1. Items Comprising an Operable Administrative Control Central AN/TSQ-79 --Continued

NSN	Item	Quantity	Height (in.)	Depth (in.)	Width (in.)	Weight (lb)
	Electrical duct installation	2				
	Base and air duct assembly	3				
	Work surface extension assembly	3				
	Tack board assembly	3				
	Upper cabinet assembly	1				
	Work surface assembly	1				
	Electrical duct extension assembly	1				
	Light unit assembly	1				
	Electrical duct installation assembly	1				
	Equipment tray assembly	1				
	Chair assembly w/tiedown	3				
	Bulletin board assembly	4				
	Cabinet Safe CY 4842/G (modified)	1				
7125-00-952-9091	Document Drawer MX-7197()/G	4				
	Document Drawer MX-7197 (modified)/G	2				
	Digital clock remote display	1				
	Cabinet safe stabilizer brackets	1				
	Corner console stabilizer brackets	1				
5805-00-945-8549	Telephone Set TA-676()/G	1				
5805-00-543-0012	Telephone Set TA-312()/PT	1				

Table 1-1. Items Comprising an Operable Administrative Control Central AN/TSQ-79 Continued

NSN	Item	Quantity	Height (in.)	Depth (in.)	Width (in.)	Weight (lb)
	Coat hanger	1				
7430-00-634-5062	Typewriter	1				
7520-00-162-6178	Pencil sharpener	1				
6545-00-922-1200	First aid kit	1				
7520-00-224-7589	Two-hole perforator	1				
7520-00-163-2568	Three-hole perforator	1				
7520-00-285-7591	Stapler	1				
7520-00-162-7111	Numbering machine	1				

CHAPTER 2

SERVICE UPON RECEIPT AND INSTALLATION

NOTE

The following installation procedure must be made with the assistance of direct and general support or higher level maintenance personnel.

Section I. SYSTEMS PLANNING

2-1 SYSTEMS PLANNING. The central can be installed in many modes. These include a prepared ground site, a 2-1/2 ton or larger truck, or mounted on a trailer with similar shelters. In any of these modes, the

site size and terrain must accommodate the auxiliary equipment required for operation of the central.

Section II. SITE AND SHELTER REQUIREMENTS

2-2 SITING. Select a site as level as possible and with natural drainage. Consider vehicle accessibility when the central is truck-mounted or when the installation is to be maintained by ground supply transport. Take

advantage of natural conditions in the area. Select a site protected from prevailing winds, such as near a stand of trees.

Section III. SERVICE UPON RECEIPT OF MATERIEL

2-3 UNPACKING. Remove all tape from around the openings and open the central to air it out.

accordance with paragraph 1-2. The equipment should be placed in service even though a minor assembly or part that does not affect proper functioning is missing.

2-4 CHECKING UNPACKED EQUIPMENT.

a. Inspect the equipment for damage incurred during shipment. If the equipment has been damaged, report the damage on SF Form 364 (paragraph 1-2).

c. Check to see whether the equipment has been modified. (Equipment which has been modified will have the MWO number on the front panel near the nomenclature plate.) Check also to see whether all currently applicable MWO's have been applied. (Current MWO's applicable to the equipment are listed in DA PAM 310-7 as applicable.)

b. Check the equipment against the component listing in the operator's manual and the packing slip to see if the shipment is complete. Report all discrepancies in

Section IV. INSTALLATION INSTRUCTIONS

2-5 TOOLS, TEST EQUIPMENT, AND MATERIALS REQUIRED FOR INSTALLATION.

a. All components comprising the central are installed or fitted for mobility tiedown. No special installation tools are required.

b. Refer to the technical manual TM 32-9999-200-15-1 for Operations and Electrical Facility, Mobile AN/MSA34 for tools to install the central on vehicles.

2-6 INSTALLATION AND INTERCONNECTIONS.

Installation of the central is limited to ground or vehicle mounting. To connect the auxiliary equipment required for operation (paragraph 1-10) refer to TM 32-5410-21714&P Electrical Equipment Shelter S-389/MSA-34. When used as part of an OUTS System refer to TM 32-9999-20015-1, Operation and Electrical Facility, Mobile, AN/MSA34.

Section V. PRELIMINARY ADJUSTMENT OF EQUIPMENT

2-7 EXTENT OF PRELIMINARY CHECKS AND ADJUSTMENT. Instructions for preparing the central are as follows:

a. Chairs. Refer to figure 2-1. Each chair is fitted with a spring-loaded tiedown assembly at the base of the seat adjustment. This assembly mates with a keyslot-shaped socket in the shelter floor. The chair's height adjustment screw has been turned to raise the seat stem, thereby tightening the chair to a stationary position. Release each chair as follows:

(1) Loosen seat height adjustment screw until chair swivels freely.

(2) Press floor socket cover and pull tiedown assembly out of keyslot until it clears floor and springs up into socket well.

(3) Release floor socket cover and pull tiedown assembly out of keyslot until it clears floor.

b. Work Surface Drawer. Refer to figure 1-3. The drawer on the work surface of each corner console is provided with a key-operated lock. Unlock each drawer with the key provided.

c. Sliding Doors. Refer to figure 1-3. The lower cabinet of each console has a sliding door assembly which has a door latch for the purpose of preventing door movement during transit. Instructions for releasing the door latch for normal use are as follows:

(1) Turn black knob located at center of doors counterclockwise until it hits stop.

(2) Pull knob outward and slide doors open.

d. Equipment Tray. The equipment tray is secured to the corner console opposite the safe.

(1) To release equipment tray for operation, turn the two knurled fasteners (figure 2-2) counterclockwise until the release springs are unlocked and the fasteners are up and free-turning.

(2) To mount typewriter to equipment tray, remove typewriter mounting hardware from feet of typewriter.

Using same hardware, fasten typewriter to tray with screws going from bottom of tray up through feet of typewriter.

Section VI. INSTALLATION AND CIRCUIT LINEUP

Not applicable

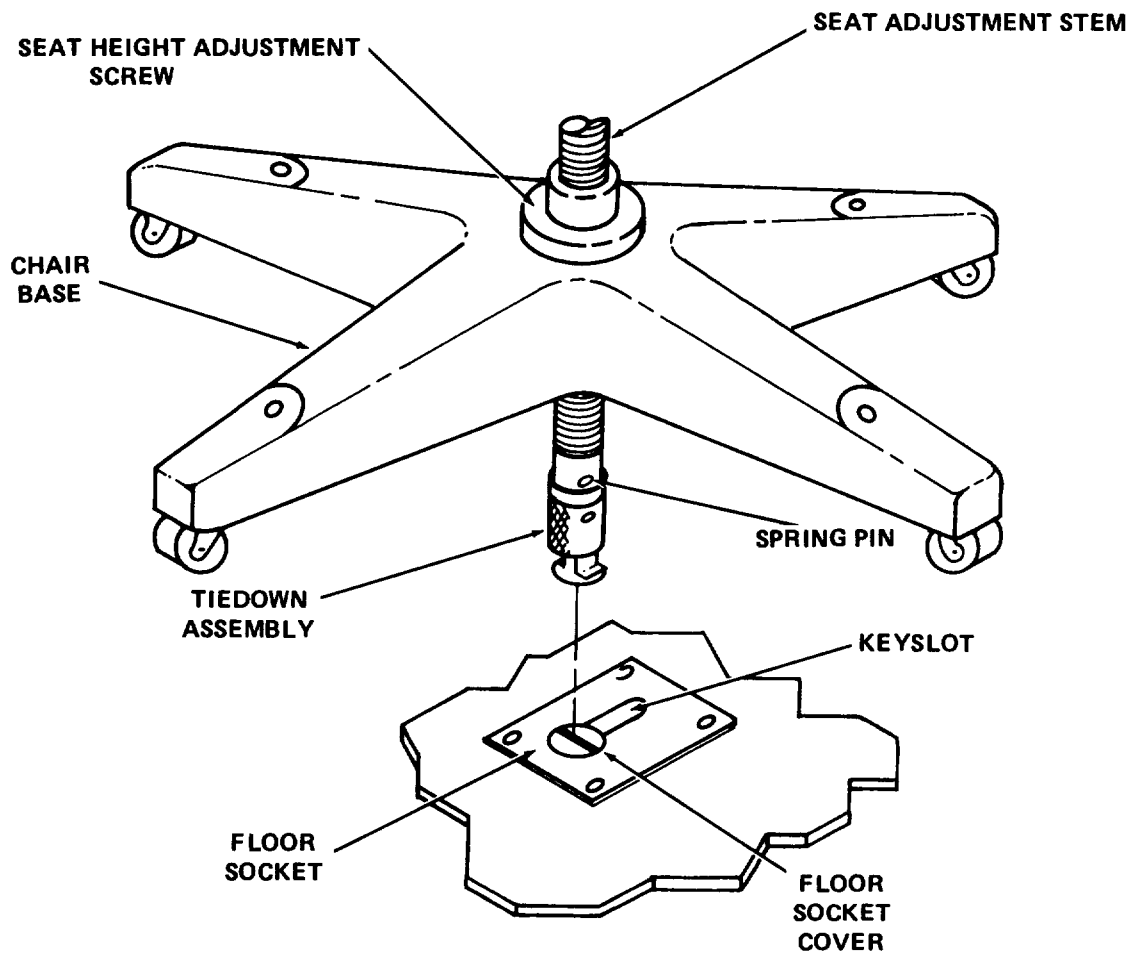


Figure 2-1. Chair Tiedown

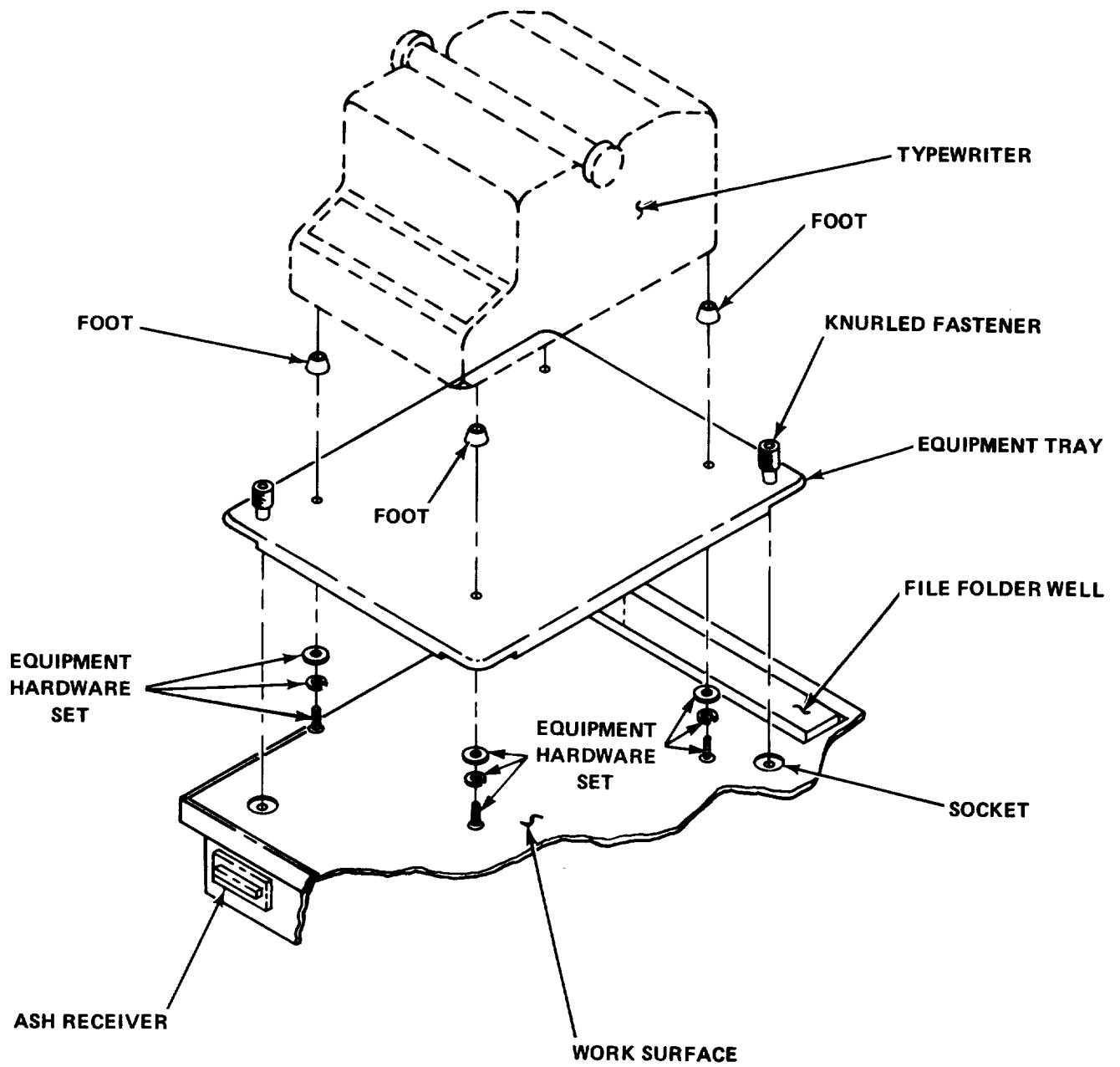


Figure 2-2. Equipment Tray Installation

CHAPTER 3

OPERATING INSTRUCTIONS

Section. I. OPERATION UNDER USUAL CONDITIONS

3-1 OPERATING PROCEDURES. Overall control and operation of the central is determined by the using organization. Refer to local directives for overall operation.

Operation of the equipment within the central is described in the following paragraphs.

3-2 OPERATION OF COMPONENTS.

Components having operating capabilities are listed in table 3-1. For operating procedures, refer to the technical manual for each component listed in Appendix A.

Table 3-1. Operating Components

Component name	Nomenclature
Electrical equipment shelter	S-389/MSA-34
Telephone	TA-676()/G
Telephone	TA-312()PT
Digital clock, remote display	Remote display 6NR, digital clock

Section II. OPERATION UNDER UNUSUAL CONDITIONS

3-3 GENERAL. It may be necessary to operate the central under abnormal conditions where extreme cold, heat, humidity, moisture, or sand conditions prevail. When equipped with external air conditioning, the shelter will protect personnel and materiel in temperatures ranging from 30°F to + 120°F. Instructions for minimizing the effect of these unusual operating conditions are as follows:

a. Operation in Arctic Climates. The temperatures and climatic conditions associated with subzero weather affect the operation of the equipment. Handle the equipment carefully. Parts, especially plastics and wire insulation, become brittle at these temperatures. Keep equipment as warm and dry as possible. When possible, keep equipment operating so it remains warm. Place a blanket or some other barrier as a curtain between equipment and the shelter entrance. This reduces heat loss and reduces the danger of a cold draft striking heated elements in equipment. When equipment is exposed to cold air, moisture will condense on it. Dry the equipment thoroughly.

b. Operation in Tropical Climates. When the equipment is operated in warm, damp climates, moisture conditions are acute. Poor ventilation and high humidity may cause condensation on equipment. Dry the equipment thoroughly at the first signs of moisture.

c. Operation in Desert Climates. The main problem in desert operation is large amounts of sand, dust, and dirt entering components of the equipment. To make the shelter as dustproof as possible, hang wet sacking over doors to cut down on sand entering when the doors are used. Do not remove panel and chassis assemblies unless absolutely necessary. Clean assemblies thoroughly before replacing them. Keep equipment as free from dust as possible. Excessive amounts of dust, sand, or dirt that come in contact with oil and grease will result in grit that will damage moving parts.

3-4 OPERATION UNDER EMERGENCY CONDITIONS.

Overall operation of the central under emergency conditions is determined by the using organization. Refer to local directives for emergency operations.

3-5 EMERGENCY OPERATION OF COMPONENTS.

Components having operating capabilities are listed in table 3-1. For emergency operating procedures, refer to the technical manual for each component as listed in Appendix A.

Section III. PREPARATION FOR MOVEMENT

3-6 DISASSEMBLY OF EQUIPMENT. Disassembly of the central is limited to disconnecting all external connections from the equipment required for operation.

3-7 REPACKING FOR SHIPMENT. The central is a completely portable facility, and no special packaging or protection is required. Secure all loose equipment and install tiedowns as follows:

a. Chair Tiedown Installation (figure 2-1).

(1) Turn seat height adjusting screw on chair to lower tiedown assembly to approximately 1/8-inch above floor.

(2) Position chair over floor socket and align tiedown assembly with socket well cover and key slot. Grasp knurled sleeve on tiedown assembly and push assembly into socket well. Slide into key slot until socket cover well snaps back up, locking pin in socket.

(3) Tighten chair against floor by turning seat height adjustment screw to raise seat.

b. Work Surface Drawers. Refer to figure 1-3. Lock all console drawers with the keys provided.

c. Sliding Doors

(1) Close sliding doors. Refer to figure 1-3.

(2) Turn black knob at center of doors clockwise until it hits stop.

d. Equipment Tray. Refer to figure 2-2. Secure equipment tray to console work surface as follows:

(1) Position equipment tray on work surface.

(2) Press one knurled fastener and use extended screw pin as a locator for its socket.

(3) Hand tighten fastener in clockwise direction until tray is locked down.

(4) Repeat steps (2) and (3), above for other knurled fastener of equipment tray.

e. Cabinet Safe. Close and lock the door to the cabinet safe.

CHAPTER 4

OPERATOR/CREW MAINTENANCE INSTRUCTIONS

Section I. TOOLS AND EQUIPMENT

4-1 TOOLS AND EQUIPMENT. Repair parts, tools, test equipment, and accessories issued with or authorized for use by the operator for the central are listed in the Basic Issue Items List, Appendix B of this manual.

4-2 SPECIAL TOOLS AND EQUIPMENT. No additional tools or equipment are authorized by the Table of Organization and Equipment (TOE).

4-3 MATERIALS. The materials required and authorized for operator/crew maintenance are listed in the Expendable Supplies and Materials List, Appendix F. Use of the materials is described in table 4-1 below.

Table 4-1. Operator/Crew Maintenance Materials Required

NSN	Item	Use
7920-00-356-4694	Bristle brush	Remove corrosion and other foreign matter from metal parts.
7930-00-634-1362	Detergent	Cleaning
9150-00-231-1362	General purpose oil	Lubrication
8305-00-222-2423	Lint-free cheesecloth	Clean metal parts.
6810-00-664-0387	Trichloroethane	Clean metal parts.

Section II. LUBRICATION INSTRUCTIONS

4-4 LUBRICATION. Apply general purpose lubricating oil (Item 4, Appendix F) to sliding and rotating parts listed below. For lubrication instructions of operating components, refer to the applicable technical manual as listed in Appendix A.

a. Apply a light film of oil (Item 4, Appendix F) to the chair seat adjustment screw and the chair tiedown pin sliding collar (figure 2-1).

b. Apply a light film of dry lubricant to all the drawer slides.

Section III. PREVENTIVE MAINTENANCE CHECKS AND SERVICES

4-5 GENERAL. Refer to table 4-2 for Operator/Crew Preventive Maintenance Checks and Services.

a. Before You Operate. Always keep in mind the CAUTIONS and WARNINGS. Perform your before (B) PMCS.

b. While You Operate. Always keep in mind the CAUTIONS and WARNINGS. Perform your during (D) PMCS.

c. After You Operate. Be sure to perform your after (A) PMCS.

d. If Your Equipment Fails To Operate. Troubleshoot with proper equipment. Report any deficiencies using the proper forms, see TM 38-750.

WARNING

The fumes of trichloroethane are toxic. Provide thorough ventilation whenever used. DO NOT USE NEAR HEAT OR OPEN FLAME. Trichloroethane is not flammable, but exposure of fumes to an open flame or hot metal forms highly toxic phosgene gas.

Table 4-2. Operator/Crew Preventive Maintenance Checks and Services

NOTE

If the equipment must be kept in continuous operation, check and service only those items that can be checked and serviced without disturbing operation. Make the complete checks and services when the equipment can be shut down.

B Before
D During

A After
W Weekly

M Monthly
C Combat Operability Check

ITEM NO	INTERVAL					C	Item to be inspected	Procedures	Equipment will be reported Not Ready (Red) if:
	B	D	A	W	M				
*1	*					*	EXTERIOR CABLE CONNECTOR	Remove grease, oil, and dirt from cable and connectors. Tighten all connections and remove all cable kinks and strains.	Cables are cut, worn, or broken.
2	*					*	INTERIOR POWER CABLES, WIRES	Tighten loose connections of all plugs and connectors. Remove all cable kinks and strains. Report to the higher level repairmen any cut, worn, or broken cables, wire, or transmission lines.	Cables are cut, worn, or broken.
*3	.					.	ALL EQUIPMENT	Use a clean cloth to remove dust, dirt, moisture, and grease from the exterior of cases, racks, mounts, transmission lines, headsets, and equipment front panel controls. If necessary, wet the cloth with cleaning compound and then wipe the parts with a dry clean cloth.	Equipment performs unsatisfactorily.

Table 4-2. Operator/Crew Preventive Maintenance Checks and Services - Continued

ITEM NO	INTERVAL					C	Item to be inspected	Procedures	Equipment will be reported Not Ready (Red) if:
	B	D	A	W	M				
								<p>Check to see that all equipment performs satisfactorily.</p> <p>In case of operational failure of any equipment or circuit, refer to the applicable technical manuals as listed in Appendix A.</p>	

*Cleaning of Administrative Control Central may be required more frequently when it is operated under unusual conditions.

Section IV. TROUBLESHOOTING

4-6 GENERAL.

a. Troubleshooting in this manual is limited to problems in the interconnection of components; refer to table 4-3. For troubleshooting operating equipment listed in table 3-1, refer to the applicable technical manual listed in Appendix A.

b. Any trouble that is beyond the scope of operator/ crew maintenance shall be referred to organizational maintenance.

WARNING

Be extremely careful when performing the troubleshooting procedures. Dangerous voltages are present in the equipment.

Table 4-3. Operator/Crew Troubleshooting Chart

MALFUNCTION

TEST OR INSPECTION

CORRECTIVE ACTION

ELECTRICAL

1. ALL EQUIPMENT INOPERATIVE.

Step 1. Check to see if circuit breaker is open.

If circuit breaker is open, reset.

Step 2. Check to see that external power source is connected to central. Trace power cable from the source to the central's power outlet.

Connect all plugs.

2. CONSOLE LAMP INOPERATIVE.

Step 1. Check to see if lamp is defective.

Replace lamp.

MECHANICAL

1. CHAIR TIEDOWN WILL NOT WORK CORRECTLY.

Step 1. Check for dirt in floor tiedown assembly.

Press socket cover, lock open, and clean out dirt with pick or wire.

Section V. MAINTENANCE OF ADMINISTRATIVE CONTROL CENTRAL AN/TSQ-79

4-7 CLEANING.

WARNING

The fumes of trichloroethane are toxic. Provide thorough ventilation whenever used. **DO NOT USE NEAR HEAT OR OPEN FLAME.** Trichloroethane is not flammable, but exposure of fumes to an open flame or hot metal forms highly toxic phosgene gas.

- a. Use a dry, clean, lint-free cloth (Item 3, Appendix F) or brush (Item 1, Appendix F) to remove dust and dirt.
- b. Moisten cloth or brush with trichloroethane (Item 5, Appendix F) to remove oil and grease.
- c. Wipe dry with a lint-free, dry cloth.

CHAPTER 5

ORGANIZATIONAL MAINTENANCE INSTRUCTIONS

Section I. TOOLS AND EQUIPMENT

5-1 TOOLS AND EQUIPMENT. All tools and equipment for organizational maintenance are listed in the Maintenance Allocation Chart, Appendix D. No special tools or equipment are allotted by the Repair Parts and Special Tools List in Appendix E.

5-2 MATERIALS. The materials required and authorized for organizational maintenance are listed in the Expendable Supplies and Materials List, Appendix F. Use of the materials is described in table 4-1.

Section II. REPAINTING AND REFINISHING INSTRUCTIONS

CAUTION

Do not paint labels, knobs, or the interior of equipment.

5-3 SURFACE PREPARATION. Remove rust and corrosion from metal surfaces. Refer to applicable cleaning and refinishing practices specified in TB 43-0118.

5-4 PAINT. Refer to Painting and Preservation Supplies Available for Field Use for Electronics Command Equipment, SB 11-573.

Section III. LUBRICATION INSTRUCTIONS

5-5 LUBRICATION. Apply general purpose lubricating oil (Item 4, Appendix F) to sliding and rotating parts. For lubrication instructions on operating components,

refer to applicable technical manual as listed in Appendix A.

Section IV. PREVENTIVE MAINTENANCE CHECKS AND SERVICES

5-6 GENERAL. Organizational maintenance consists of higher category preventive maintenance and replacement of authorized repair parts. Organizational maintenance is performed on a monthly and quarterly basis.

a. The PMCS provided in table 5-1 outline inspections to be made at the indicated intervals. They are designed to help maintain equipment in combat serviceable condition, and indicate what items are to be checked and how they should be checked.

b. Defects that cannot be corrected must be reported to higher level maintenance personnel. Records, reports of repair, and preventive maintenance must be made in accordance with procedures given in TM 38-750.

c. The Item Number Column shall be used as a source of item numbers for the TM Number Column on DA Form 2404, Equipment Inspection and Maintenance Worksheet, in recording results of PMCS.

Table 5-1. Organizational Preventive Maintenance Checks and Services

NOTE

If the equipment must be kept in continuous operation, check and service only those items that can be checked and serviced without disturbing operation. Make the complete checks and services when the equipment can be shut down.

Legend

W-weekly
M-Monthly

Q-Quarterly
S-Semiannually

A-Annually
B-Biennially

H-Hours
MI-Miles

Item No.	Interval						H	MI	Item To Be Inspected	Equipment is Not Procedures	Equipment will be Reported Not Read (Red) If:
	W	M	Q	S	A	B					
*1		*							POWER CABLES, CORDS, AND WIRES	<p>Tighten screws and clamps that secure wires to terminals.</p> <p>Repair insulation cuts and abrasions with electrical insulation tape.</p> <p>Clean metal plugs on patching cords, cables, etc.</p>	
2		.							EQUIPMENT MOUNTINGS	Tighten all loose bolts, nuts, screws, and clamps that secure equipment, racks, frames, shelves, braces, and mounting hardware. Replace missing bolts, nuts, etc.	
*3		*							EQUIPMENT PERFORMANCE	<p>Check out the operation of all equipment.</p> <p>Clean interior of corner console and cabinet safe to remove accumulated dust and dirt.</p> <p>Replace and/or repair any defective or inoperative parts.</p>	One or more pieces of equipment fails to operate.

*Cleaning of Administrative Control Central may be required more frequently when it is operated under unusual conditions.

Table 5-1. Organizational Preventive Maintenance Checks and Services - Continued

Item No.	Interval						H	MI	Item To Be Inspected	Equipment is Not Procedures	Equipment will be Reported Not Read (Red) If:
	W	M	Q	S	A	B					
4		*						INVENTORY	Inventory equipment; requisition any missing components or running spares.	One or more URGENT MWO's have not been applied.	
5		*						PUBLICATIONS	See that all publications are complete, serviceable, and current (including all current publication changes).		
6		*						MODIFICATIONS	Determine whether new applicable MWO's have been published. All URGENT MWO's must be applied immediately. All NORMAL MWO's must be scheduled.		
7		*						PRESERVATION	Check all surfaces for evidence of fungus.		
8		*						LOOSE COMPONENTS	Remove rust and corrosion; paint bare spots. Secure all components properly in equipment racks; inspect all cable terminal connections and connectors.		
9		.						POWER CABLES, CORDS AND WIRES	Dress all cables, wires, and cords neatly.		
10		.						CHAIR TIEDOWN	Repair or replace defective cables, cords, and wires.		
11		*						OPERATION	Inspect chair stem and floor socket; replace if defective.		
12		.						LUBRICATION	Check all components for normal operation.		
									Lubricate all components as required.		

Table 5-1. Organizational Preventive Maintenance Checks and Services- Continued

Item No.	Interval						H	MI	Item To Be Inspected	Equipment is Not Procedures	Equipment will be Reported Not Read (Red) If:
	W	M	Q	S	A	B					
13			*						ALL COMPONENTS	Use touch-up painting where paint is blistered, pitted, or flaking and on bare metal spots.	

Section V. TROUBLESHOOTING

5-7 GENERAL.

WARNING

a. Troubleshooting is limited to problems in the interconnection of components; refer to table 5-2. For troubleshooting operating equipment (table 3-1), refer to the applicable technical manual as listed in Appendix A.

Be extremely careful when performing the troubleshooting procedures. Dangerous voltages are present in the equipment.

b. Any trouble that is beyond the scope of organizational maintenance shall be referred to direct support maintenance.

Table 5-2. Organizational Troubleshooting Chart

MALFUNCTION

TEST OR INSPECTION

CORRECTIVE ACTION

ELECTRICAL POWER

1. ALL EQUIPMENT INOPERATIVE.

Step 1. Check to see if circuit breaker is open.

If circuit breaker is open, reset.

Step 2. Check to see that external power source is connected to central.

Trace power cable from the source to the central's power output; connect all plugs.

2. CONSOLE LAMP INOPERATIVE.

Step 1. Check to see if lamp is defective.

Replace lamp.

Step 2. Check to see if ballast is defective.

Replace ballast.

Step 3. Check for faulty wiring within light unit housing.

Check wiring. Repair or replace wire.

Step 4. Check to see if switch is defective.

Replace switch.

Step 5. Check to see if power source is open or disconnected.

Check wiring from source to light unit.

Table 5-2. Organizational Troubleshooting Chart - Continued

MALFUNCTION

TEST OR INSPECTION

CORRECTIVE ACTION

MECHANICAL

1. CHAIR TIEDOWN WILL NOT WORK CORRECTLY.

Step 1. Check for dirt in floor tiedown assembly.

Press socket cover, lock open, and clean out dirt with pick or wire.

Step 2. Check for bent or broken tiedown pin or chair.

Remove and replace pin.

Section VI. MAINTENANCE OF ADMINISTRATIVE CONTROL CENTRAL AN/TSQ-79

5-8 CLEANING.

WARNING

The fumes of trichloroethane are toxic. Provide thorough ventilation whenever used. **DO NOT USE NEAR HEAT OR OPEN FLAME.** Trichloroethane is not flammable, but exposure 5-6 of fumes to an open flame or hot metal forms highly toxic phosgene gas.

- a. Use a dry, clean, lint-free cloth (Item 3, Appendix F) or brush (Item 1, Appendix F) to remove dust and dirt.
- b. Moisten cloth or brush with trichloroethane (Item 5, Appendix F) to remove oil and grease.
- c. Wipe dry with a lint-free, dry cloth.

CHAPTER 6

FUNCTIONING OF EQUIPMENT

Section I. GENERAL

6-1 OVERALL FUNCTIONING. The overall functioning of the central is determined by the using organization. Refer to local directives.

6-2 FUNCTIONING OF COMPONENTS. Components having operating capabilities are listed in table 3-1. For functional analysis, refer to the technical manual for each component listed in Appendix A.

6-3 SYSTEMS FUNCTIONING. When used as part of Operational Unit, Transportable Systems (OUTS), refer to Operator's, Organizational, Direct Support and General Support Maintenance Manual (OUTS), TM 32-5811-021-14

CHAPTER 7

DIRECT AND GENERAL SUPPORT MAINTENANCE INSTRUCTIONS

Section I. GENERAL

7-1 GENERAL. The following sections provide direct support (DS) and general support (GS) troubleshooting, maintenance, and test instructions for the central. Maintenance beyond DS and GS, as authorized by the Maintenance Allocation Chart (MAC), shall be performed by depot level maintenance.

7-2 VOLTAGE AND RESISTANCE MEASUREMENTS.

No special voltage or resistance measurements are required

Section II. TOOLS AND EQUIPMENT

7-3 TOOLS AND EQUIPMENT.

a. Refer to Tool and Test Equipment Requirements as authorized by the Maintenance Allocation Chart (MAC), Appendix D.

b. No special tools or equipment are authorized by the Repair Parts and Special Tools List (RPSTL), Appendix E.

Section III. TROUBLESHOOTING

7-4 TROUBLESHOOTING PROCEDURES.

Troubleshooting of the central is normally performed at the operator/crew or organizational maintenance level. Troubleshooting at the DS and GS level is generally

limited to the individual items of equipment contained in the central and auxiliary equipment. For maintenance and repair of these components, refer to the applicable technical manual listed in Appendix A.

Section IV. MAINTENANCE OF ADMINISTRATIVE CONTROL CENTRAL ANTSQ-79

7-5 GENERAL. This section covers the removal and replacement of components within the central. Repair procedures are included except for those components with separate maintenance instructions. For repair of these components, refer to the applicable technical manual listed in Appendix A.

the lighting circuit breakers, blackout switch, blackout receptacle panel, and the power relay, refer to the Mobile Operations and Electrical Facility AN/MSA-34 Technical Manual.

The following procedures provide instructions for replacement of components not covered above. (Refer to figure 7-1.)

WARNING

Dangerous voltages are present in this equipment. Turn off all power and disconnect power plugs before proceeding with removal of any electrical powered equipment.

NOTE

Power is provided by the A phase circuit breaker to the convenience receptacles on the step end of the central. Power is provided by the B circuit breaker to the telephone receptacle. The C phase circuit breaker provides power to the receptacles on the end opposite the step.

7-6 REPLACEMENT OF ELECTRICAL DUCT EXTENSION COMPONENTS. For the replacement of

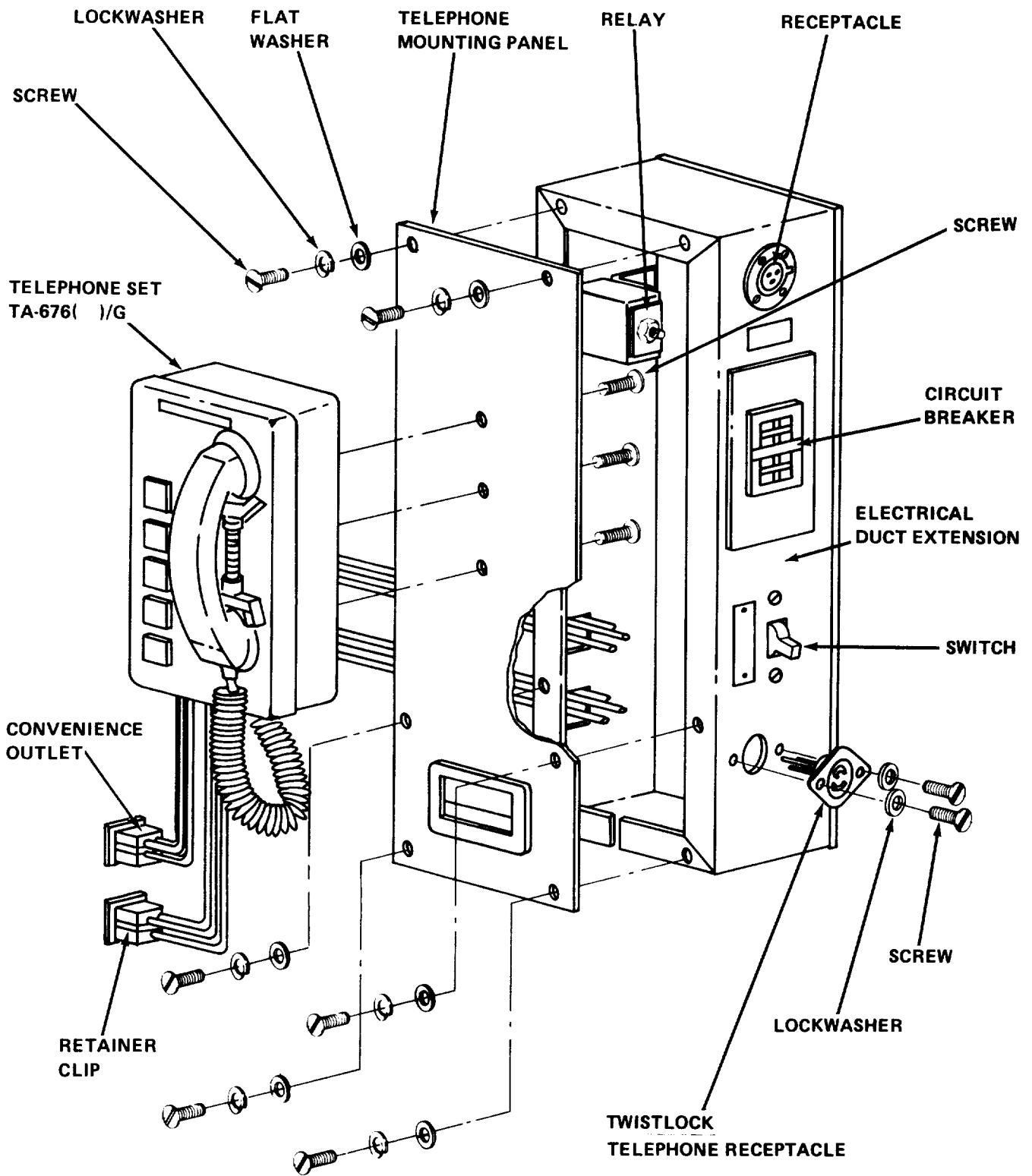


Figure 7-1. Electrical Duct Extension and Telephone TA -6 76()/G Mounting

a. *Telephone Receptacle*

- (1) Set applicable circuit breaker to OFF.
- (2) Remove two screws holding 2-wire twistlock telephone receptacle to duct extension.
- (3) Pull receptacle out of duct extension far enough to be able to work on.
- (4) Loosen the two terminal screws on back of new receptacle.
- (5) Loosen screw securing white wire to old receptacle.
 - (a) Remove white wire and connect to corresponding terminal on new receptacle.
 - (b) Tighten terminal screw.
- (6) Loosen screw securing green wire to old receptacle.
 - (a) Remove green wire and connect to corresponding terminal on new receptacle.
 - (b) Tighten terminal screw.
- (7) Position new receptacle in duct extension; fasten with hardware provided.
- (8) Reset applicable circuit breaker.

b. *Convenience Outlets*

- (1) Set applicable circuit breaker to OFF.
- (2) Remove six sets of hardware holding telephone mounting panel assembly to electrical duct extension.
- (3) Pull telephone mounting panel out and set it aside, as far as possible, without putting too much tension on telephone wires.
- (4) Press in sides of retainer clip using hard surfaced tool; pull convenience outlet away from duct extension as far as possible without putting too much tension on wires.
- (5) Cut one wire of convenience outlet and connect corresponding wire of new outlet to its corresponding duct wire using a solderless butt connector.
- (6) Repeat step (5) for the two remaining outlet wires.
- (7) Fit new convenience outlet into hole in duct extension and snap outlet in place.
- (8) Insert the telephone mounting panel back into place; secure with the six sets of hardware.
- (9) Set applicable circuit breaker to ON.

7-7 REPLACEMENT OF UPPER AND LOWER CABINET COMPONENTS. The following procedures

provide instructions for replacement of upper and lower cabinet components. Figure 7-2 illustrates the cabinets.

a. *Spring Loaded Plunger*

- (1) Open cabinet door; remove shelf having defective plunger by pulling both plungers out of cabinet's holes and sliding shelf out of cabinet.
- (2) Grasp plunger knob and pin using two pair of pliers.
- (3) Pull knob and pin apart while flexing knob a few degrees.
- (4) Remove and discard knob, pin, and spring.

NOTE

If old standoff is not damaged, do not perform step (5) or (6); proceed with step (7).

- (5) Remove standoff from pin side of shelf using 7/16-inch drill.
- (6) Install new standoff through hole in shelf. Using a flaring tool and backup tool, flare end of standoff. (A 3/4-inch diameter ball bearing will serve as a flaring tool.) (7) Insert new spring into end of standoff.

NOTE

Maintain knob and pin on axis with each other to ensure proper fit.

(8) Install new pin and knob into standoff. While holding knob and pin on axis, press them together with a bench vise.

b. *Pawl Fastener*

- (1) Open cabinet door.
- (2) Remove knob cap. Refer to figure 7-3.
- (3) Remove knob mounting screw, lock washer, and flat washer.
- (4) Remove the two assembly hardware sets.
- (5) Remove fastener housing from inside of door.
- (6) Insert new fastener housing; install the two assembly hardware sets.
- (7) Install knob with mounting screw, lock washer, and flat washer.
- (8) Install knob cap.
- (9) Close cabinet door.

c. *Ash Receiver.* Remove ash receiver by sliding it out from the work surface while pressing down on the holding latch. Replace with new ash receiver.

7-8 REPLACEMENT OF CONSOLE LIGHT COMPONENTS. The following procedures provide instructions

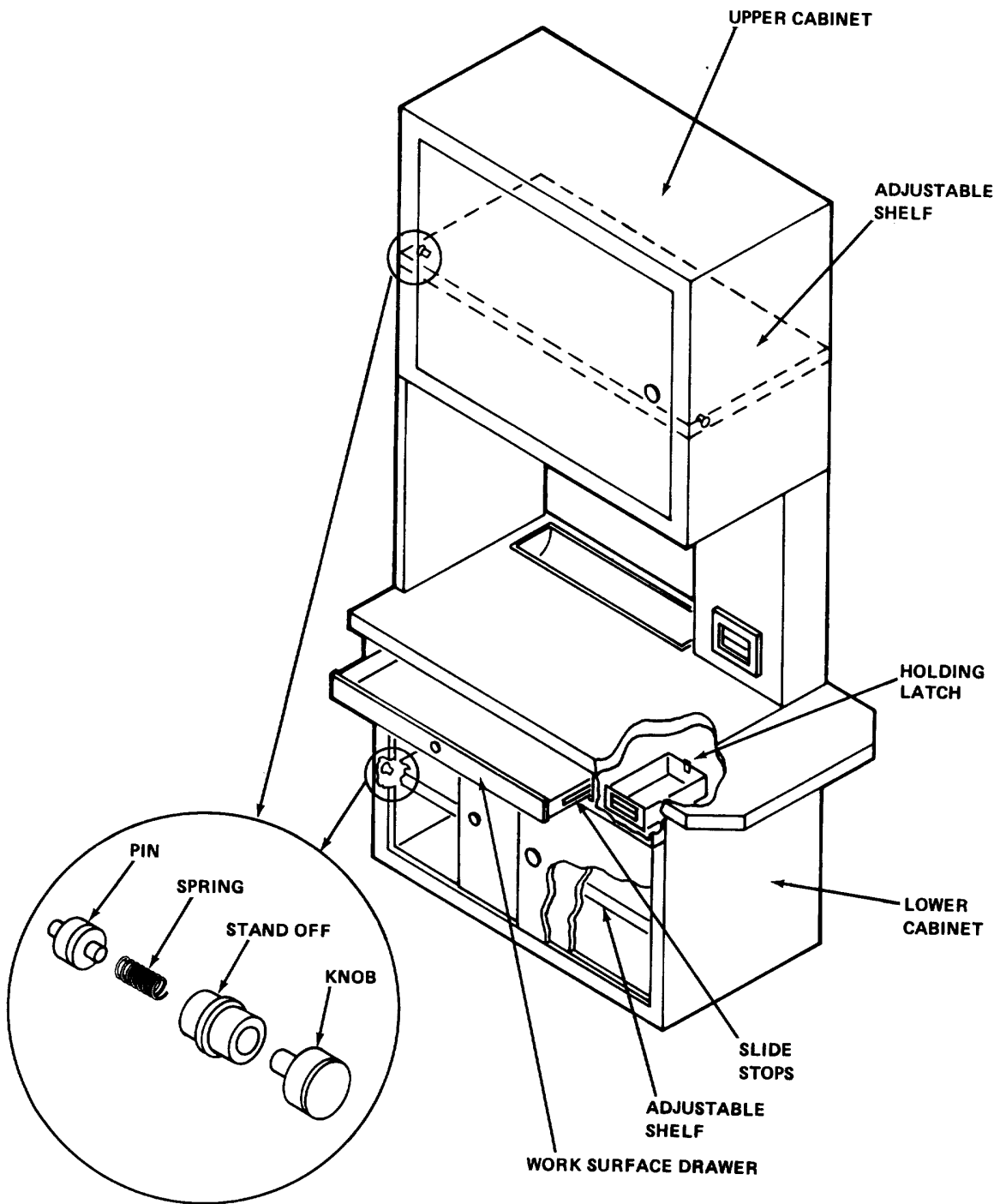


Figure 7-2. Corner Console Assembly

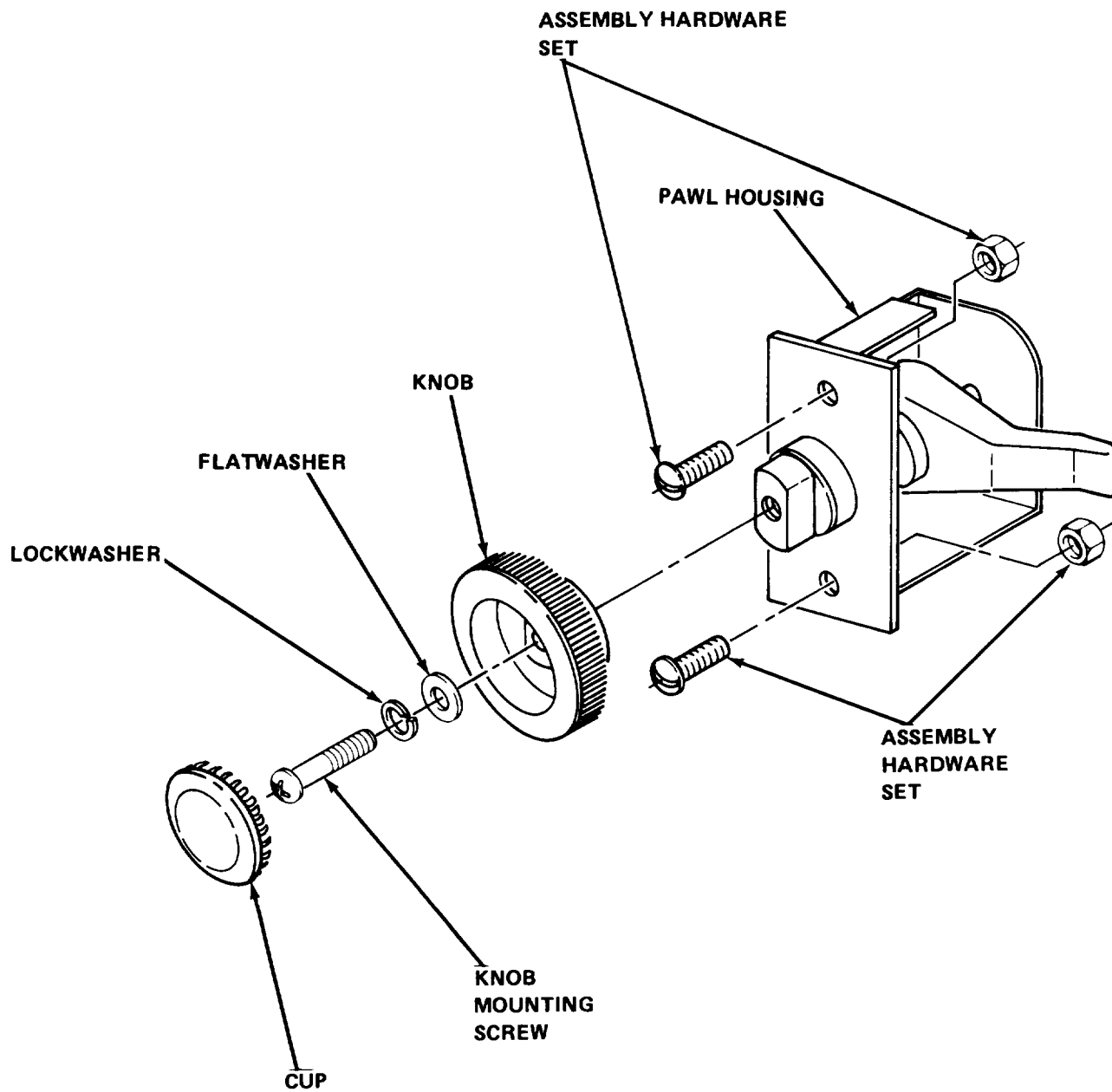


Figure 7-3. Pawl Fastener Assembly

for replacement of console light components (figure 74). A schematic wiring diagram of the console lighting circuit is shown in figure 7-5.

a. Switch

- (1) Remove fluorescent lamp.
- (2) Bring one or more light extensions into central and plug into convenience outlets.
- (3) Set light circuit breaker to OFF.
- (4) Remove six sets of hardware holding light unit assembly to upper cabinet. Lower light unit to work surface without putting any tension on wires.
- (5) Cut two black wires extending from switch behind original crimp.
- (6) Loosen and remove knurled panel nut holding switch to light unit.
- (7) Remove old switch.
- (8) Place new switch in hole of light unit; fasten with knurled panel nut.
- (9) Connect wires of new switch with ends of wires previously cut, using solderless butt connectors and a crimping tool.
- (10) Wrap plastic electrical tape around all new crimped connections.
- (11) Insert light unit assembly back into place; install the six sets of hardware used to hold the assembly to the upper cabinet.
- (12) Install lamp into holders.
- (13) Set light circuit breaker to ON.

b. Ballast

- (1) Remove fluorescent lamp.
- (2) Remove two sets of hardware securing ballast to light unit housing. Remove green ground wire. Remove bare ground wire twisted around screw under ballast.
- (3) Remove screws holding each lamp holder to light unit housing; remove lamp holders.
- (4) Remove insulation clip from back of each lamp holder.
- (5) Disconnect two red wires from terminals of one lamp holder; two white wires and one blue wire from terminals of other lamp holder.
- (6) Remove old ballast from unit.
- (7) Sandpaper around holes for ballast on inside of light unit housing.
- (8) Install new ballast in accordance with wiring diagram in figure 7-5.
- (9) Install insulation clip on the back of each lampholder.
- (10) Install each lamp holder onto housing.
- (11) Install ballast onto housing and bare ground wire to screw under ballast.

- (12) Install lamp into holders.

7-9 REPLACEMENT OF REMOTE DISPLAY, DIGITAL CLOCK.

a. Removal of Remote Display

- (1) Disconnect electrical cable at rear of remote display chassis.
- (2) Hold remote display while removing the four mounting screws which attach remote display chassis to ceiling mounting plate.
- (3) Remove remote display.

b. Installation of Remote Display

- (1) Position remote display unit under its ceiling mounting plate.
- (2) Insert and tighten four mounting screws.
- (3) Attach electrical cable at rear of remote display chassis.

7-10 REPLACEMENT OF ROTARY CHAIR COMPONENTS.

The following procedure provides instructions for replacement of rotary chair tiedown assembly and spring pin. Figure 2-1 illustrates the rotary chair and its components.

- a.* Turn chair over; drive out spring pin using a standard 3/16-inch drive pin punch and hammer.
- b.* Pull old tiedown assembly out of the seat-adjusting stem.
- c.* Insert new tiedown assembly in seat adjustment stem; align holes for spring pin.
- d.* Install new spring pin by driving it into holes with a hammer.

7-11 REPLACEMENT OF PENCIL SHARPENER. To replace pencil sharpener, remove assembly hardware sets securing pencil sharpener. Remove old sharpener and install a new one in its place.

7-12 REPLACEMENT OF TELEPHONE TA-676()/G. The procedure below provides instructions for replacement of the telephone. Refer to figure 7-1.

- a.* Disconnect power plug from twistlock telephone receptacle.
- b.* Disconnect straight plug from telephone.
- c.* Remove six sets of hardware securing telephone mounting panel assembly to electrical duct extension.
- d.* Pull telephone panel out and set it on work surface.
- e.* Remove three hardware sets securing telephone to telephone mounting panel.
- f.* Install new telephone on mounting panel.
- g.* Install mounting panel on duct extension.
- h.* Connect straight and power plugs to the telephone.

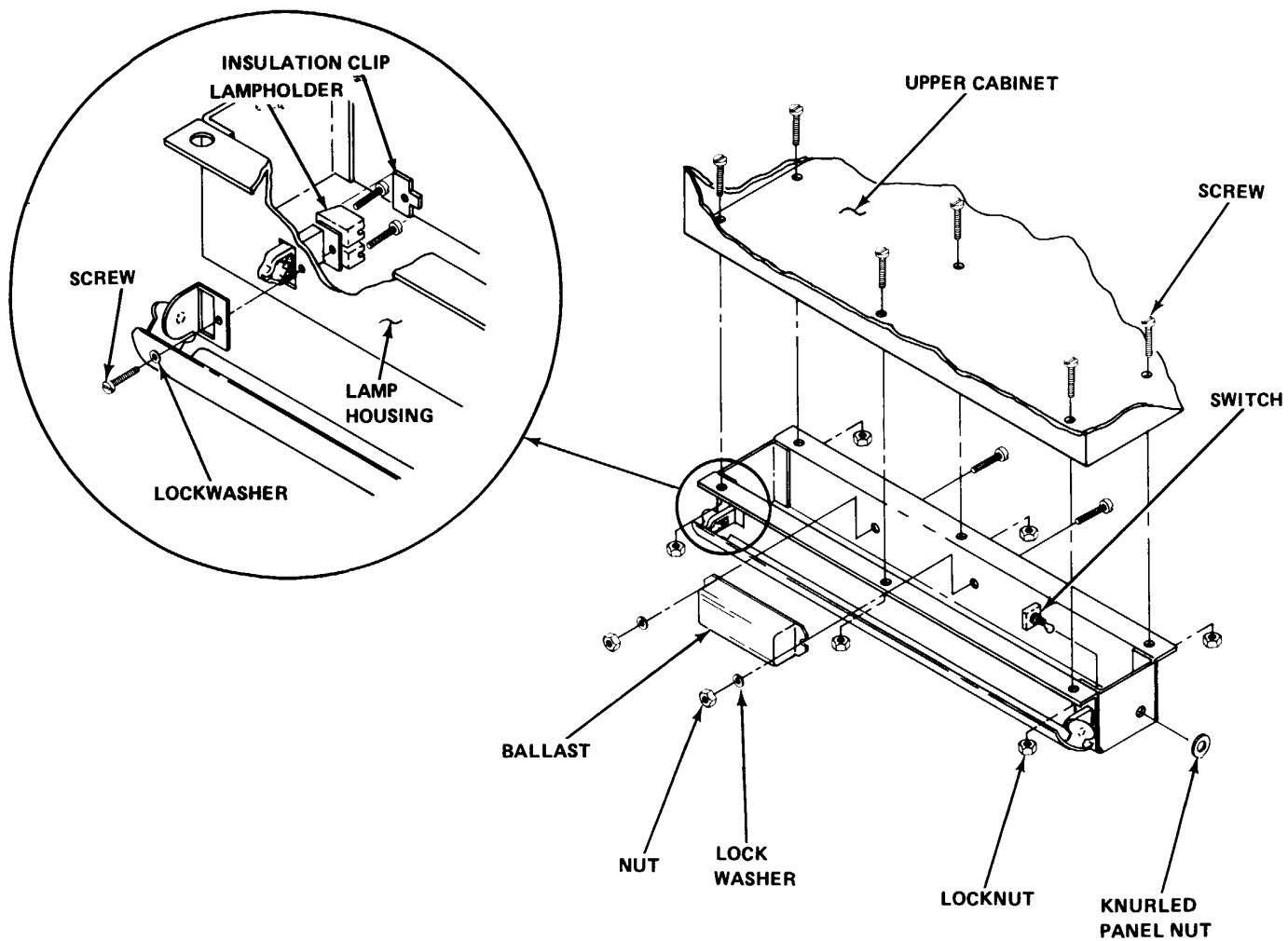


Figure 7-4. Console Light Unit

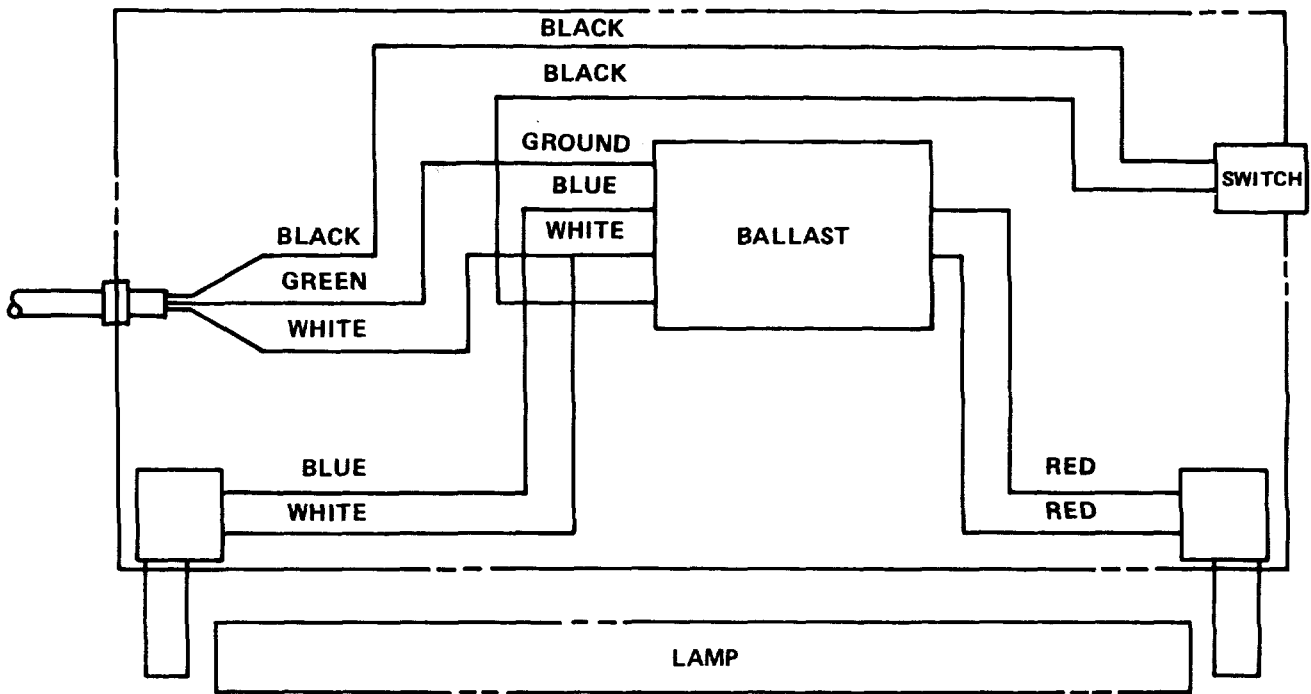


Figure 7-5. Console Light Unit Wiring Diagram

7-13 REPLACEMENT OF TELEPHONE TA-312()/PT.

The procedure below provides instructions for replacement of the telephone. Refer to figure 7-6.

- a. Disconnect straight plug from telephone.
- b. Remove two assembly hardware sets holding telephone to lower retaining bracket.
- c. Remove two assembly hardware sets holding telephone to upper retaining bracket.
- d. Remove the two sets of screws and lockwashers holding upper retaining bracket to telephone mounting panel.
- e. Remove upper retaining bracket from mounting panel.
- f. Remove telephone from mounting panel.
- g. Install new telephone on mounting panel.
- h. Install upper retaining bracket on mounting panel. Secure with two sets of screws and lockwashers.
- i. Secure telephone to upper and lower retaining brackets with assembly hardware sets.

7-14 REMOVAL AND REPLACEMENT OF INTERCOMMUNICATION (INTERCOM) CABLE. The procedure below provides instructions for the removal and replacement of the INTERCOM cable.

NOTE

Cable is operative only when the administrative central is part of a complex intercommunication system (paragraph 1-10).

- a. *Removal of Cable*
 - (1) Disconnect telephone power plug.
 - (2) Disconnect straight plug at telephone and straight plug at INTERCOM cable on wall of central.
 - (3) If cable runs through shelter trough, remove access covers as required to remove cable.
- b. *Replacement of Cable*
 - (1) Run cable through shelter cable trough if required. Replace all access covers.
 - (2) Connect cable straight plugs at telephone and at INTERCOM cable.
 - (3) Connect power plug of telephone.

7-15 REPLACEMENT OF CABLE STRAIGHT PLUGS. The procedure below provides instructions for replacement of the cable straight plugs.

- a. Remove plug by loosening screws on clamp and unscrew connector, exposing soldered wires in cups.
- b. Apply a soldering iron to each cup until connections pull free.
- c. Dress or cut back wire ends and tin ends for assembly.
- d. Solder wires to new connector; connect in accordance with wiring diagram (figure 7-7) for cable being repaired.
- e. Screw connector body together and tighten screws on cable clamp.

7-16 REMOVAL AND REPLACEMENT OF DOCUMENT DRAWER. The procedure below provides instructions for the removal and replacement of the document drawers.

- a. *Document Drawer Removal*
 - (1) Slide drawer out from cabinet safe until it hits stops.
 - (2) Lift front of drawer up over stops and remove drawer from cabinet safe.
 - (3) Remove four assembly hardware sets securing one half of slide assembly to wall of cabinet safe.
 - (4) Remove slide assembly.
 - (5) Remove four assembly hardware sets securing the other half of slide assembly to opposite wall of cabinet safe.
 - (6) Remove slide assembly.
- b. *Document Drawer Replacement.*
 - (1) Secure half of slide assembly to cabinet safe wall using four assembly hardware sets.
 - (2) Secure the other half of slide assembly to opposite cabinet safe wall using four assembly hardware sets.
 - (3) Align slides and rollers of document drawer with slides of cabinet safe.
 - (4) Slide drawer into safe.

**Section V. DIRECT AND GENERAL SUPPORT
MAINTENANCE TESTING PROCEDURES**

7-17 GENERAL. Refer to the equipment manuals listed in Appendix A for unit testing procedures.

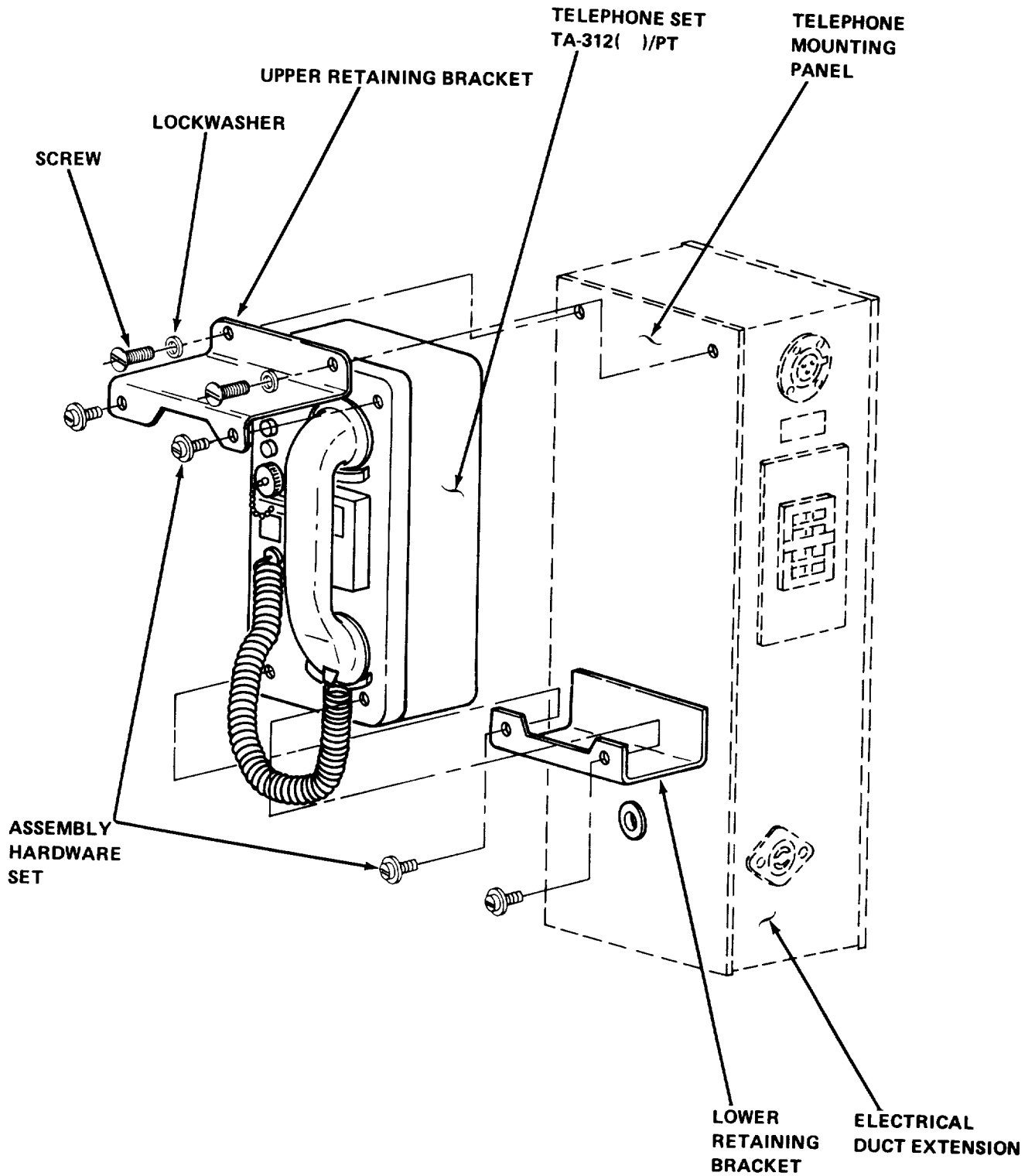
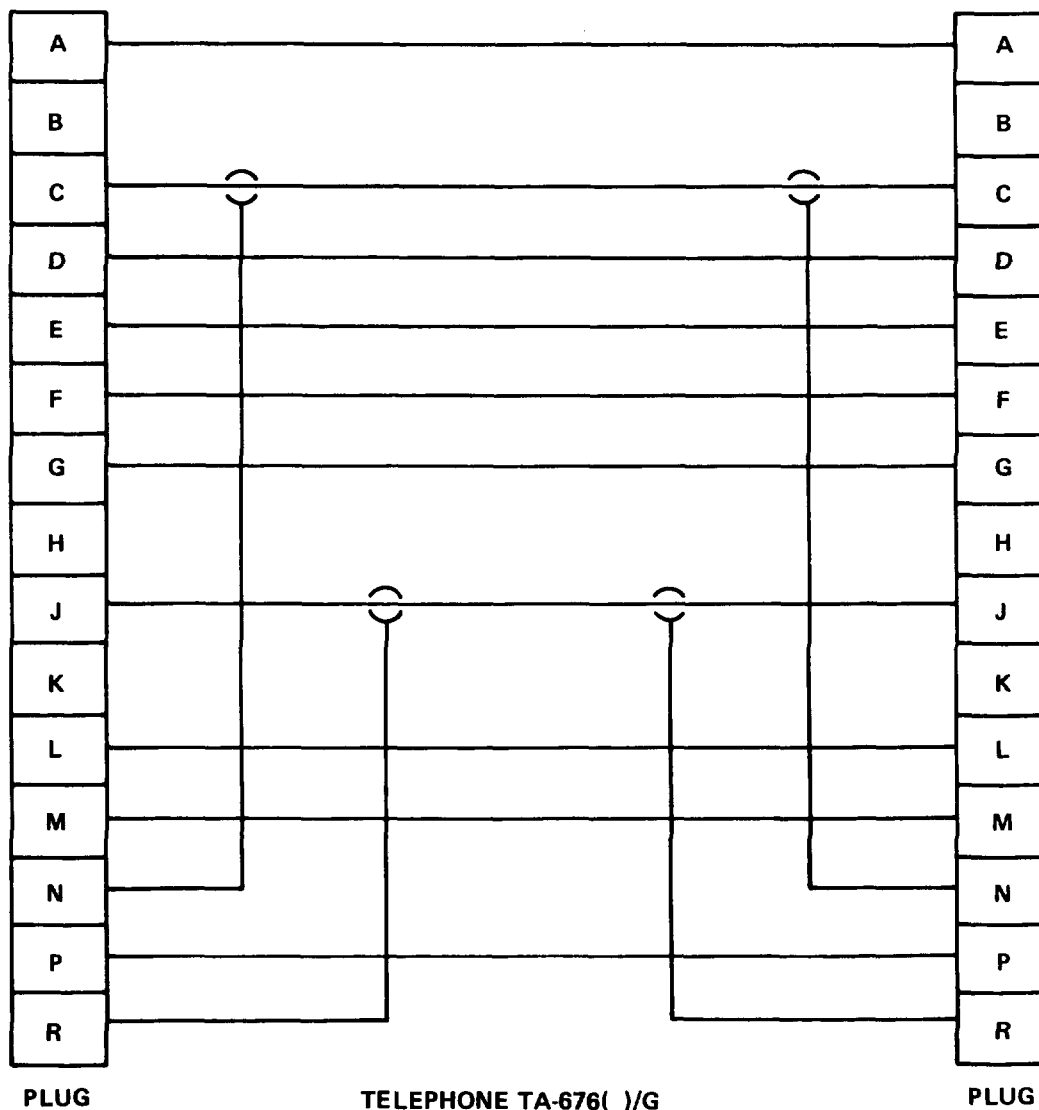


Figure 7-6. Telephone TA-312()/PT Mounting



TELEPHONE TA-676()/G
INTERCOM PASSTHROUGH
Figure 7-7. Intercom Cable Wiring Diagram

7-11/(7-12 blank)

CHAPTER 8

MATERIEL USED IN CONJUNCTION WITH MAJOR ITEM

8-1 GENERAL. The auxiliary items used with the Administrative Control Central are determined by the using unit's MTOE.

8-1/(8-2 blank)

APPENDIX A

REFERENCES

<u>Reference</u>	<u>Title</u>
TM 11-5805-201-12 TM 32-5410-217-14&P	Operational and Organizational Maintenance Manual for Telephone TA-312/PT Operator's, Organizational, Direct Support, and General Support Maintenance Manual (Including
TM 32-5805-001-14&P	Repair Parts and Special Tools List): Shelter, Electrical Equipment S-389/MSA-34 Operator, Organizational, Direct Support, and General Support Maintenance Manual (Including
TM 32-5811-021-14	Repair Parts and Special Tools List) for the Telephone Set TA-676/G Operator's, Organizational, Direct Support, and General Support Maintenance Manual for Operational Unit, Transportable System
TM 32-5895-227-24P	Operator, Organizational, Direct Support and General Support Maintenance Repair Parts List
TM 32-9999-200-15-1	(Including Depot Maintenance) Communication Central AN/MSQ-71 Operator's Organizational, Direct Support, General Support, and Depot Maintenance Manual
TM 38-750	(Including Repair Parts List) for Operations and Electrical Facility, Mobile AN/MSA-34
TM 43-0139	The Army Maintenance Management System (TAMMS)
TM 740-90-1	Painting Instructions for Field Use
TM 750-244-2	Administrative Storage of Equipment
AR 700-42	Procedures for Destruction of Electronics Materiel to Prevent Enemy Use (Electronics Command)
CTA 50-970	Classification, Reclassification, Maintenance, Issuance and Reporting of Maintenance Training Aircraft
DA FORM 2404	Expendable Items (Except Medical, Class V, Repair Parts and Heraldic Items)
DA PAM 310-4	Equipment Inspection and Maintenance Worksheet
DA PAM 310-7	Index of Technical Publications: Technical Manuals, Technical Bulletins, Supply Manuals (Types 7, 8, and 9) Supply Bulletins, and Lubrication Orders
SF	U.S. Army Equipment Index of Modification Work Orders
SB 11-573	FORM 364 Report of Discrepancy (ROD)
SB 38-100	Painting and Preservation Supplies Available for Field Use for Electronics Command Equipment
SB 708-41/42	Preservation, Packaging, Packing, and Marking Materials, Supplies and Equipment Used by the Army
	Federal Supply Code for Manufacturers, United States and Canada. Name to Code and Code to Name (GSA FSS H4-1/H4-2)

<u>Reference</u>	<u>Title</u>
SF 368	Quality Deficiency Report
TB 43-0118	Field Instructions for Painting and Preserving Electronics Command Equipment
Chrono-Log Corp. Instruction Manual 2583 W. Chester Pike Broomel, Penn. 19008	Model 6NR Remote Display

APPENDIX B

COMPONENTS OF END ITEM LIST

Section I. INTRODUCTION

B-1 SCOPE. This appendix lists integral components of and Basic Issue Items (BII) for the Administrative Control Central AN/TSQ-79 to help you inventory items required for safe and efficient operation.

B-2 GENERAL. This Components of End Item List is divided into the following sections:

a. Section II. Integral Components of the End Item. These items, when assembled, comprise the central and must accompany it whenever it is transferred or turned in. The illustrations will help you identify these items.

b. Section III. Basic Issue Items (BII). These are the minimum essential items required to place the central in operation, to operate it, and to perform emergency repairs. Although shipped separately packed they must accompany the central during operation and whenever it is transferred between accountable officers. The illustrations will assist you with hard-to-identify items. This manual is your authority to requisition replacement BII, based on TOE/MTOE authorization of the end item.

B-3 EXPLANATION OF COLUMNS.

a. Illustration. This column is divided as follows:

(1) *Figure Number.* Indicates the figure number of the illustration on which the item is shown.

(2) *Item Number.* The number used to identify item called out in the illustration.

b. National Stock Number. Indicates the National stock number assigned to the item and which will be used for requisitioning.

c. Part Number. Indicates the primary number used by the manufacturer, which controls the design and characteristics of the item by means of its engineering drawings, specifications, standards, and inspection requirements to identify an item or range of items.

d. Description. Indicates the Federal item name and, if required, a minimum description to identify the item.

e. Location. The physical location of each item listed is given in this column. The lists are designed to inventory all items in one area of the major item before moving on to, an adjacent area.

f. Usable on Code. "USABLE ON" codes are included to help you identify which component items are used on the different models. Identification of the codes used in these lists are: none.

g. Quantity Required (Qty Req'd). This column lists the quantity of each item required for a complete major item.

h. Quantity. This column is left blank for use during an inventory. Under the Rcv'd column, list the quantity you actually receive on your major item. The Date columns are for your use when you inventory the major item at a later date; such as for shipment to another site.

Section II. INTEGRAL COMPONENTS OF END ITEM

(1) ILLUSTRATION		(2) NATIONAL STOCK NUMBER	(3) PART NO.	(4) DESCRIPTION	(5) LOCATION	(6) USABLE ON CODE	(7) QTY REQD	(8) QUANTITY			
(a) FIGURE NO.	(b) ITEM NO.							RCVD	DATE	DATE	DATE
1-1			0283-4-3002	SET			1				
			0283-4-3000-2	CABINET SAFE STABILIZER BRACKETS							
1-1			0283-4-3504	SET			1				
			0283-4-3505	CORNER CONSOLE STABILIZER BRACKETS							
E-1	17		0283-4-3502	CABINET SAFE CY4842/G (MODIFIED)			1				
E-1	24		0283-4-3501	DIGITAL CLOCK REMOTE DISPLAY			1				
E-1	33	7125-00-952-9091	MX7197G	DOCUMENT DRAWER MX-7197()/G			4				
E-1	39		0283-42501	DOCUMENT DRAWER MX-7197 (MODIFIED)/G			2				
E-2			0283-4-4502	SHELTER, ELECTRICAL EQUIPMENT S-389 (MODIFIED) MSA-34			1				
E-2			0283-4-4506-9	CORNER CONSOLE ASSEMBLIES							
E-4	8		0283-4-4513-1	UPPER CABINET ASSY			2				
E-5			0283-4-4508-2	LOWER CABINET ASSY			3				
E-6			0283-4-4516-1	SLIDING DOOR ASSY			3				
E-7			0283-4-4509-8	WORK SURFACE ASSY							
7-1	3	5805-00-945-8549	TA676G	TELEPHONE, SET TA-676()/G							
7-5	2	5805-00-543-0012	TA312PT	TELEPHONE SET TA-312()/PT			1				
E-8			0283-4-511-4	ELECTRICAL DUCT EXTENSION ASSY TA-312()/PT			1				
E-9			0283-4-4511-2	ELECTRICAL DUCT EXTENSION ASSY TA-676()/G			1				
E-10			0283-4-4512	TELEPHONE MOUNTING PANEL ASSY TA-312()/PT			1				
E-11			0283-4-3509	TELEPHONE MOUNTING PANEL ASSY TA-676()/G			1				
E-13			0283-4-3533-1	LIGHT UNIT ASSY			2				
E-14			0283-4-4504-1	ELECTRICAL DUCT INSTALLATION ASSY			2				
E-15			0283-4-3508	BASE AND AIR DUCT ASSY			3				
E-16			0283-4-4507	WORK SURFACE EXTENSION ASSY			3				

(1) ILLUSTRATION		(2) NATIONAL STOCK NUMBER	(3) PART NO.	(4) DESCRIPTION	(5) LOCATION	(6) USABLE ON CODE	(7) QTY REQD	(8) QUANTITY			
(a) FIGURE NO.	(b) ITEM NO.							RCVD	DATE	DATE	DATE
E-17			0283-4-4510	TACK BOARD ASSY			3				
E-2			0283-4-4506	CORNER CONSOLE ASSEMBLY							
E-19			0283-4-4513-2	UPPER CABINET ASSY			1				
E-20			0283-4-4509-7	WORK SURFACE ASSY			1				
E-21			0283-4-4511-6	ELECTRICAL DUCT EXTENSION ASSY			1				
E-22			0283-4-3533-2	LIGHT UNIT ASSY			1				
E-23			0283-4-4504-2	ELECTRICAL DUCT INSTALLATION ASSY			1				
E-24			566-3-3961	EQUIPMENT TRAY ASSY			1				
E-25			0283-4-3004-1	CHAIR ASSY W/TIEDOWN			3				
E-30			0283-4-4505	BULLETIN BOARD ASSY			4				

Section III. BASIC ISSUE ITEMS

(1) ILLUSTRATION		(2) NATIONAL STOCK NUMBER	(3) PART NO.	(4) DESCRIPTION	(5) LOCATION	(6) USABLE ON CODE	(7) QTY REQD	(8) QUANTITY			
(a) FIGURE NO.	(b) ITEM NO.							RCVD	DATE	DATE	DATE
E-1	26	7430-00-634-5062		TYPEWRITER			1				
E-1	34	6545-00-922-1200		FIRST AID KIT			1				
E-27			0283-4-4011-6	CABLE, ACCESS ASSEMBLY			1				

APPENDIX C

ADDITIONAL AUTHORIZATION LIST

Section I. INTRODUCTION

C-1 SCOPE. This appendix lists additional items you are authorized for the support of the Administrative Control Central AN/TSQ-79.

C-2 GENERAL. This list identifies items that do not have to accompany the central and that do not have to be turned in with it. These items are all authorized to you by CTA, MTOE, TDA, or JTA.

C-3 EXPLANATION OF LISTING. National stock numbers, descriptions, and quantities are provided to help you identify and request the additional items you require to support this equipment. If item required differs for different configurations for the equipment, the configuration is shown under the "USABLE ON" heading in the description column.

Section II. ADDITIONAL AUTHORIZATION LIST

(1) NATIONAL STOCK NUMBER	(2) DESCRIPTION <i>Part Number & FSCM Usable on Code</i>	(3) U/M	(4) QTY AUTH
4120-00-973-4589	AIR CONDITIONER, 208 V, 3-PHASE, 50/60 Hz, CE 20 VAL 6	EA	1
4120-00-168-1781	-OR- AIR CONDITIONER, 208 V, 3-PHASE, 50/60 Hz, CH 620-2	EA	1
	KIT, AIR CONDITIONER MOUNTING, MK-001-I/U 0216-1-1100 (15942)	EA	1
	KIT, WALKWAY, CONSISTING OF:	EA	1
	WALKWAY, END 0283-1-4500-1 (15942)	EA	1
	WALKWAY, SIDE 0283-1-4600-1 (15942)	EA	1
	KIT, GROUND ROD, COMPRISED OF:	EA	1
5975-00-549-0011	CABLE, GROUND 0283-1-2221-2 (15942)	EA	1
5975-00-186-3912	ROD, GROUND 9438 (90190)	EA	1
	CLAMP, GROUND ROD 9592 (90190)	EA	1

C-1/(C-2 blank)

APPENDIX D
MAINTENANCE ALLOCATION CHART
Section I. INTRODUCTION

D-1 GENERAL.

a. This section provides a general explanation of all maintenance and repair functions authorized at various maintenance levels.

b. The Maintenance Allocation Chart (MAC) in Section II designates overall responsibility for the performance of maintenance functions on the identified end item or component. The implementation of the maintenance functions upon the end item or component will be consistent with the assigned maintenance functions.

c. Section III lists the special tools and test equipment required for each maintenance function as referenced from Section II.

d. Section IV contains supplemental instructions and explanatory notes for a particular maintenance function.

D-2 MAINTENANCE FUNCTIONS.

a. **Inspect.** To determine the serviceability of an item by comparing its physical, mechanical and/or electrical characteristics with established standards through examination.

b. **Test.** To verify serviceability and detect incipient failure by measuring the mechanical or electrical characteristics of an item and comparing those characteristics with prescribed standards.

c. **Service.** Operations required periodically to keep an item in proper operating condition; i.e., to clean (decontaminate), to preserve, to drain, to paint, or to replenish fuel, lubricants, hydraulic fluids, or compressed air supplies.

d. **Install.** The act of emplacing, seating, or fixing into position an item, part, or module (component or assembly) in a manner to allow the proper functioning of an equipment of system.

e. **Repair.** The application of maintenance services or other maintenance actions to restore serviceability to an item by correcting specific damage, fault, malfunction, or failure in a part, subassembly, module (component or assembly), and item, or system.

f. **Overhaul.** That maintenance effort (services/actions) necessary to restore an item to a completely serviceable/ operational condition as prescribed by maintenance standards; i.e., Depot Maintenance Work Requirement in appropriate technical publications. Overhaul is normally the highest degree of maintenance performed by the Army. Overhaul does not normally return an item to like new condition.

g. **Rebuild.** Consists of those services/actions necessary for the restoration of unserviceable equipment to a like new condition in accordance with original manufacturing standards. Rebuild is the highest degree of materiel maintenance applied to Army equipment. The rebuild operation includes the act of returning to zero those age measurements (hours/miles, etc.) considered in classifying Army equipments/components.

D-3 EXPLANATION OF COLUMNS IN THE MAC, SECTION II.

a. **Column 1, Group Number.** Column 1 lists group numbers, the purpose of which is to identify components, assemblies, subassemblies, and modules with the next higher assembly.

b. **Column 2, Component/Assembly.** Column 2 contains the names of components, assemblies, subassemblies, and modules for which maintenance is authorized.

c. **Column 3, Maintenance Function.** Column 3 lists the functions to be performed on the item listed in column 2. (For detailed explanation of these functions, see para. D-2.)
 d. **Column 4, Maintenance Level.** Column 4 specifies, by the listing of a "work time" figure in the appropriate subcolumn(s), the lowest level of maintenance authorized to perform the function listed in column 3. This figure represents the active time required to perform the maintenance function at the indicated level of maintenance. If the number or complexity of the tasks within the listed maintenance function vary at different maintenance levels, appropriate "work time" figures will be shown for each level. The number of man-hours specified by the "work time" figure represents the average time required to restore an item (assembly, subassembly, component, module, end item, or system) to a serviceable condition under typical field operating conditions. This time includes preparation time, troubleshooting time, and quality assurance/quality control time in addition to the time required to perform the specific tasks identified for the maintenance functions authorized in the MAC. The symbol designations for the various maintenance levels are as follows:

- COperator or crew
- O Organizational maintenance
- F Direct support maintenance
- HGeneral support maintenance
- DDepot maintenance

e. *Column 5, Tools and Equipment.* Column 5 specifies, by code, those common tool sets (not individual tools) and special tools, Test, Measurement, and Diagnostic Equipment (TMDE), and support equipment required to perform the designated function.

f. *Column 6, Remarks.* This column shall, when applicable, contain a letter code, in alphabetical order, which shall be keyed to the remarks contained in Section WV.

D-4 EXPLANATION OF COLUMNS IN TOOL AND TEST EQUIPMENT REQUIREMENTS, SECTION III.

a. *Column 1, Reference Code.* The tool and TMDE reference code correlates with a code used in the MAC, Section II, column 5.

b. *Column 2, Maintenance Level.* The lowest level of maintenance authorized to use the tool or test equipment.

c. *Column 3, Nomenclature.* Name or identification of the tool or test equipment.

d. *Column 4, National/NATO Stock Number.* The National Stock Number (NSN) of the tool or TMDE.

e. *Column 5, Tool Part Number.* The manufacturer's part number.

D-5 EXPLANATION OF COLUMNS IN REMARKS, SECTION IV.

a. *Reference Code.* The code recorded in Section II, column 6.

b. *Remarks.* This column lists information pertinent to the maintenance function being performed as indicated in the MAC, Section II.

Section II. MAINTENANCE ALLOCATION CHART

(1) GROUP NUMBER	(2) COMPONENT/ ASSEMBLY	(3) MAINTENANCE FUNCTION	(4) Maintenance Level					(5) TOOLS AND EQUIP.	(6) REMARKS
			UNIT		INTERMEDIATE	DEPOT			
			C	O	F	H	D		
00	ADMINISTRATION CONTROL CENTRAL AN/TSQ-79	Inspect	0.5	0.3				40 60	1 2, 3
		Test							
		Service	0.5						
		Install			1.5				
		Repair			1.5				
		Overhaul							
01	SHELTER ELECTRICAL EQUIPMENT S-389/MNSA- 34 (MODIFIED)	Rebuild							
		Inspect	0.2						
		Service	0.3						
		Replace			2.0				
02	CORNER CONSOLE ASSEMBLY	Repair			2.0			1, 2, 3	
		Inspect	0.1						
		Service	0.3						
0201	UPPER CABINET ASSEMBLY	Replace			1.0			2	
		Repair			1.0				
		Inspect	0.1						
0202	LOWER CABINET ASSEMBLY	Service	0.1						
		Replace			0.5			2	
		Repair			0.3				
020201	SLIDING DOOR ASSEMBLY	Inspect	0.1						
		Service	0.1						
		Replace			0.3			2	
0203	WORK SURFACE ASSEMBLY	Repair			0.3				
		Inspect	0.1						
		Service	0.1						
0204	ELECTRICAL DUCT EXTENSION ASSEMBLY	Replace			0.5			2	
		Repair			0.2				
		Inspect	0.1						
0205	LIGHT UNIT ASSEMBLY	Replace			0.3			2	
		Repair			0.3				
		Inspect	0.1						
0206	ELECTRICAL DUCT INSTALLATION	Replace			0.3			2, 3	
		Repair			0.3				
		Inspect	0.1						
0207	BASE AND AIR DUCT ASSEMBLY	Repair			0.2			2	
		Inspect	0.1						
		Repair			0.2			2	

(1) GROUP NUMBER	(2) COMPONENT/ ASSEMBLY	(3) MAINTENANCE FUNCTION	(4) Maintenance Level					(5) TOOLS AND EQUIP.	(6) REMARKS
			UNIT		INTERMEDIATE	DEPOT			
			C	O	F	H	D		
0208	WORK SURFACE EXTENSION ASSEMBLY	Inspect Install Replace Repair	0.1		0.3 0.3 0.3			2 2 2	
03	CORNER CONSOLE ASSEMBLY	Inspect Service Replace	0.1 0.3		1.0 1.0			2 2	
0301	UPPER CABINET ASSEMBLY	Inspect Service Replace Repair	0.1 0.1		0.5 0.2			2 2	
0302	LOWER CABINET ASSEMBLY	Inspect Service Replace Repair	0.1 0.1		0.5 0.3			2 2	
030201	SLIDING DOOR ASSEMBLY	Inspect Service Replace Repair	0.1 0.1		0.3 0.3			2 2	
0303	WORK SURFACE ASSEMBLY	Inspect Service Replace Repair	0.1 0.1		0.5 0.2			2	
0304	ELECTRICAL DUCT EXTENSION ASSEMBLY	Inspect Replace Repair	0.1		0.3 0.3			2 2, 3	
0305	LIGHT UNIT ASSEMBLY	Inspect Replace Repair	0.1		0.3 0.3			2 2, 3	
0306	ELECTRICAL DUCT INSTALLATION	Inspect Repair	0.1		0.2				
0307	BASE AND AIR DUCT ASSEMBLY	Inspect Repair	0.1		0.2			2	
0308	WORK SURFACE EXTENSION ASSEMBLY	Inspect Install Replace Repair	0.1		0.3 0.3 0.3			2 2 2	
04	CORNER CONSOLE ASSEMBLY	Inspect Service Replace Repair	0.1 0.3		1.0 1.0			2 2	

(1) GROUP NUMBER	(2) COMPONENT/ ASSEMBLY	(3) MAINTENANCE FUNCTION	(4) Maintenance Level					(5) TOOLS AND EQUIP.	(6) REMARKS
			UNIT		INTERMEDIATE	DEPOT			
			C	O	F	H	D		
0401	UPPER CABINET ASSEMBLY	Inspect Service Replace Repair	0.1 0.1		0.5 0.2			2 2	
0402	LOWER CABINET ASSEMBLY	Inspect Service Replace Repair	0.1 0.1		0.5 0.3			2 2	
040201	SLIDING DOOR ASSEMBLY	Inspect Service Replace Repair	0.1 0.1		0.3 0.3			2 2	
0403	WORK SURFACE ASSEMBLY	Inspect Service Replace Repair	0.1 0.1		0.5 0.2			2 2	
0404	ELECTRICAL DUCT EXTENSION ASSEMBLY	Inspect Replace Repair	0.1		0.3 0.3			2 2, 3	
0405	LIGHT UNIT ASSEMBLY	Inspect Replace Repair	0.1		0.3 0.3			2 2, 3	
0406	ELECTRICAL DUCT INSTALLATION	Inspect Repair	0.1		0.2			2	
0407	CALCULATOR TRAY ASSEMBLY	Inspect Service Repair							
0408	BASE AND AIR DUCT ASSEMBLY	Inspect Repair	0.1		0.2			2	
0409	WORK SURFACE EXTENSION ASSEMBLY	Inspect Install Replace Repair	0.1		0.2 0.2 0.2			2 2 2	
05	CHAIR ASSY W/TIEDOWN AND FLOOR SOCKET ASSEMBLY	Inspect Service Replace Repair	0.1 0.1	0.2	0.2			2 2	
06	CABLE ASSEMBLY	Inspect Replace Repair	0.1	0.2	0.5	3		2, 3	
07	REMOTE DISPLAY CLOCK ASSEMBLY							A	
			D-5						

(1) GROUP NUMBER	(2) COMPONENT/ ASSEMBLY	(3) MAINTENANCE FUNCTION	(4) Maintenance Level					(5) TOOLS AND EQUIP.	(6) REMARKS
			UNIT		INTERMEDIATE	DEPOT			
			C	O	F	H	D		
08	TELEPHONE, FIELD TA-312()/PT							B	
09	TELEPHONE TA-676()/G							C	
10	TELEPHONE JUNCTION BOX INSTALLATION	Inspect Service Replace Repair	0.1 0.1				0.8 0.5		
11	FEEDTHROUGH PANEL ASSEMBLY	Inspect Service Replace Repair	0.1 0.1				0.6 0.3		
12	BULLETIN BOARD ASSEMBLY	Inspect Replace Repair	0.1		0.5		0.5		

Section III. TOOL AND TEST EQUIPMENT REQUIREMENTS

(1) Reference code	(2) Maintenance level	(3) Nomenclature	(4) National/NATO stock number	(5) Tool number
1	F	TOOL KIT, TK-100/G	5180-00-605-0079	TK-100G
2	O	TOOL KIT, TK- 105/G	5180-00-610-8177	TK-105 G
3	O	MULTIMETER, AN/USM- 223	6625-00-999-7465	AN/USM-223

Section IV. REMARKS

Reference code	Remarks
A	Refer to Commercial Manual Remote Display 6NR. Digital Clock for Maintenance Functions
B	Refer to TM 32-11-5805-201-12 for Maintenance Functions
C	Refer to TM 32-5895-227-15 for Maintenance Functions

APPENDIX E

REPAIR PARTS AND SPECIAL TOOLS LIST

Section I. INTRODUCTION

E-1 SCOPE. This appendix lists spares and repair parts; special tools; special Test, Measurement, and Diagnostic Equipment (TMDE), and other special support equipment required for performance of organizational, direct support, and general support maintenance of the Administrative Control Central AN/TSQ-79. It authorizes the requisitioning and issue of spare and repair parts as indicated by the source and maintenance codes.

E-2 GENERAL. This Repair Parts and Special Tools List is divided into the following sections:

a. *Section II. Repair Parts List.* A list of spares and repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in numeric sequence, with the parts in each group listed in figure and item number sequence. Bulk materials are listed in National Stock Number (NSN) sequence.

b. *Section III. Special Tools List.* A list of special tools, special TMDE, and other special support equipment authorized for the performance of maintenance.

c. *Section IV. National Stock Number and Part Number Index.* A list, in National Item Identification Number (NIIN) sequence, of all National Stock Numbers (NSN) appearing in the listings, followed by a list in alphanumeric sequence of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance.

E-3 EXPLANATION OF COLUMNS.

a. *Illustration.* This column is divided as follows:

(1) *Figure Number.* Indicates the figure number of the illustration on which the item is shown.

(2) *Item Number.* The number used to identify item called out in the illustration.

b. *Source, Maintenance, and Recoverability (SMR) Codes.*

(1) *Source Code.* Source codes indicate the manner of acquiring support items for maintenance,

repair, or overhaul of end items. Source codes are entered in the first and second positions of the uniform SMR code format as follows:

	<u>Code</u>	<u>Definition</u>
PA		Item procured and stocked for anticipated or known usage.
XA		Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.
XB		Item is not procured or stocked. If not available through salvage, requisition.

NOTE

Cannibalization or salvage may be used as a source of supply for any items coded above except those coded XA and aircraft support items as restricted by AR 70042.

(2) *Maintenance Code.* Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the uniform SMR code format as follows:

(a) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance:

	<u>Code</u>	<u>Application/Explanation</u>
O		Support item is removed, replaced, used at the organizational level.
F		Support item is removed, replaced, used at the direct support level.

(b) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair; i.e., all authorized maintenance

functions. This position will contain one of the following maintenance codes:

<u>Code</u>	<u>Application/Explanation</u>
F	The lowest maintenance level capable of complete repair of the support item is the direct support level.
Z	Nonreparable. No repair is authorized.

(3) *Recoverability Code.* Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the uniform SMR code format as follows:

<u>Recoverability Code</u>	<u>Definition</u>
Z	Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.
F	Reparable item. When uneconomically reparable, condemn and dispose at the direct support level.

c. *National Stock Number (NSN).* Indicates the NSN assigned to the item and which will be used for requisitioning.

d. *Part Number.* Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications, standards, and inspection requirements to identify an item or range of items.

NOTE:

When a stock numbered item is requisitioned, the item received may have a different part number than the part being replaced.

e. *Federal Supply Code for Manufacturer (FSCM).* The FSCM is a 5-digit numeric code listed in SB 708-41/42 which is used to identify the manufacturer distributor, or Government agency, etc.

f. *Description.* Indicates the Federal item name and, if required, a minimum description to identify the item.

g. *Unit of Measure (U/M).* Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in, pr, etc.). When the U/M differs from the unit of issue, the lowest unit of issue that will satisfy the required U/M will be requisitioned.

h. *Quantity Incorporated in Unit.* Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly. A "V" appearing in this column in lieu of a quantity indicates that no specific quantity is applicable (e.g., shims, spacers, etc.).

E-4 SPECIAL INFORMATION.

a. Usable on codes are shown in the description column. Uncoded items are applicable to all models. Identification of the usable codes used in this publication are: Not applicable.

E-5 HOW TO LOCATE REPAIR PARTS.

a. *When National Stock Number or Part Number is unknown:*

(1) *First.* Using the table of contents, determine the functional group or subgroup within which the item belongs. This is necessary since illustrations are prepared for functional groups or subgroups, and listings are divided into the same groups.

(2) *Second.* Find the illustration covering the functional group or subgroup to which the item belongs.

(3) *Third.* Identify the item on the illustration and note the illustration figure and item number of the item.

(4) *Fourth.* Using the Repair Parts Listing, find the figure and item number notes on the illustration.

b. *When National Stock Number or Part Number is known.*

(1) *First.* Using the Index of National Stock Numbers and Part Numbers, find the pertinent NSN or part number. This index is in NIIN sequence, followed by a list of part numbers in alphanumeric sequence, cross-referenced to the illustration figure number and item number.

(2) *Second.* After finding the figure and item number, locate the figure and item number in the repair parts list.

E-6 ABBREVIATIONS. Not applicable.

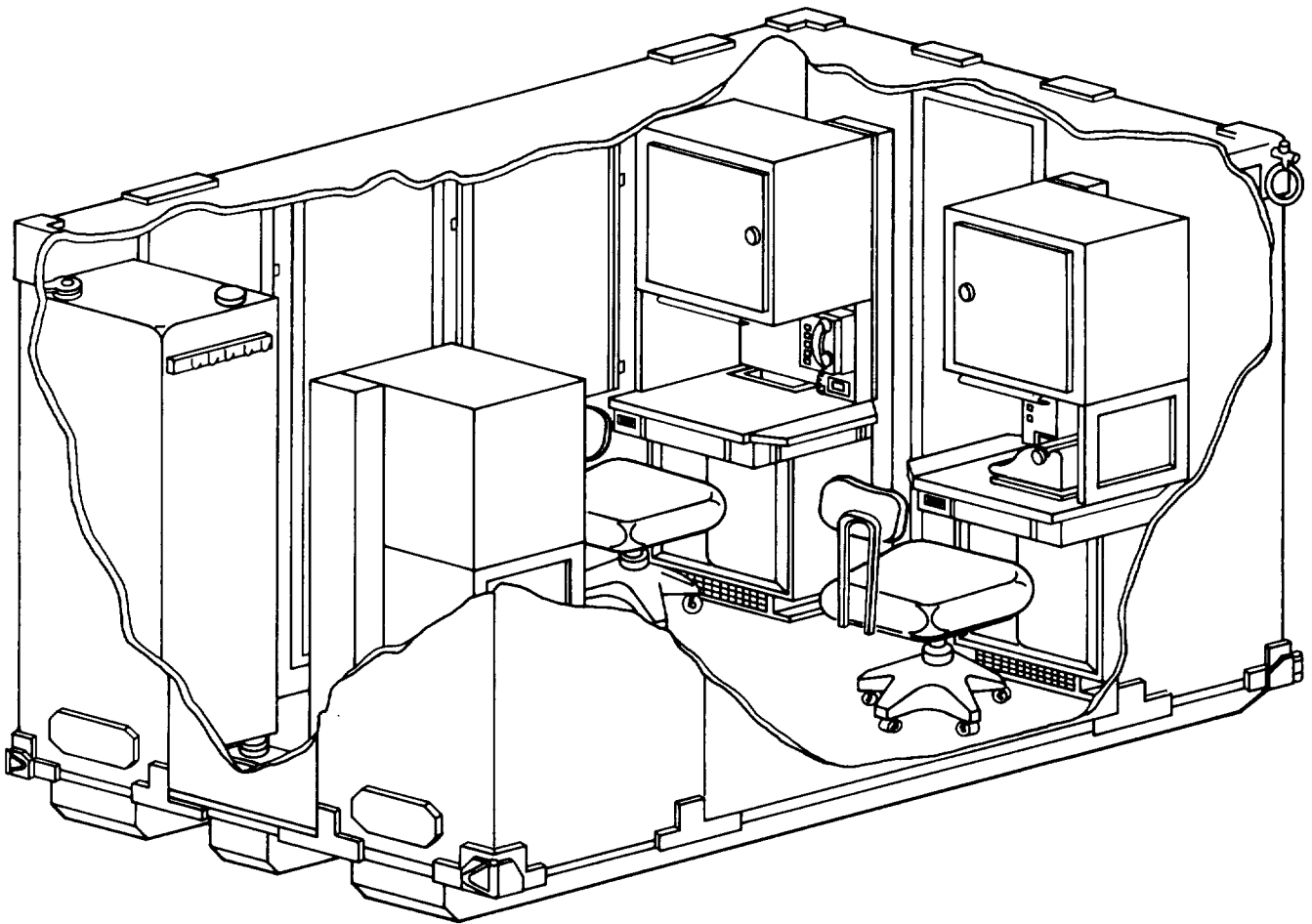


Figure E-1. Administrative Control Central, AN/TSQ-79 (Sheet 1 of 6)

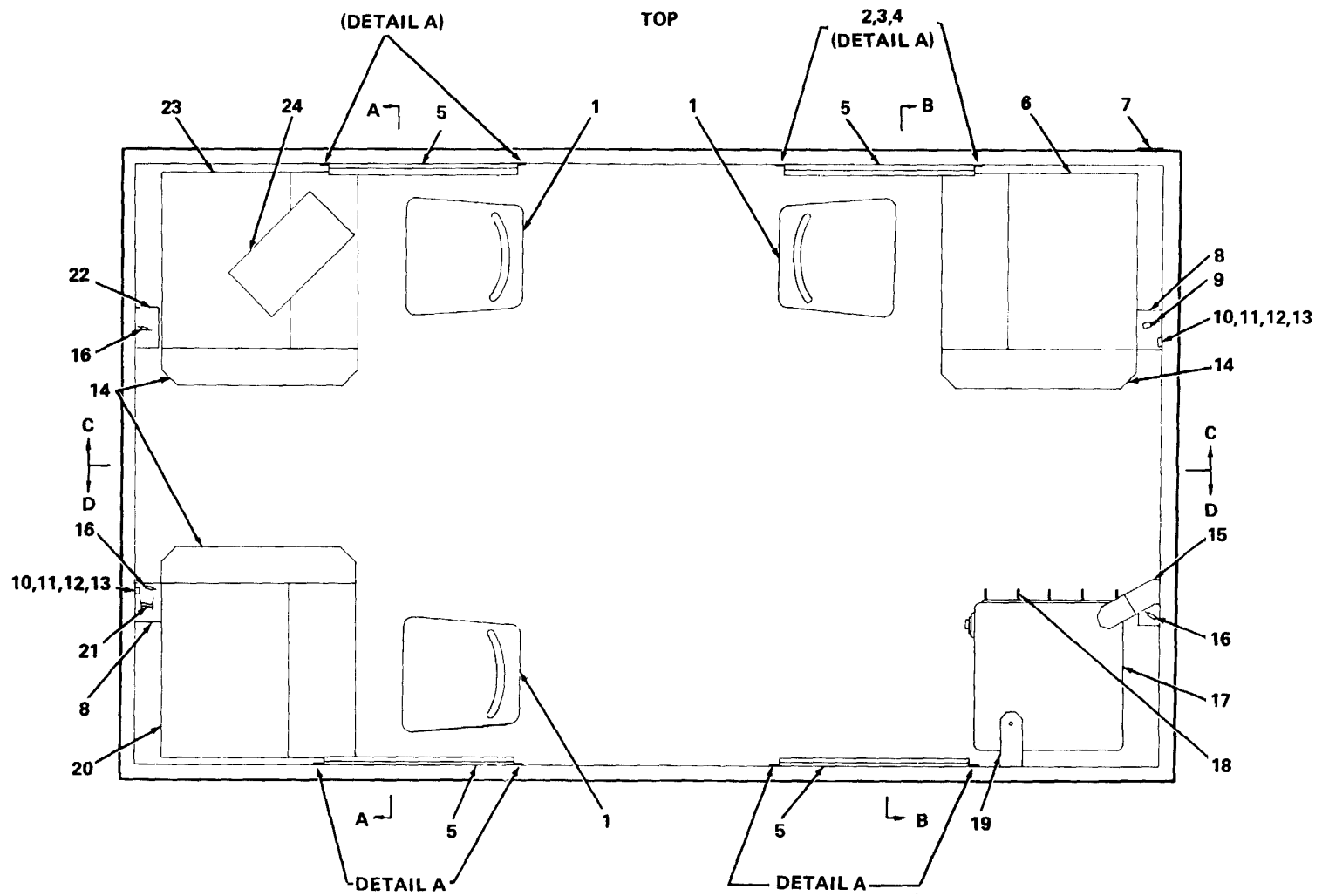


Figure E-1. Administrative Control Central, AN/TSQ-79 (Sheet 2 of 6)
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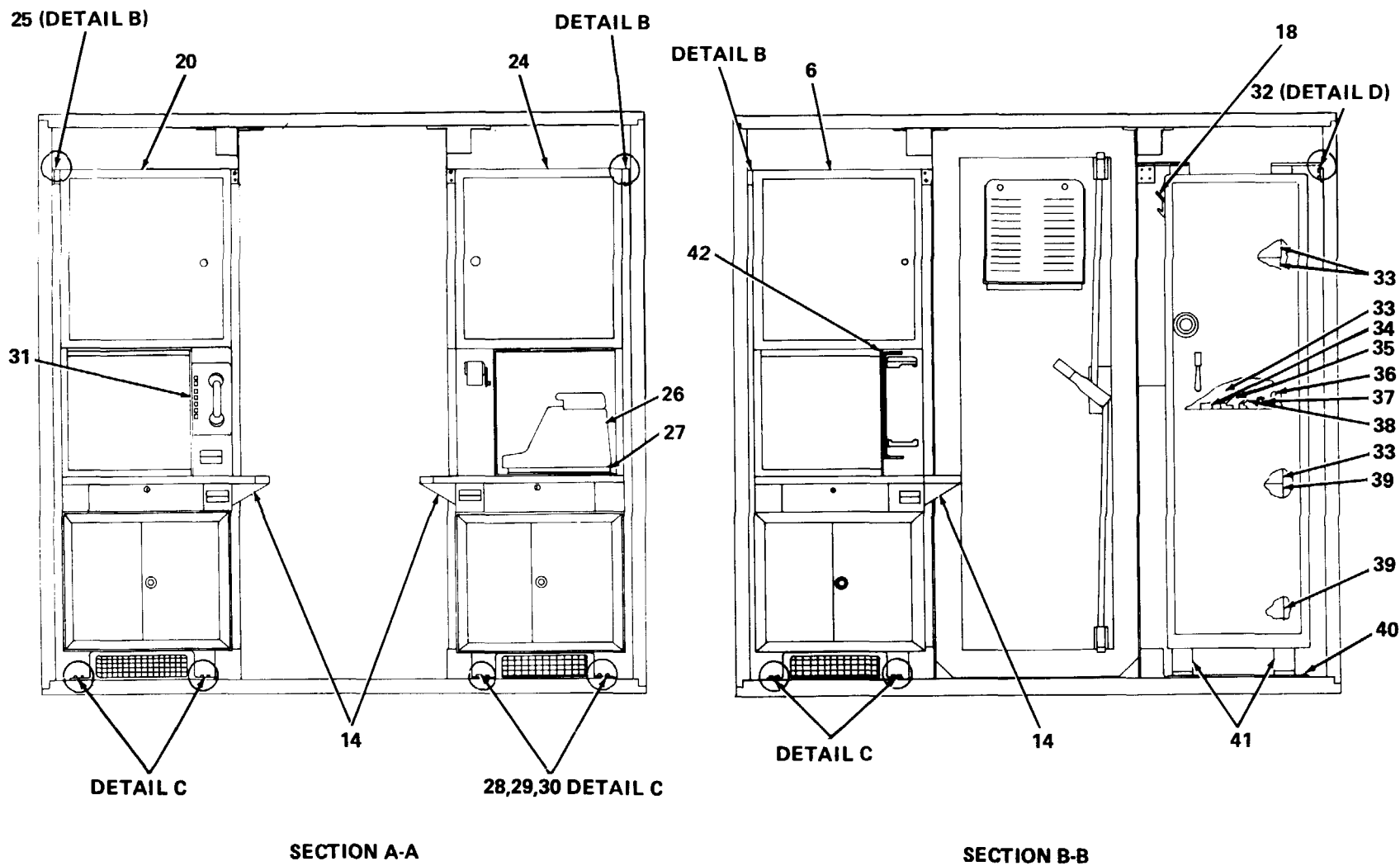
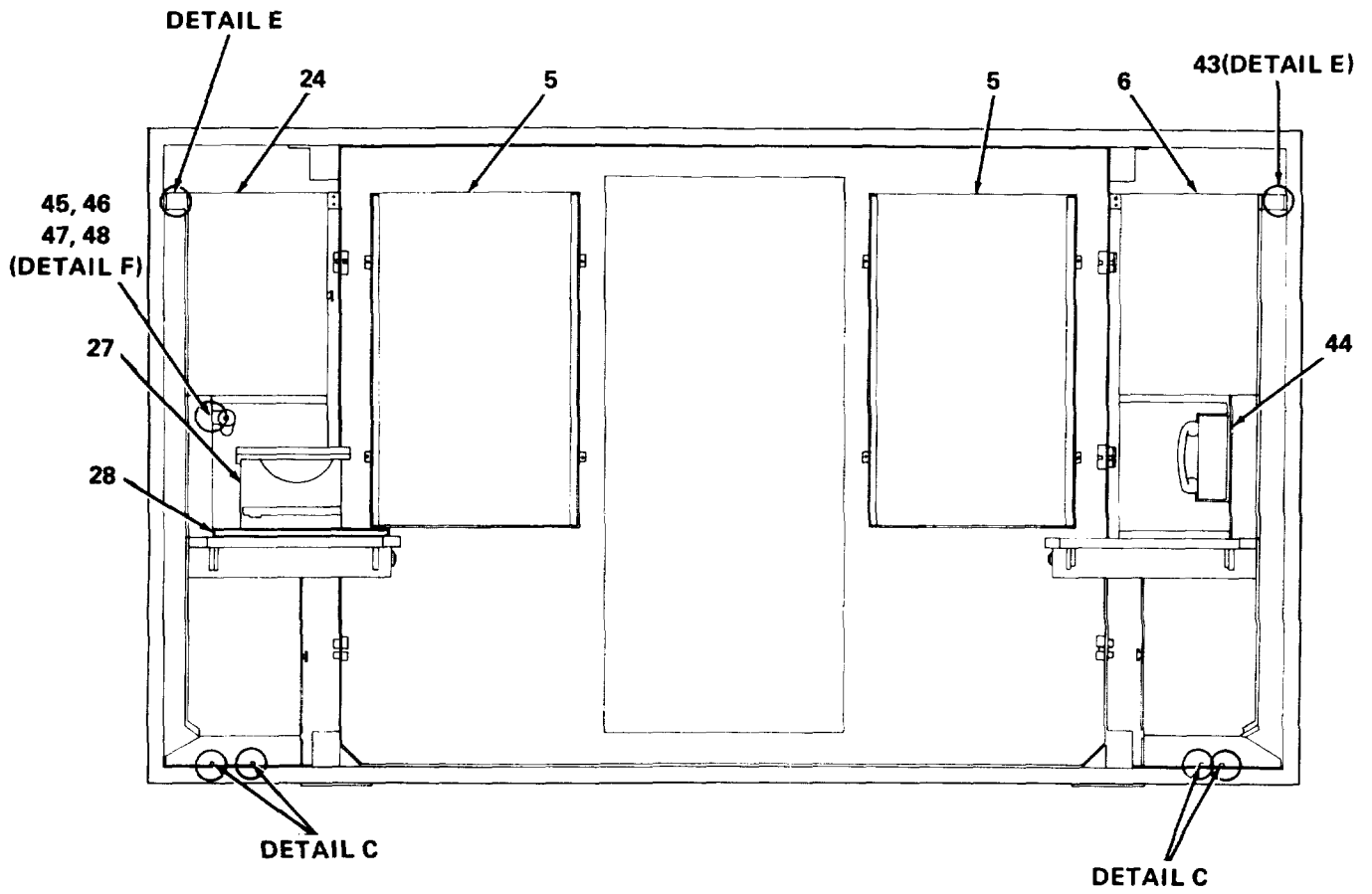
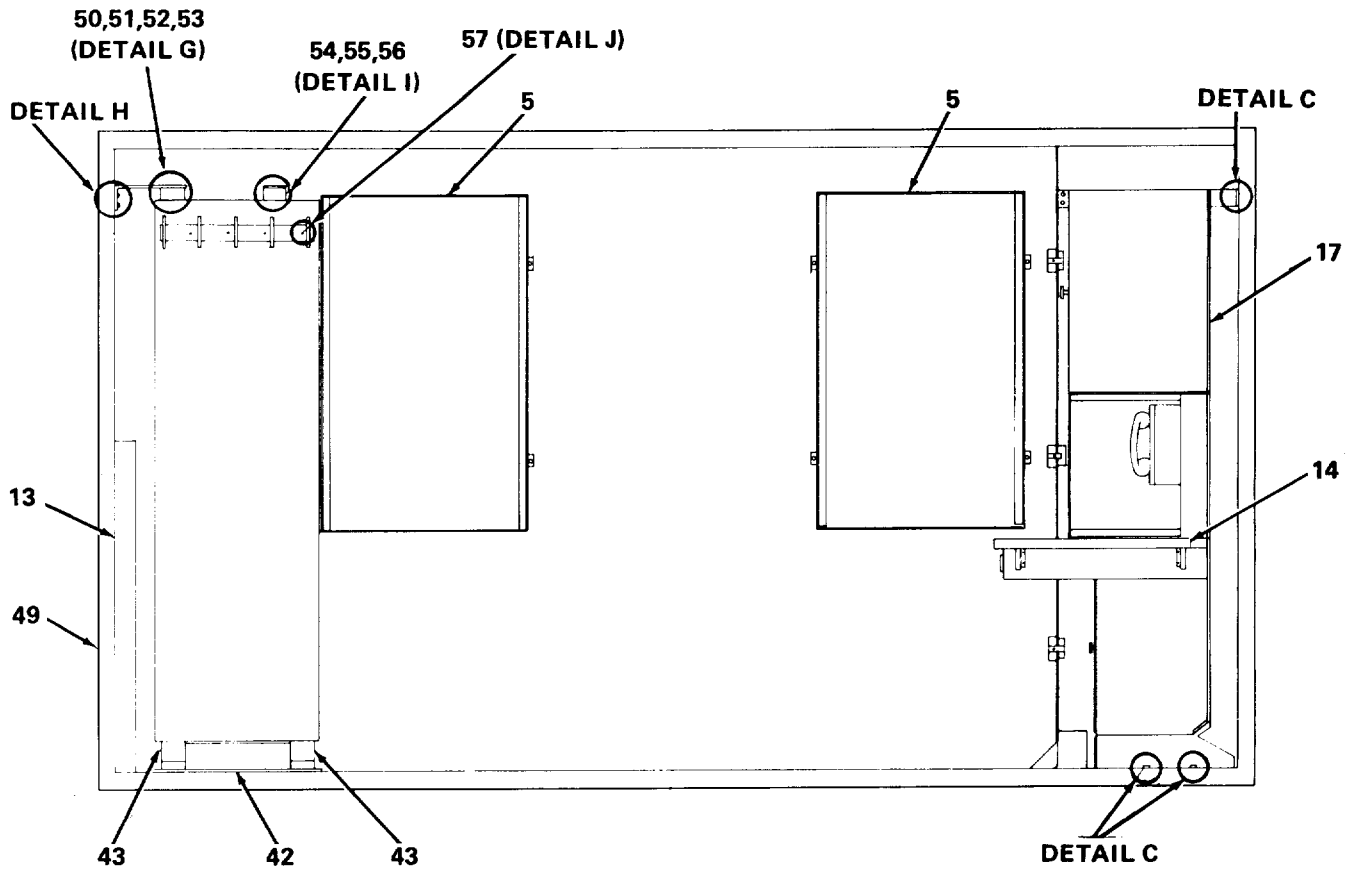


Figure E-1. Administrative Control Central, AN/TSQ-79 (Sheet 3 of 6)
E-5



SECTION C-C

Figure E-1. Administrative Control Central, AN/TSQ-79 (Sheet 4 of 6)



SECTION D-D

Figure E-1. Administrative Control Central, AN/TSQ-79 (Sheet 5 of 6)

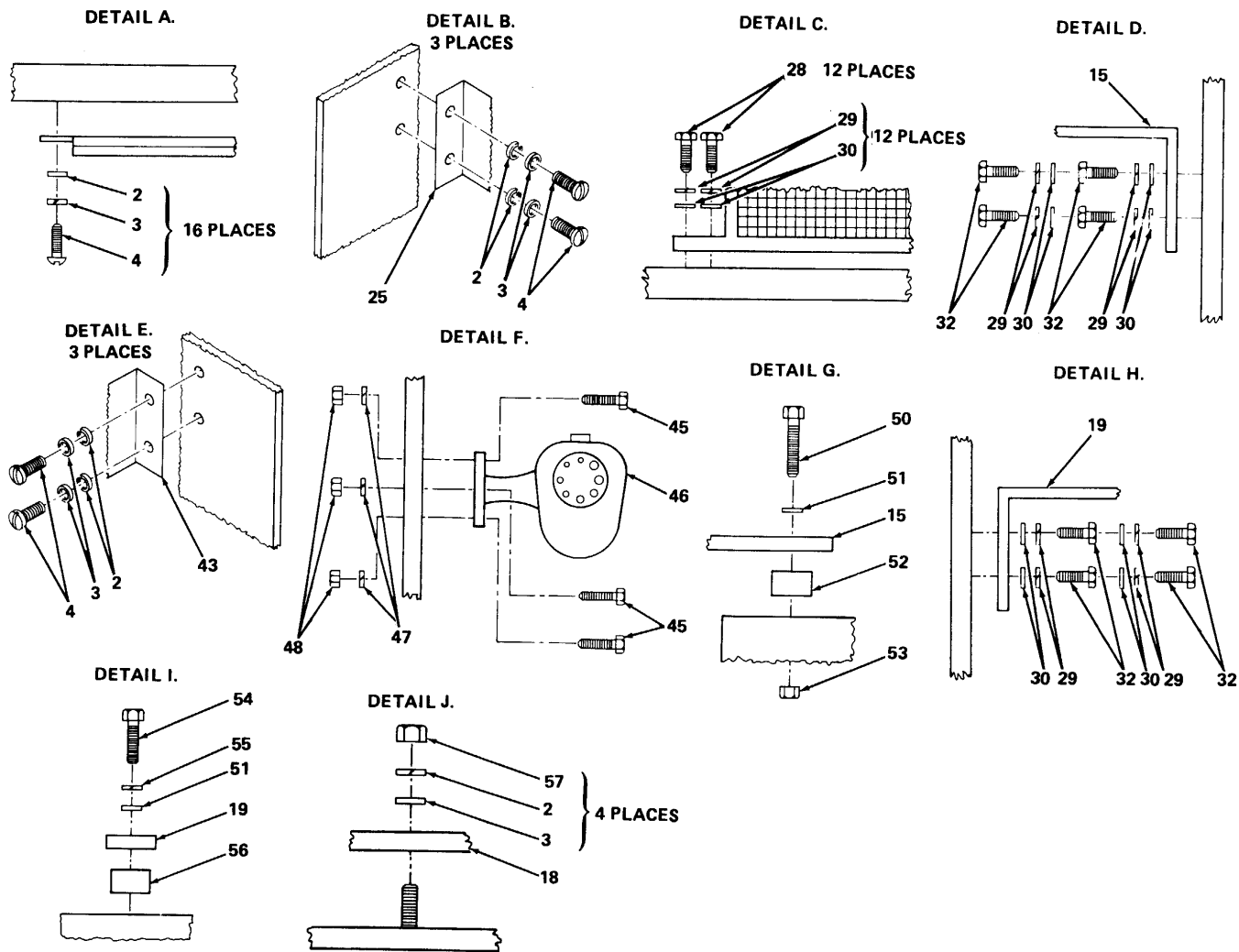


Figure E-1. Administrative Control Central, AN/TSQ-79 (Sheet 6 of 6)

Section II. REPAIR PARTS LIST

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION <i>USABLE ON CODE</i>	U/M	QTY INC IN UNIT
E-1		XBFFF		02834-3004-1	15942	GROUP: 00 ADMINISTRATIVE CONTROL CENTRAL AN/TSQ-79 (15942)		
E-1	2	PAFZZ	5310-00-933-8120	MS35338-138	96906	CHAIR ASSY W/TIEDOWN	EA	3
E-1	3	PAFZZ	5310-00-550-5054	MS15795-809	96906	WASHER' LOCK, NO. 10	EA	32
E-1	4	PAFZZ	5305-00-059-3661	MS51958-65	96906	WASHER, FLAT, NO 10	EA	32
E-1	5	XBFFF		0283-4-4504	15942	SCREW, MACHINE, PAN HD., NO. 10-32 UNF X 3/4 IN. LG	EA	28
E-1	6	XBFFF		0283-4-4506-9	15942	BULLETIN BOARD ASSY	EA	4
E-1	7	XBFFF		0283-1-3999-9	15942	CORNER CONSOLE ASSY	EA	1
E-1	8	XBFFF		0283-4-4504-1	15942	NAMEPLATE	EA	1
E-1	9	XBFFF		0283-4-4504-1	15942	ELECTRICAL DUCT INSTALLATION	EA	
E-1	10	XBFFF		0283-4-4504-1	15942	INSTALLATION	EA	
E-1	9	XBFFF		0283-4-4504-1	15942	TERMINAL, LUG, SLIP-ON	EA	1
E-1	10	XBFFF	5305-00-054-6672	MS51957-47	96906	SCREW, MACHINE, PAN HD., NO.8-32 UNC X 3/4 IN.LG	EA	2
E-1	11	XBFFF	5310-00-933-8119	MS35338-137	96906	WASHER, LOCK, NO. 8	EA	2
E-1	12	XBFFF	5310-00-619-1148	MS15795-808	96906	WASHER, FLAT, NO. 8	EA	2
E-1	13	XBFFF		61036-70AL	63448	NEUTRAL BLOCK	EA	2
E-1	14	XBFFF		0283-4-4507	15942	WORK SURFACE EXTENSION ASSY	EA	3
E-1	15	XBFFF		0283-4-300	15942	BRACKET, STABILIZER	EA	1
E-1	16	XBFFF	5940-00-168-3382	B231	98481	CONNECTOR BUTT	EA	3
E-1	17	XBFFF		0283-4-3502	15942	CABINET SAFE, MODIFIED	EA	1
E-1	18	XBFFF		0283-4-3503	15942	COAT MANGER	EA	1
E-1	19	XBFFF		0283-4-3000-2	15942	BRACKET, STABILIZER	EA	1
E-1	20	XBFFF		0283-4-4506-7	15942	CORNER CONSOLE ASSY	EA	1
E-1	21	XBFFF		0283-4-4011-6	15942	CABLE ASSY	EA	1
E-1	22	XBFFF		0283-4-4504-2	15942	ELECTRICAL DUCT INSTALLATION	EA	1
E-1	23	XBFFF		0283-4-4506-8	15942	CORNER CONSOLE ASSY	EA	1

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION <i>USABLE ON CODE</i>	U/M	QTY INC IN UNIT
E-1	24	XBFFF		02834-3501	15942	CLOCK ASSY, REMOTE DISPLAY	EA	1
E-1	25	XBFZZ		0283 4-3504	15942	STABILIZER BRACKET	EA	3
E-1	26	PAFDD	7430-00-634-5062	NPN	NPN	CORNER CONSOLE	EA	1
E-1	27	XBFFF		566-3-3961	15942	TYPEWRITER, ELITE	EA	1
E-1	28	PAFZZ	5305-00-207-8253	MS35307-308	96906	CALCULATOR TRAY ASSY	EA	24
E-1	29	PAFZZ	5310-00-933-8121	MS35338-139	96906	SCREW, CAP; HEX. HD., 0 UNC X 1.0 IN. LG	EA	32
E-1	30	PAFZZ	5310-00-582-5677			WASHER, LOCK, 1/41N.	EA	32
E-1	31		5805-00-945-8549	TA676G	80058	WASHER, FLAT, 1/4 IN.	EA	1
E-1	32	PAFZZ	5305-00-021-3620	MS35307-307	96906	TELEPHONE	EA	8
E-1	33	PAFDD	7125-00-952-9091	MX7197G	80058	SCREW. CAP, HEX. HD., 1 /4-20 UNC X 7/8 IN. LG	EA	4
E-1	34	PAOZZ	6545-00-922-1200	DODC6545		DRAWER MX7197G	EA	1
E-1	35	PAOZZ	7520-00-224 7589	NPN		FIRST AID KIT	EA	1
E-1	36	PAOZZ	7520-00-162-7111	NPN		PERFORATOR, 2 HOLE	EA	1
E-1	37	PAOZZ	7520-00-285-7591	NPN		NUMBERING MACHINE	EA	1
E-1	38	PAOZZ	7520-00-163-2568	NPN		STAPLER	EA	1
E-1	39	XBFZZ		02834-2501	15942	PERFORATOR, 3 HOLE	EA	1
E-1	40	XBFZZ		0283-4-3301	15942	DOCUMENT DRAWER, MODIFIED	EA	1
E-1	41	XBFZZ		0283-4-2300-1	15942	PLATE. MTG, SAFE	EA	4
E-1	42	XBFZZ	5340-00-969-6502	NAS1397R5	80205	SPACER	EA	1
E-1	43	XBFZZ		0283-4-3505	15942	CLAMP, CABLE	EA	3
E-1	44	PAFDD	5805-00-543-0012	TA312PT	81349	CORNER CABINET STABILIZER, REAR	EA	1
E-1	45	PAFZZ	5305-00-054-6654	MS51957-30	96906	TELEPHONE SET TA312PTT	EA	3
E-1	46	PAOZZ	7520-00-162-6178	NPN		SCREW, MACHINE, PAN HD., NO. 6-32 UNC X 1 /2 IN. LG	EA	1
						PENCIL SHARPENER		

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION <i>USABLE ON CODE</i>	U/M	QTY INC IN UNIT
E-1	47	PAFZZ	5310-00-880-5978	MS15795-807	96906	WASHER, LOCK, NO. 6	EA	3
E-1	48	PAFZZ	5310-00-081-8087	MS21044N06	96906	NUT, SELF-LOCKING, NO. 6-32 UNC	EA	3
E-1	49	XBFFF		02834-4502	15942	MODIFIED SHELTER (SEE FIG E-2 FOR BREAKDOWN)	EA	1
E-1	50	PAFZZ	5305-00-822-5853	MS35307-368	96906	SCREW, CAP, HEX. HD., 3/8-16 UNC X 2-1 /2 IN. LG	EA	1
E-1	51	PAFZZ	5310-00-773-7618	MS15795-814	96906	WASHER, FLAT, 3/8 IN.	EA	2
E-1	52	XBFFF		02834-2300-2	15942	SPACER	EA	1
E-1	53	PAFZZ	5310-00-801-5761	F52NE066		NUT, SELF-LOCKING, HEX., 3/8-16 UNC	EA	1
E-1	54	PAFZZ	5305-00-717-5467	MS35307-362	96906	SCREW, CAP, HEX. HD., 3/8-16 UNC X 1 -1 /4 IN. LG	EA	1
E-1	55	PAFZZ	5310-00-984-7042	MS35338-141	96906	WASHER, LOCK, 3/8 IN.	EA	1
E-1	56	XBFFF		02834-2500	15942	SPACER, SAFE STABILIZER	EA	1
E-1	57	PAFZZ	5310-00-877-5797	MS21044N3	96906	NUT, SELF-LOCKING, HEX., NO. 10-32 UNF	EA	4

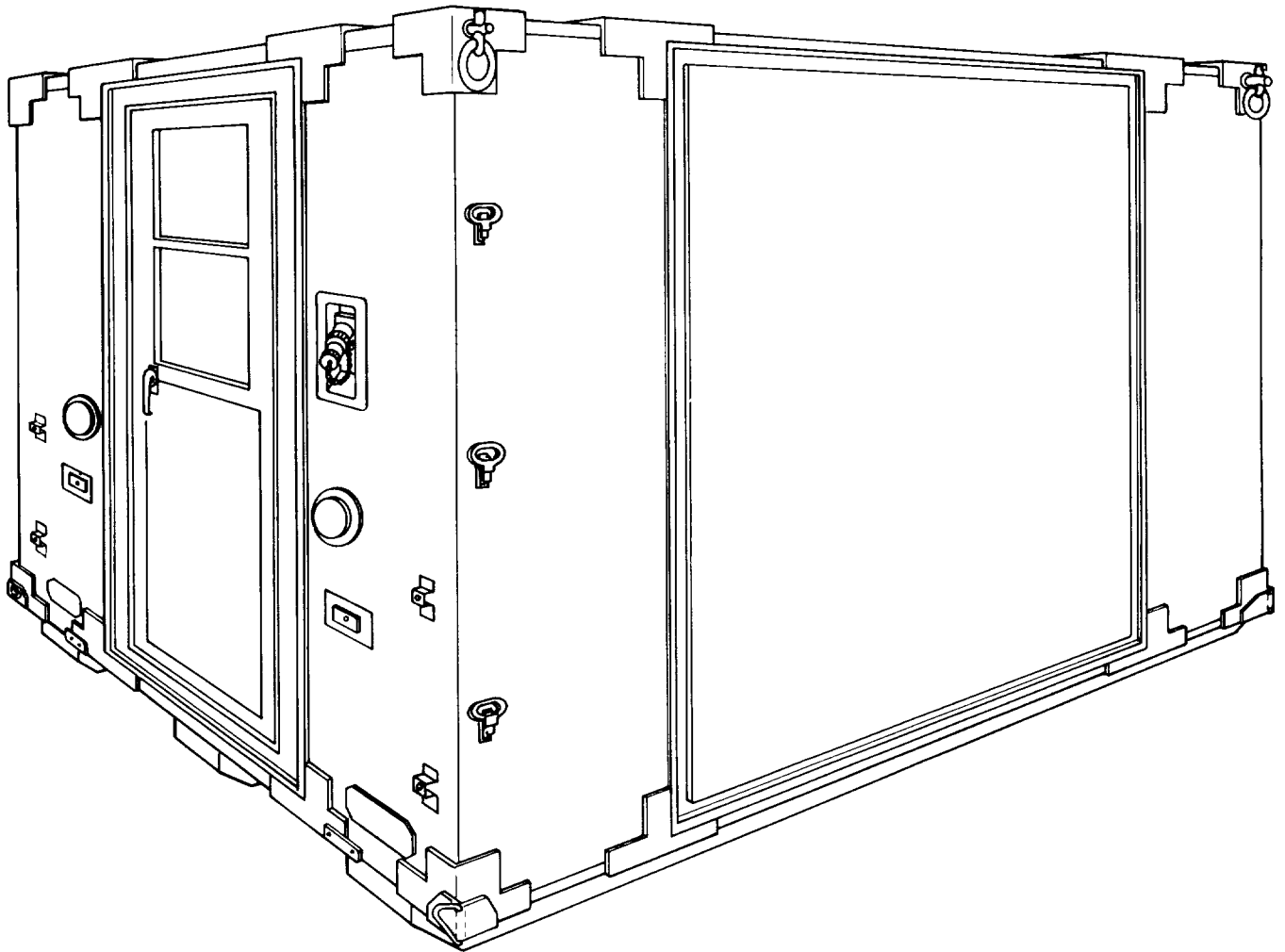


Figure E-2. Electrical Equipment Shelter, S-389/MSA-34 (Modified)(Sheet 1 of 6)

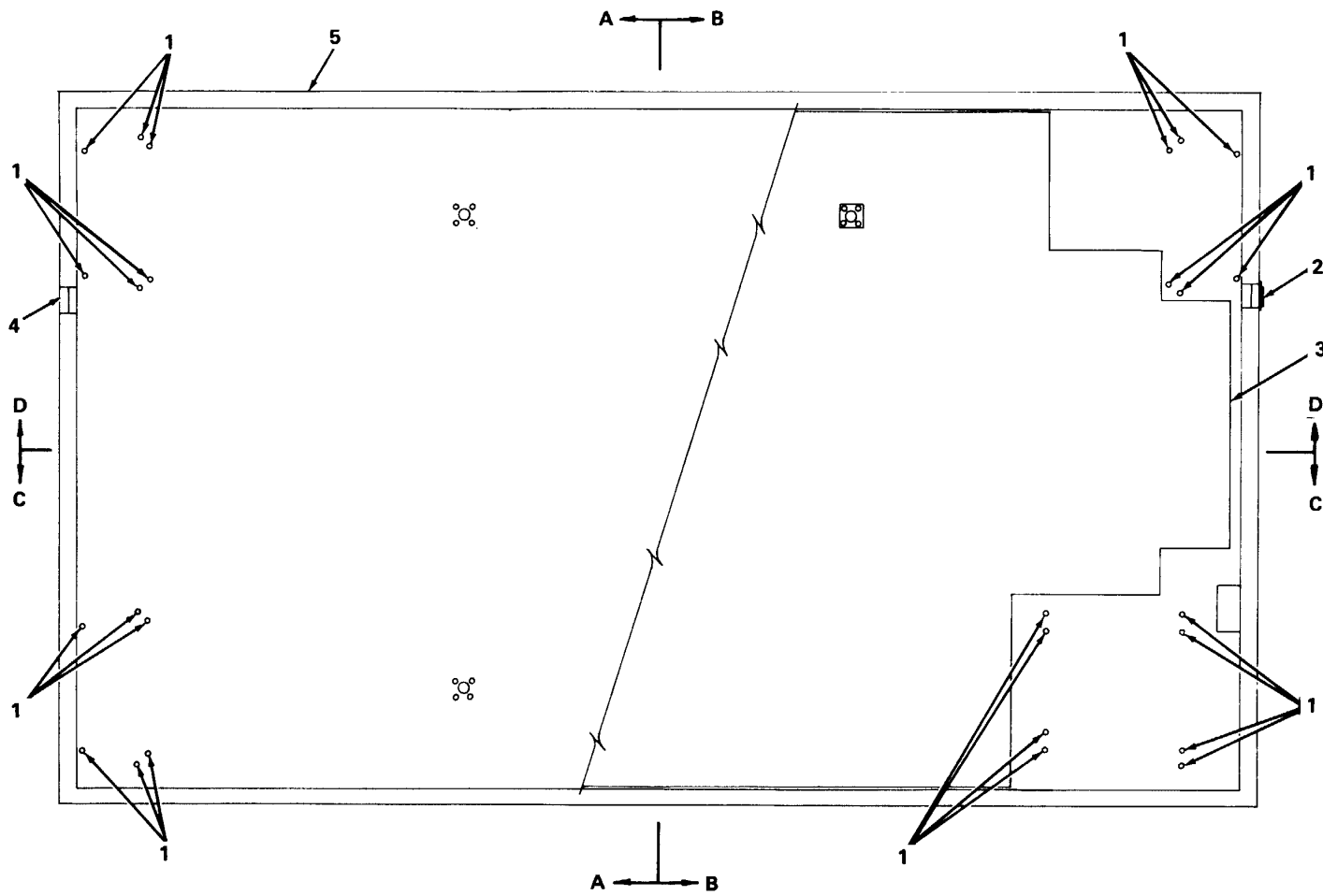
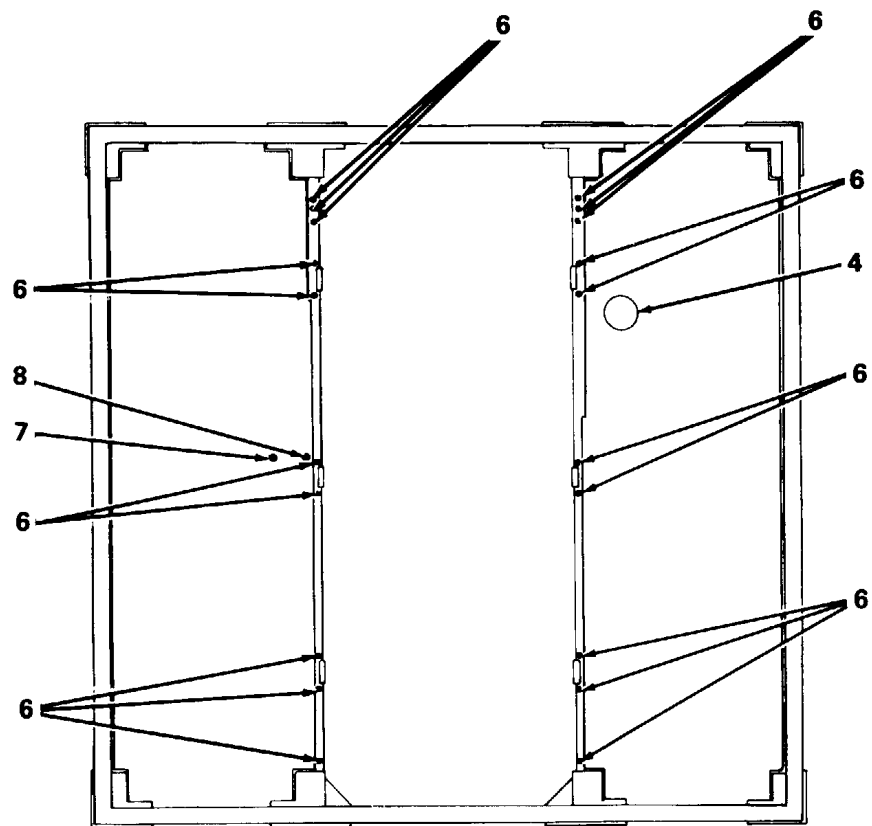
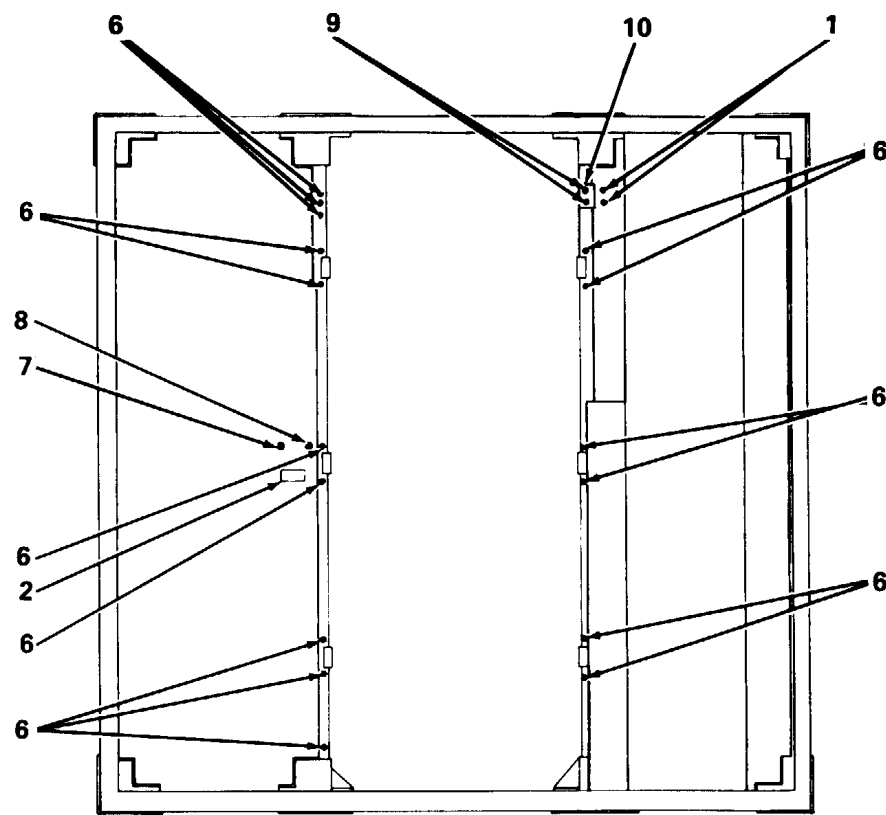


Figure E-2. Electrical Equipment Shelter, S-389/MSA-34 (Modified)(Sheet 2 of 6)
E-14

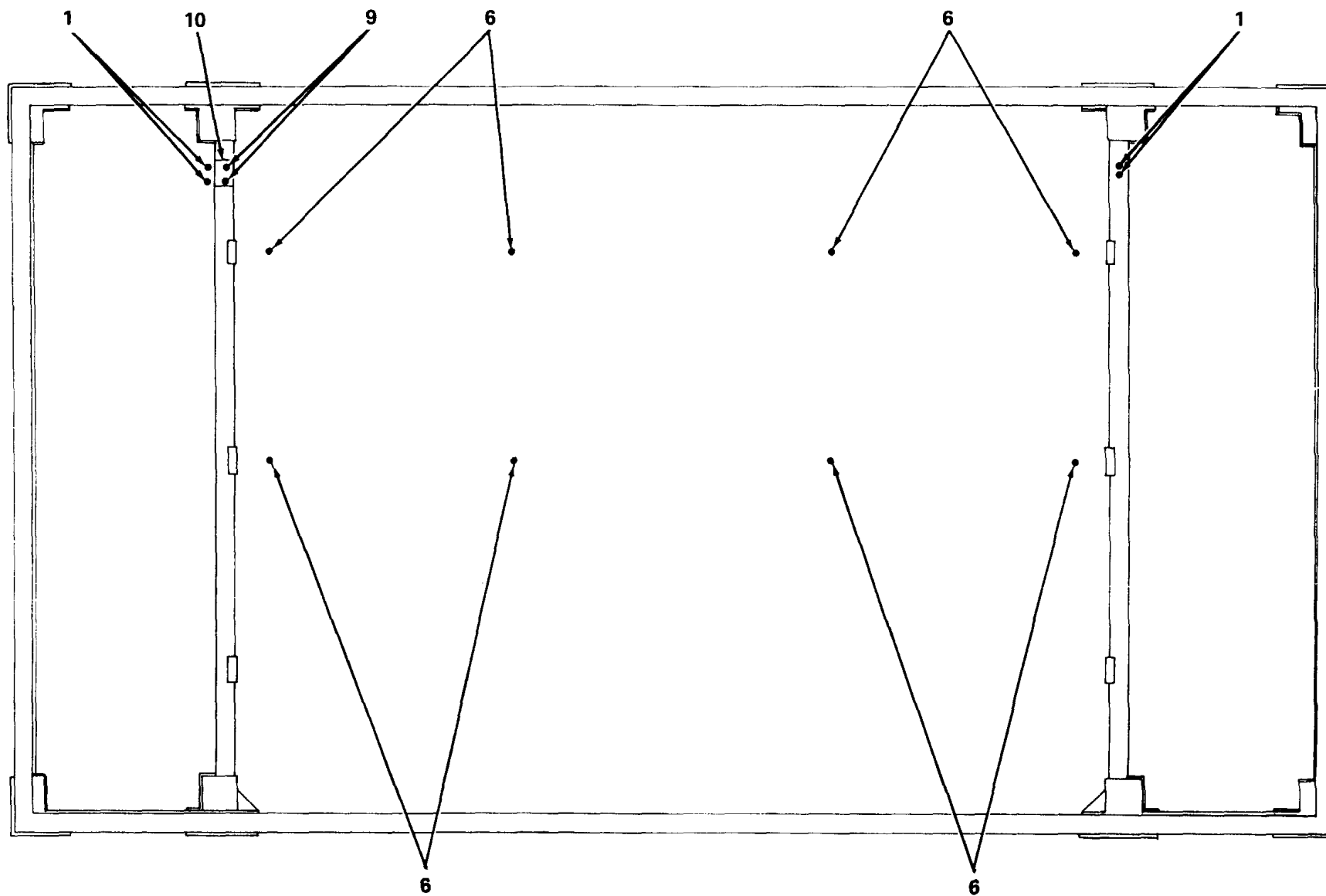


SECTION A-A



SECTION B-B

Figure E-2. Electrical Equipment Shelter, S-389/MSA-34 (Modified)(Sheet 3 of 6)



SECTION C-C

Figure E-2. Electrical Equipment Shelter, S-389/MSA-34 (Modified)(Sheet 4 of 6)
E-16

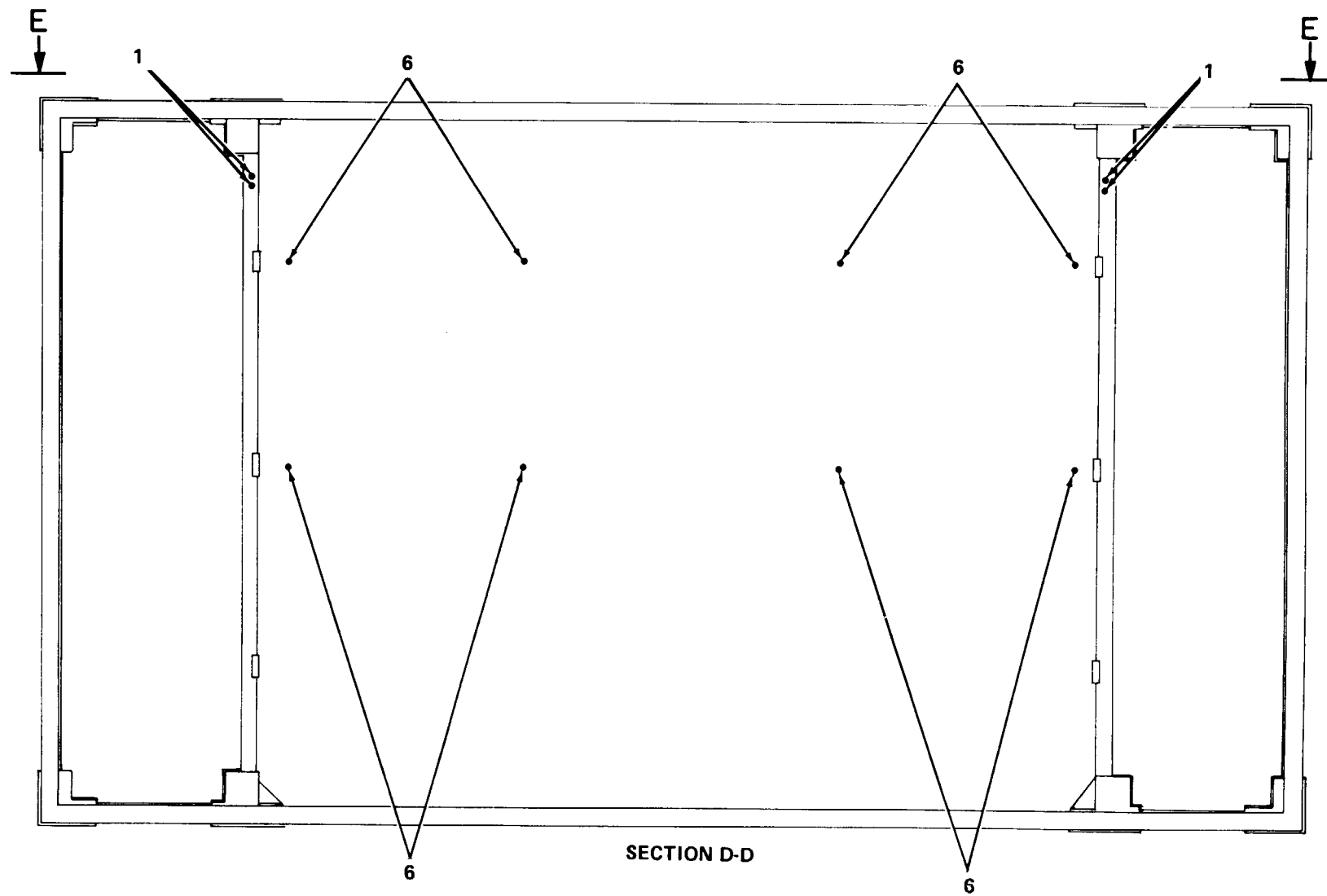
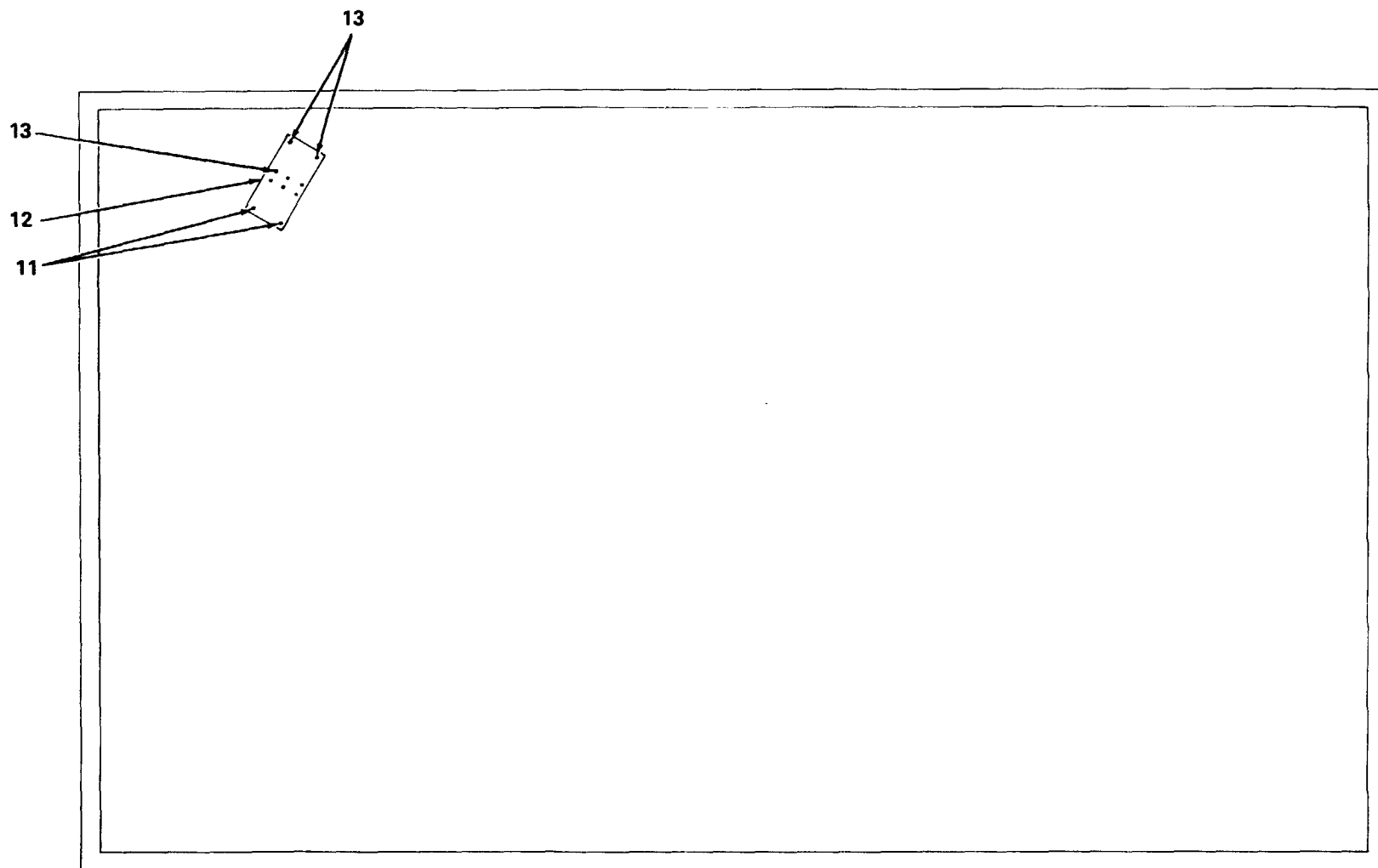


Figure E-2. Electrical Equipment Shelter, S-389/MSA -34 (Modified)(Sheet 5 of 6)



SECTION E-E

Figure E-2. Electrical Equipment Shelter, S-389/MSA-34 (Modified)(Sheet 6 of 6)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
						USABLE ON CODES (UOC)		
E-2	1	PAFZZ	5310-00-827-8976	S25B200	03481	GROUP: 01 OSHELTER ELECTRICAL EQUIPMENT S-389/MSA-34 (MODIFIED) (15942) RIVNUTEA	EA	36
E-2	2	XBFFF		02834-3500	15942	TELEPHONE JUNCTION BOX INSTALLATION	EA	1
E-2	3	XBFZZ		0283-4-3569	15942	FLOOR MAT	EA	1
E-2	4	XBFFF		02834-4005-3	15942	FEEDTHROUGH PANEL ASSY	EA	1
E-2	5	XAFDD		0283-2-1000	15942	SHELTER, ELECTRICAL EQUIPMENT S389/MSA-34	EA	1
E-2	6	PAFZZ	5310-00-948-0755	SNAS132983 B80	80205	RIVNUT	EA	52
E-2	7	PAFZZ		02834-3500	15942	RIVNUT	EA	2
E-2	8	PAFZZ	5310-00-413-0083	S8B160	03481	RIVNUT	EA	2
E-2	9	PAFZZ	5310-00-576-2508	S25B140	25472	RIVNUT	EA	4
E-2	10	XBFZZ		0283-4-2004	15942	SHIM PLATE	EA	2
E-2	11	PAFZZ	5310-00-955-6219	S10B130	25472	RIVNUT	EA	2
E-2	12	XBFZZ		0283-4-2507	15942	CLOCK MOUNTING PLATE	EA	1
E-2	13	PAFZZ	5310-00-413-0028	S10B230	03481	RIVNUT	EA	2

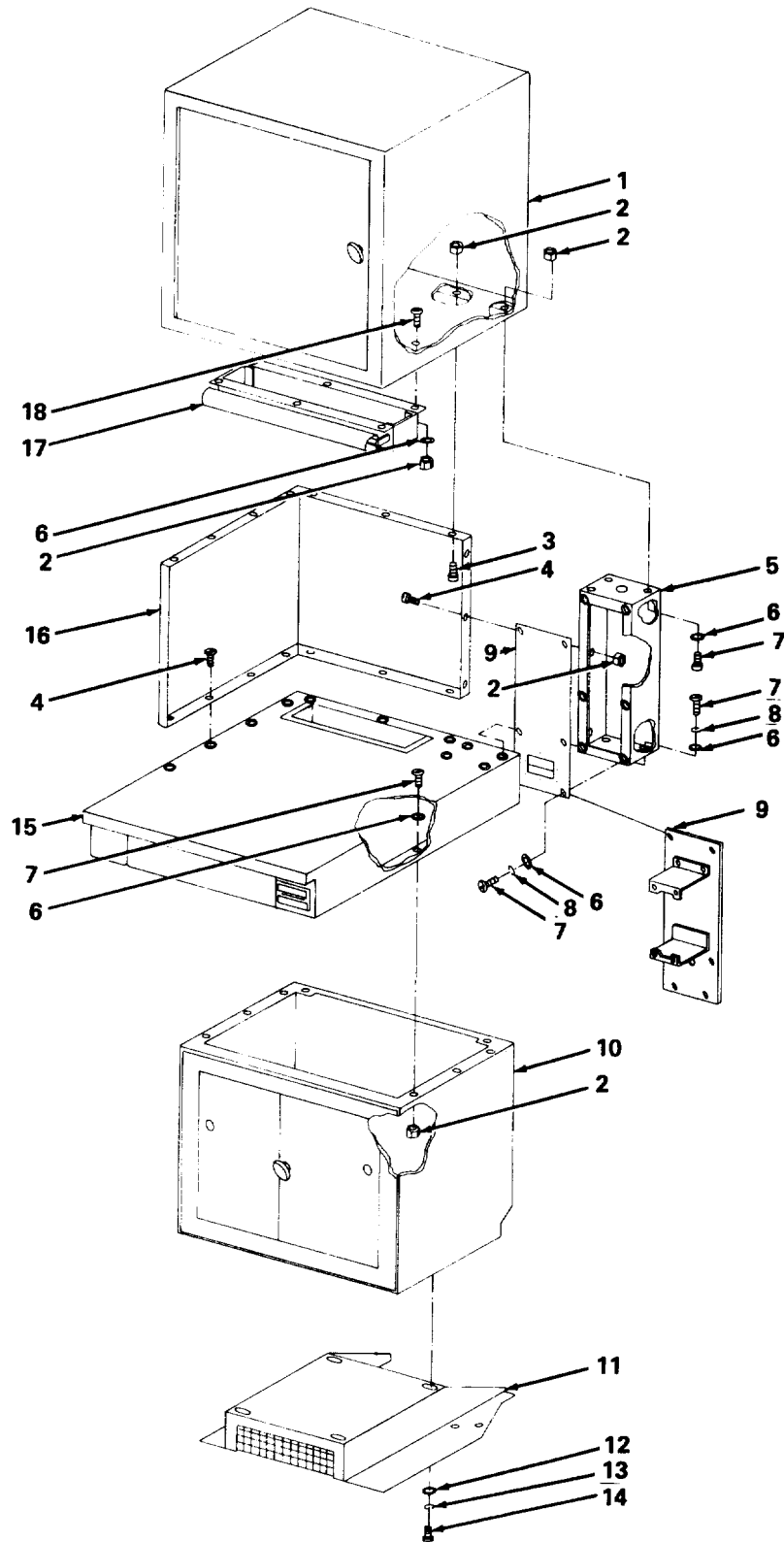


Figure E-3. Corner Console Assembly

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART	(5) FSCM	(6) DESCRIPTION USABLE ON CODES (UOC)	(7) U/M	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.							
E-3						GROUP: 02 CORNER CONSOLE ASSY NO. 1 (15942)		
E-3						GROUP: 03 CORNER CONSOLE ASSY NO. 3 (15942)		
E-3	1	XBFFF		0283-4-4513-2	15942	UPPER CABINET ASSY		
E-3	2	PAFZZ	5310-00-877-5797	MS21044N3	96906	NUT, SELF-LOCKING, HEX., NO., 10-32 UNF	EA	5
E-3	3	PAFZZ	5305-00-071-1322	MS51960-65	96906	SCREW, MACHINE, FLAT HD., NO. 10-32 UNF X 1/2 IN. LG	EA	1
E-3	4	PAFZZ	5305-00-995-0437	MS51960-66	96906	SCREW, MACHINE. FLAT HD., NO. 10-32 UNF X 5/8 IN. LG	EA	2
E-3	5	XBFFF		028344511-4	15942	ELECTRICAL DUCT EXTENSION ASSY	EA	1
E-3	6	PAFZZ	5310-00-550-5054	MS15795-809	96906	WASHER, FLAT, NO. 10	EA	5
E-3	7	PAFZZ	5303-00-059-3660	MS51958-64	96906	SCREW, MACHINE, PAN. HD., NO. 10-32 UNF X 5/8 IN. LG	EA	4
E-3	8	PAFZZ	5310-00-933-8120	MS35338-138	96906	WASHER, LOCK, NO. 10	EA	2
E-3	9	XBFFF		0283-4-3509	15942	TELEPHONE MOUNTING PANEL ASSY	EA	1
E-3	10	XBFFF		028344508-2	15942	GROUP: 0202, 0402 LOWER CABINET ASSY	EA	1
E-3	11	XBFFF		02834-3508	15942	GROUP: 0210,0410 BASE AND AIR DUCT ASSY	EA	1
E-3	12	PAFZZ	5310-00-582-5677	MS15795-810	96906	WASHER. FLAT, 1/4 IN.	EA	1
E-3	13	PAFZZ	5310-00-933-8121	MS35338-139	96906	WASHER, LOCK, 1/4 IN.	EA	1
E-3	14	PAFZZ	5305-00-7024523	MS35307-306	96906	SCREW, CAP, HEX. HD 1/4-20 UNC X 3/4 IN. LG	EA	1
E-3	15	XBFFF		02834-4509-6	15942	WORK SURFACE ASSY	EA	1
E-3	16	XBFFF		0283-44510	15942	TACK BOARD ASSY	EA	1
E-3	17	XBFFF		02834-3533-2	15942	LIGHT UNIT ASSY	EA	1
E-3	18	PAFZZ	5305-00-059-3659	MS51958-63	96906	SCREW, MACHINE, PAN. HD., NO. 10-32 UNF X 1/2 IN. LG	EA	1

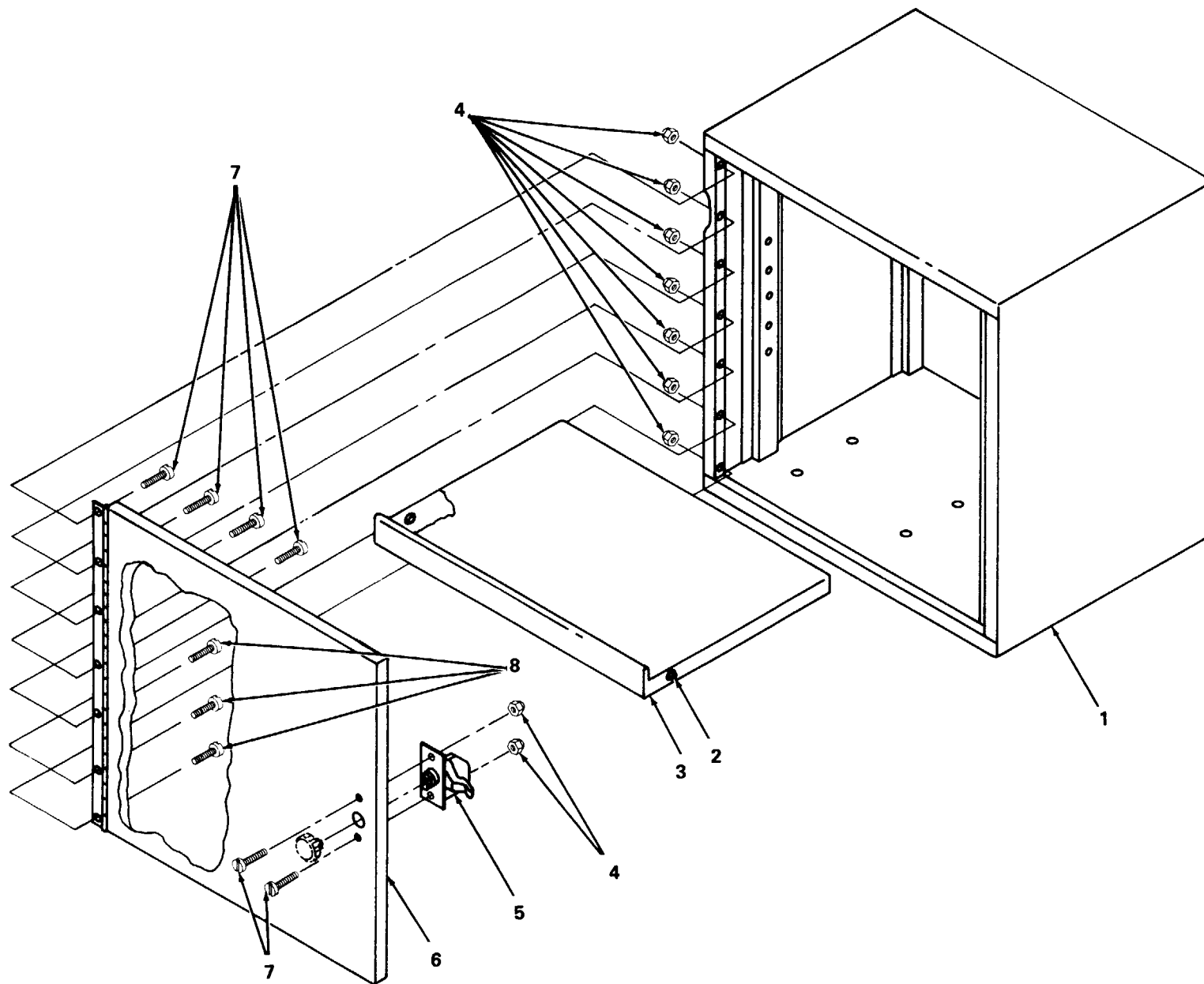


Figure E-4. Upper Cabinet Assembly
E-22

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
						USABLE ON CODES (UOC)		
						GROUP: 0201,0301 UPPER CABINET ASSY (15942)		
E-4	1	XAFZZ		02834520-1	15942	UPPMER CABINET ASSY		
E-4	2	PAFZZ	5325-00-491-1402	56-10801-10	94222	PLUNGER. SPRING LOADED	EA	1
E4	3	XAFZZ		02834-2520-1	15942	SHELF	EA	1
E4	4	PAFZZ	5310-00-081-8087	MS21044N06	96906	NUT, SELF-LOCKING, HEX., NO. 6-32 UNC	EA	9
E4	5	PAFZZ	5340-00-070-2066	4499-116-13	94222	ADJUSTABLE PAWL FASTENER	EA	1
E-4	6	XBFZZ		0283-4-4521-1	15942	DOOR ASSY, UP PER CABINET	EA	1
E-4	7	PAFZZ	5305-00-054-6654	MS51957-30	96906	SCREW ASSY, MACHINE, PAN. HD., NO. 6-32 UNC X 1/2 IN. LG	EA	9

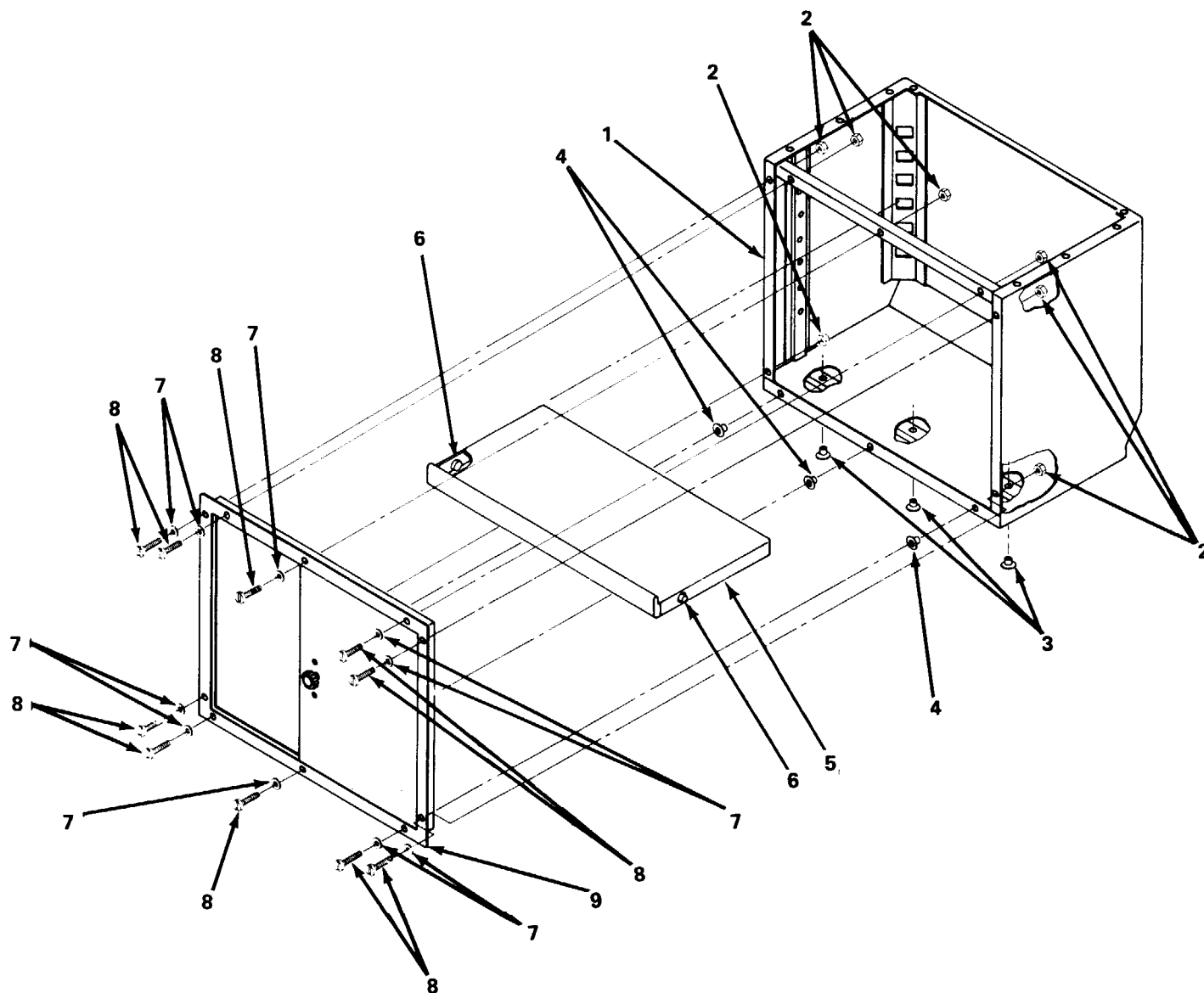


Figure E-5. Lower Cabinet Assembly

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
						USABLE ON CODES (UOC)		
E-5						GROUP: 0202, 0302, LOWER CABINET ASS (15942)		
E-5	1	XAFZZ		0283-4-4515-1	15942	GROUP: 0402 LOWER CABINET ASSY (15942)	EA	1
E-5	1	XAFZZ		028344515-2	15942	LOWER CABINET (USED WITH 0283-4-4508-1)	EA	1
E-5	2	PAFZZ	5310-00-877-5797	MS21044N3	96906	LOWER CABINET (USED WITH 0283-4-4508-2)	EA	1
E-5	3	PAFZZ	5310-00-180-5117	S10-130	03481	NUT, SELF-LOCKING. HEX., NO. 10-32 UNF	EA	7
E-5	4	PAFZZ	5310-00-006-8291	MS27130S32	96906	RIVNUT	EA	3
E-5	5	XAFZZ		0283-42509-1	15942	NUT, PLAIN, BLIND	EA	3
E-5	6	PAFZZ	5325-00491-1402	56-10-801-10	94222	SHELF	EA	1
E-5	7	PAFZZ	531-000-550-5054	MS15795-809	96906	PLUNGER	EA	1
E-5	8	PAFZZ	5303-00-059-3660	MS51958-64	96906	WASHER. FLAT, NO. 10	EA	10
E-5	9	XBFFF		0283-4-4516-1	15942	SCREW. MACHINE, PAN. HD., NO. 10-32 UNF X 5/8 IN. LG	EA	10
E-5						SLIDING DOOR ASSY	EA	1

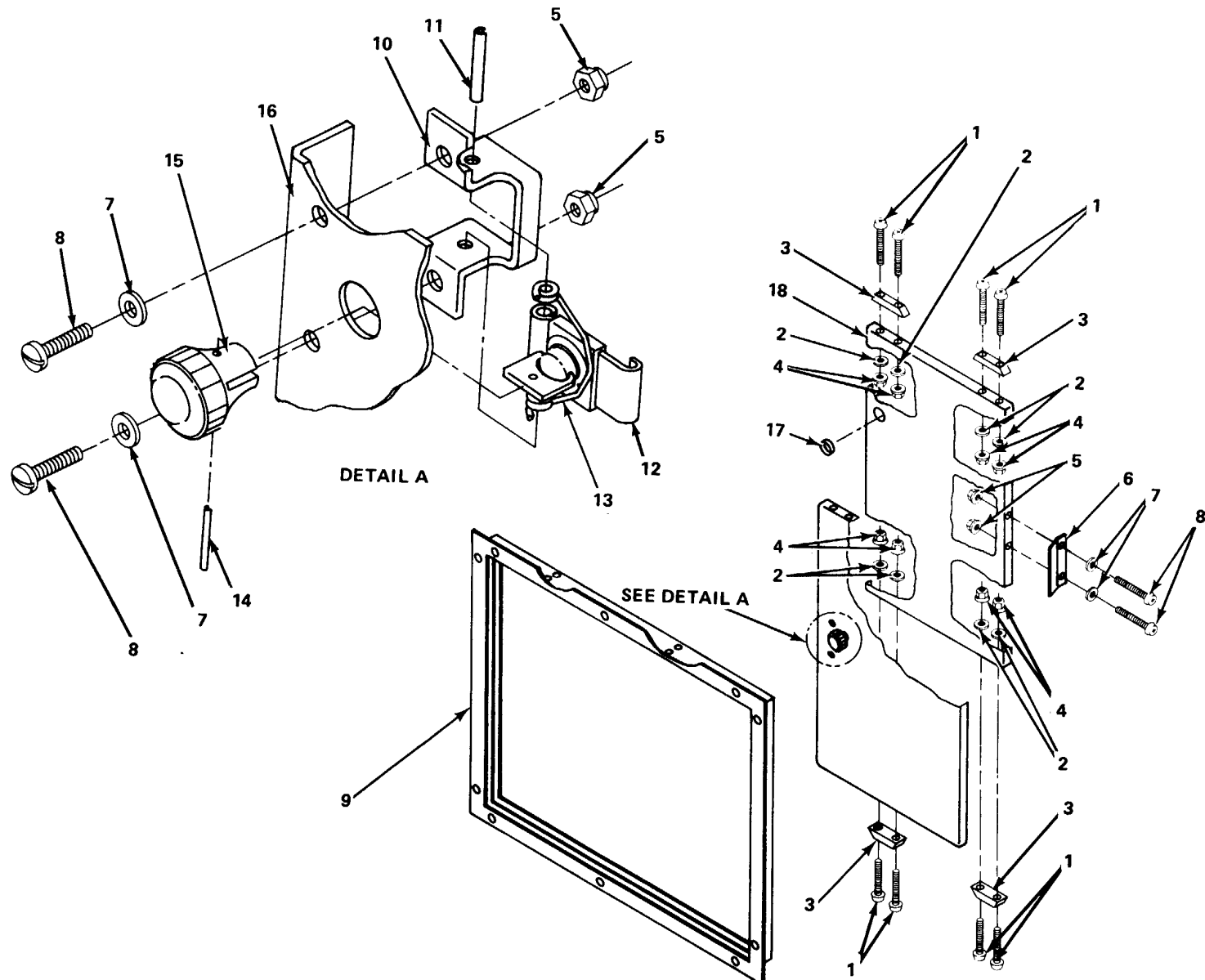


Figure E-6. Sliding Door Assembly
E-26

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART	(5) FSCM	(6) DESCRIPTION USABLE ON CODES (UOC)	(7) U/M	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.							
E-6	1	PAFZZ	5305-00-764-0071	MS51959-47	96906	GROUP: 020201, 030201, 040201 SLIDING DOOR ASSY (15942)	EA	8
E-6	2	PAFZZ	5310-00-619-1148	MS15795-808	96906	SCREW, MACHINE, FLAT HD., NO. 8-32 UNC X 3/4 IN. LG.	EA	8
E-6	3	XBFZZ		566-1-2028	15942	WASHER, FLAT. NO. 8	EA	4
E-6	4	PAFZZ	5310-00-811-3494	MS21044N08	96906	SLIDE BLOCK	EA	8
E-6	5	PAFZZ	5310-00-877-5797	MS21044N3	96906	NUT, SELF-LOCKING. HEX., NO. 8-32 UNC	EA	4
E-6	6	XBFZZ		566-1-2032	15942	NUT, SELF-LOCKING, HEX NO. 10-32 UNF	EA	1
E-6	6	XBFZZ		02834-2569-1 0283-4516-3)	15942	LATCH PLATE (USED WITH 02834-4516-1 AND -2)	EA	1
E-6	7	PAFZZ	5310-00-550-5054	MS15795-809	96906	LATCH PLATE (USED WITH	EA	4
E-6	8	PAFZZ	5305-00-059-3659	MS51958-63	96906	WASHER, FLAT. NO. 10	EA	4
E-6	9	XBFZZ		0283-4-3543	15942	SCREW, MACHINE, PAN. HD., NO. 10-32 UNF X 1/2 IN. LG	EA	1
E-6	10	XBFZZ		566-1-2031	15942	DOOR FRAME (USED WITH 02834-45 16-1)	EA	1
E-6	11	PAFZZ	5315-00-734-5634	NAS561P3-20	80205	BRACKET	EA	1
E-6	12	XBFZZ		566-1-2030	15942	SPRING PIN. 3/32 DIA. X 1-1/4 IN. LG	EA	1
E-6	13	XBFZZ		566-1-2029	15942	LINK LOCK	EA	1
E-6	14	PAFZZ	5315-00-844-3943	52-012-062- 0750	72962	SPRING, TORSION	EA	1
E-6	15	XBFZZ		566-1-2027	15942	SPRING PIN, 1/16 DIA. X 3/4 IN. LG.	EA	1
E-6	16	XBFZZ		02834-3523	15942	KNOB	EA	1
E-6	17	XBFZZ		T5100-14	89198	SLIDING DOOR, RH (USED WITH 028344516-1)	EA	1
E-6	18	XBFZZ		02834-3545	15924	FINGER PULL	EA	1
						SLIDING DOOR, LH (USED WITH 0283-44516-2)	EA	1

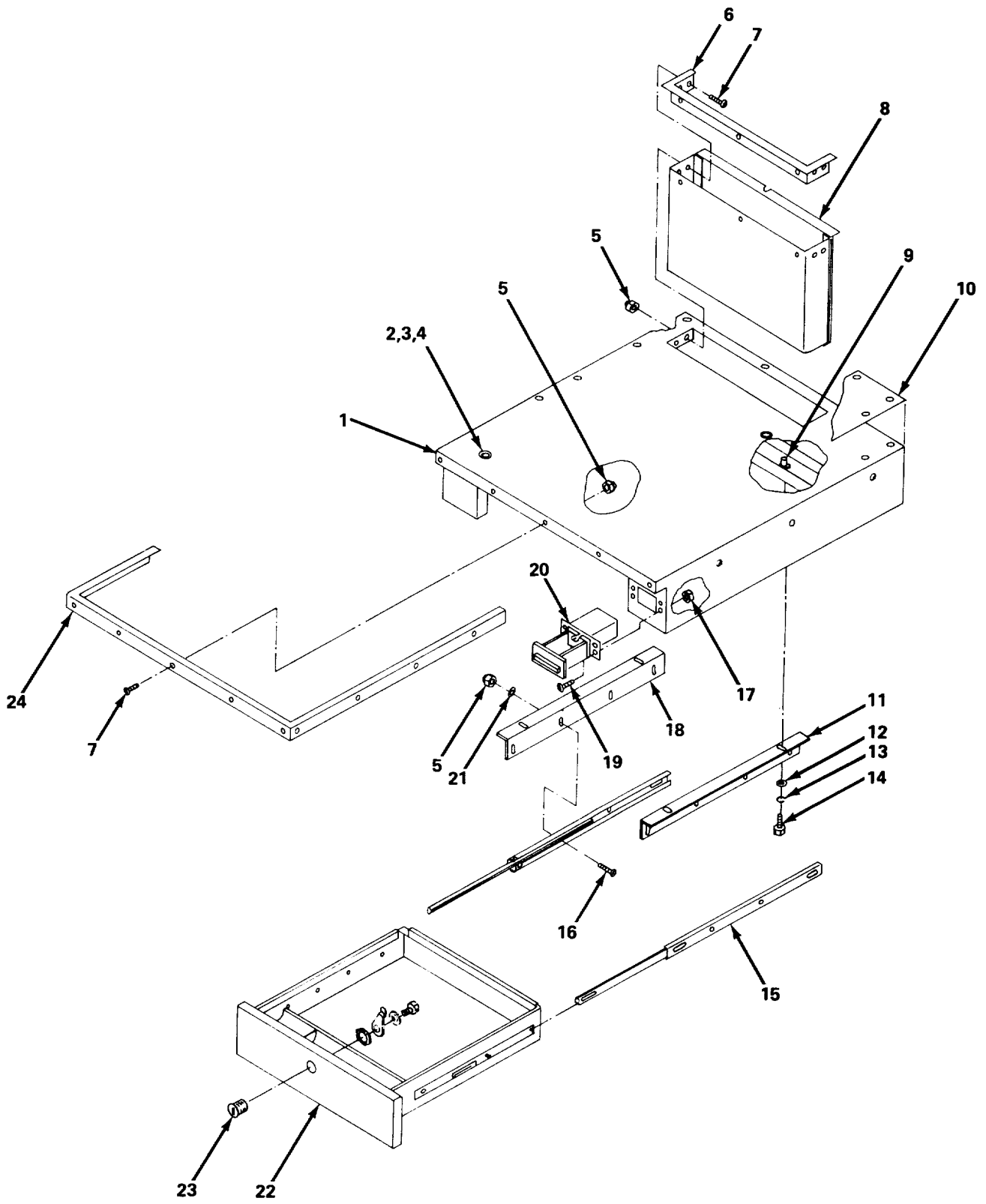


Figure E-7. Work Surface Assembly
E-28

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART	(5) FSCM	(6) DESCRIPTION USABLE ON CODES (UOC)	(7) U/M	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.							
E-7	1	XAFZZ		028344517-8	15942	GROUP: 0203, 0303 WORK SURFACE ASSY (15942) WORK SURFACE WELDMENT	EA	1
E-7	2	PAFZZ	5310-00-854-9382	MS25082B11	96906	NUT, PLAIN, HEX ELECTRICAL, THIN, 5/8-24 UNEF	EA	1
E-7	3	PAFZZ	5310-00-614-3505	MS15795-820	96906	WASHER, FLAT, 5/8 IN.	EA	1
E-7	4	XBFZZ		566-3-2966	15942	SOCKET, TIEDOWN	EA	1
E-7	5	PAFZZ	5310-00-081-8087	MS21044N06	96906	NUT, SELF-LOCKING, NO. 6-32 UNC	EA	3
E-7	6	XBFZZ		0283-4-2510	15942	FILE FOLDER WELL EDGE TRIM	EA	1
E-7	7	PAFZZ	5305-00-054-6652	MS51957-28	96906	SCREW, MACHINE. PAN. HD., NO. 6-32 X 3/8 IN. LG	EA	2
E-7	8	XBFZZ		0283-4-3515-2	15942	FILE FOLDER WELL	EA	1
E-7	9	PAFZZ	5310-00-180-5117	S10-130	03481	RIVNUT	EA	1
E-7	10	XBFZZ		02834-3513-2	15942	COVER	EA	1
E-7	11	XBFZZ		02834-2511-2	15942	DRAWER SLIDE SUPPORT ANGLE, RH	EA	1
E-7	12	PAFZZ	5310-00-550-5054	MS15795-809	96906	WASHER, FLAT, NO. 10	EA	1
E-7	13	PAFZZ	5310-00-933-8120	MS35338-138	96906	WASHER, LOCK, NO. 10	EA	1
E-7	14	PAFZZ		10-32X3- 4CRES	70318	SCREW, CAP, HEX. HD., CRES NO 10-32 UNF X 3/4 IN. LG.	EA	1
E-7	15	XBFZZ		320X18INLG	83508	FULL EXTENSION SLIDE-PAIR	EA	1
E-7	16	PAFZZ	5305-00-719-5064	MS51959-30	96906	SCREW, MACHINE, FLAT HD., NO. 6-32 UNC X 1/2 IN. LG	EA	1
E-7	17	PAFZZ	5310-00-088-0551	MS21044N04	96906	NUT, SELF-LOCKING, HEX., NO. 440 UNC	EA	1
E-7	18	XBFZZ		0283-4-2511-1	15942	DRAWER SLIDE SUPPORT ANGLE, LH	EA	1
E-7	19	PAFZZ	5305-00-054-5651	MS51957-17	96906	SCREW, MACHINE, PAN. HD., NO. 4-40 UNC X 1/2 IN. LG	EA	1
E-7	20	XBFZZ		566-1-2006	15942	ASH RECEIVER	EA	1
E-7	21	PAFZZ	5310-00-880-5978	MS15795-807	96906	WASHER, FLAT, NO. 6	EA	1

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
						USABLE ON CODES (UOC)		
E-7	22	XBFZZ		02834-3516	15942	DRAWER	EA	1
E-7	23	XBFZZ		15752XC5L	14608	LOCK, DISC TUMBLER	EA	1
E-7	24	XBFZZ		02834-3514-2	15942	EDGE TRIM	EA	1

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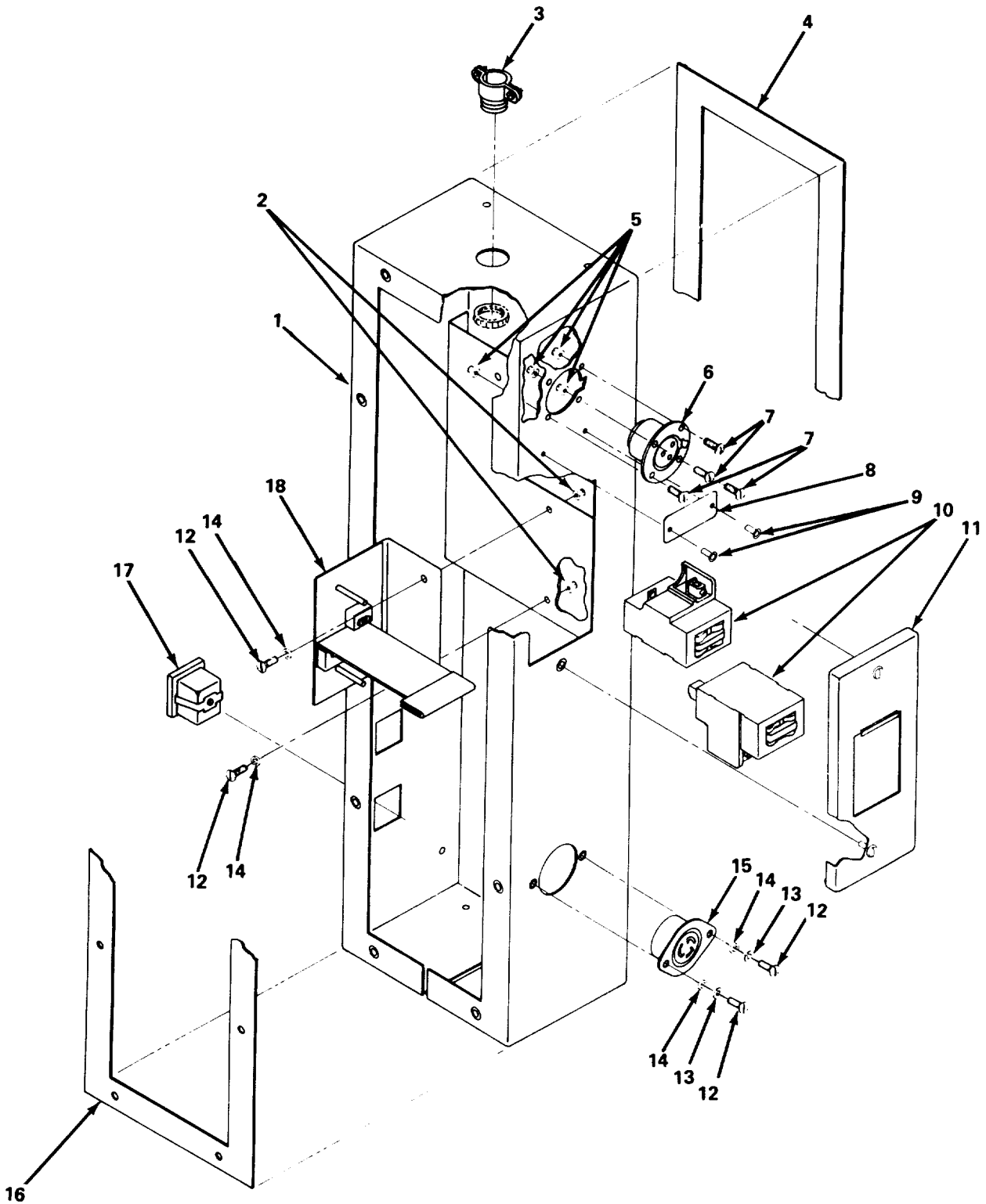


Figure E-8. Electrical Duct Extension Assembly
E-32

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
						USABLE ON CODES (UOC)		
E-8	1	XBFFF		028344518-4	15942	GROUP: 0204 ELECTRICAL DUCT EXTENSION ASSY (15942) ELECTRICAL DUCT EXTENSION	EA	1
E-8	2	PAFZZ	5310-00-081-8087	MS21044N06	96906	NUT, SELF-LOCKING, NO. 6-32 UNC	EA	2
E-8	3	PAFZZ	5975-00-152-1144	3302	59730	CABLE FITTING	EA	1
E-8	4	XBFFZ		028344511-36	15942	GASKET STRIP	EA	1
E-8	5	PAFZZ	5310-00-088-0551	MS21044N04	96906	NUT, SELF-LOCKING, HEX., NO. 4-40 UNC	EA	4
E-8	6	PAFZZ	5935-00-257-7641	P3-13	71468	RECEPTACLE	EA	1
E-8	7	PAFZZ	5303-00-770-2579	MS51959-15	96906	SCREW, MACHINE, FLAT HD., NO. 4-40 UNC X 3/8 IN. LG	EA	4
E-8	8	XBFFZ		0283-4-2615-1	15942	NAMEPLATE	EA	1
E-8	9	PAFZZ	5305-00-253-5604	MS21318-2	96906	DRIVE SCREW	EA	2
E-8	10	PAFZZ	5925-00-553-9899	P115	74193	PUSHMATIC CIRCUIT BREAKER	EA	2
E-8	11	XBFFF		0283-2-2806-2	15942	COVER ASSY, CIRCUIT BREAKER	EA	1
E-8	12	PAFZZ	5305-00-054-6654	MS51957-30	96906	SCREW, MACHINE, PAN. HD., NO. 6-32 UNC X 1/2 IN. LG	EA	4
E-8	13	PAFZZ	5310-00-929-6395	MS35338-136	96906	WASHER, LOCK, NO. 6	EA	2
E-8	14	PAFZZ	5310-00-880-5978	MS15795-807	96906	WASHER, FLAT, NO.6	EA	4
E-8	15	PAFZZ	5935-00-241-0355	7526	74545	RECEPTACLE	EA	1
E-8	16	XBFFZ		0283-4511-25	15942	GASKET STRIP	EA	1
E-8	17	PAFZZ	5935-00-432-7733	1369	75582	CONVENIENCE OUTLET	EA	2
E-8	18	XBFFZ		0283-2-2808	15942	HOLDER, CIRCUIT BREAKER	EA	1

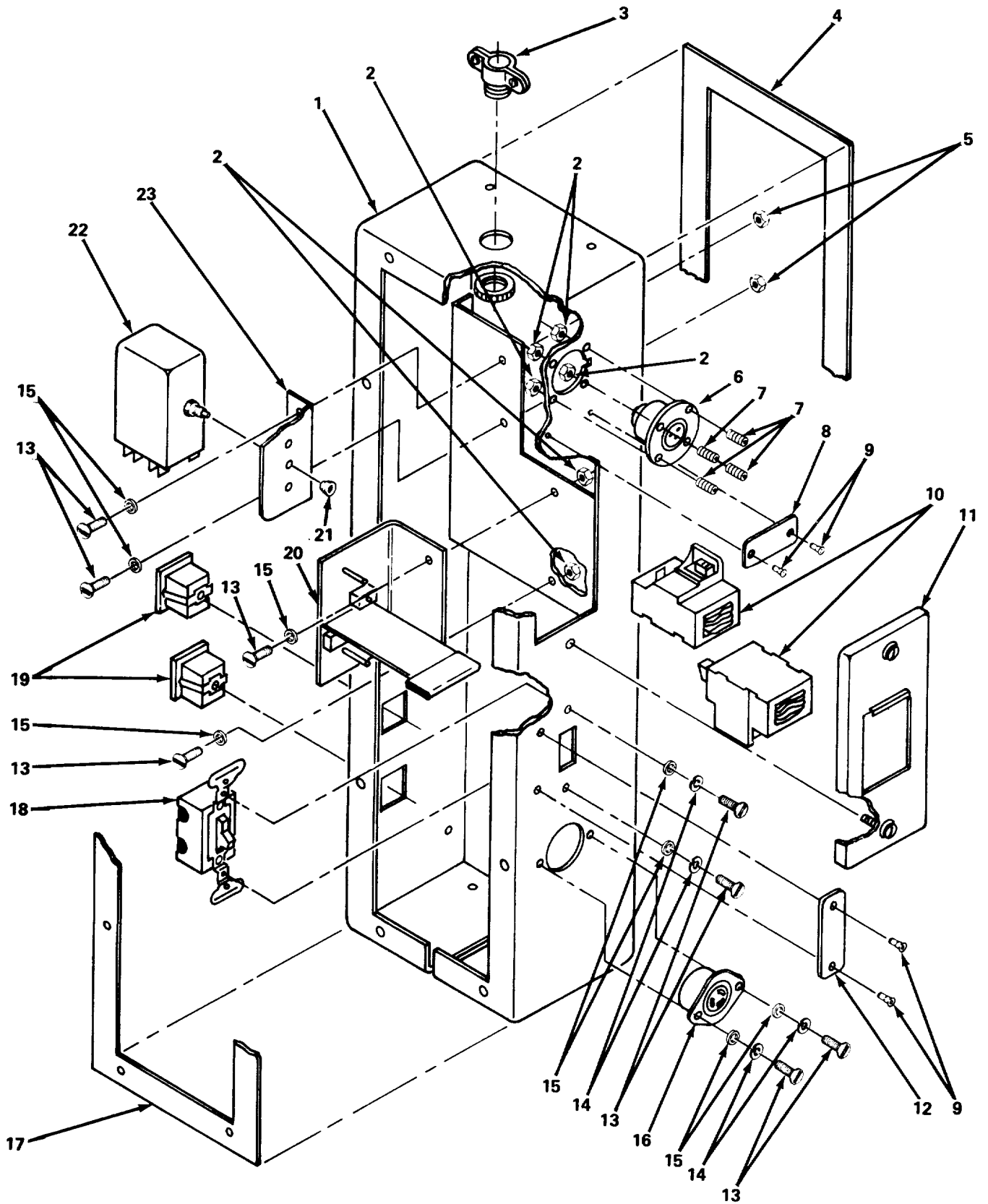


Figure E-9. Electrical Duct Extension Assembly
E-34

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
						USABLE ON CODES (UOC)		
E-9	1	XBFFF		0283-4-4518-2	15942	GROUP: 0304 ELECTRICAL DUCT EXTENSION ASSY (15942) ELECTRICAL DUCT EXTENSION	EA	1
E-9	2	PAFZZ	5310-00-088-0551	MS21044N04	96906	NUT, SELF-LOCKING, HEX., NO. 4-40 UNC	EA	6
E-9	3	PAFZZ	5975-00-152-1144	3302	59730	CABLE FITTING	EA	1
E-9	4	XBFFZ		028344511-36	15942	GASKET STRIP	EA	1
E-9	5	PAFZZ	5310-00-081-8087	MS21044N06	96906	NUT, SELF-LOCKING, NO. 6-32 UNC	EA	2
E-9	6	PAFZZ	5935-00-257-7641	P3-13	71468	RECEPTACLE	EA	1
E-9	7	PAFZZ	5305-00-770-2579	MS51959-15	96906	SCREW, MACHINE, FLAT HD., NO. 440 UNC X 3/8 IN. LG	EA	4
E-9	8	XBFFZ		02834-2615-1	15942	NAMEPLATE	EA	1
E-9	9	PAFZZ	5305-00-253-5604	MS21318-2	96906	DRIVE SCREW	EA	4
E-9	10	PAFZZ	5925-00-553-9899	P115	74193	CIRCUIT BREAKER, PUSHMATIC	EA	2
E-9	11	XBFFF		0283-2-2806-2	15942	COVER ASSY, CIRCUIT BREAKER	EA	1
E-9	12	XBFFZ		0283-2-2921-1	15942	NAMEPLATE	EA	1
E-9	13	PAFZZ	5305-00-054-6654	MS51957-30	96906	SCREW, MACHINE. PAN. HD., NO. 6-32 UNC X 1/2 IN. LG	EA	8
E-9	14	PAFZZ	5310-00-929-6395	MS35338-136	96906	WASHER, LOCK, NO. 6	EA	4
E-9	15	PAFZZ	5310-00-880-5978	MS15759-807	96906	WASHER, FLAT, NO.8	EA	8
E-9	16	PAFZZ	5935-00-729-8660	7529	74545	RECEPTACLE	EA	1
E-9	17	XBFFZ		0283-44511-25	15942	GASKET STRIP	EA	1
E-9	18	PAFZZ	5930-00-912-4552	5503-1	75582	SWITCH, TOGGLE	EA	1
E-9	19	PAFZZ	5935-00-432-7733	1369	75582	CONVENIENCE OUTLET	EA	2
E-9	20	XBFFZ		0283-2-2808	15942	HOLDER, CIRCUIT BREAKER	EA	1
E-9	21	PAFZZ	5310-00-811-34941	MS21044N08	96906	NUT, SELF-LOCKING, HEX., NO. 8-32 UNC	EA	1
E-9	22	PAFZZ	5945-00-995-0029	271-1001 IPI	49956	RELAY	EA	1
E-9	23	XBFFZ		0283-2-2813	15942	RELAY BRACKET	EA	1

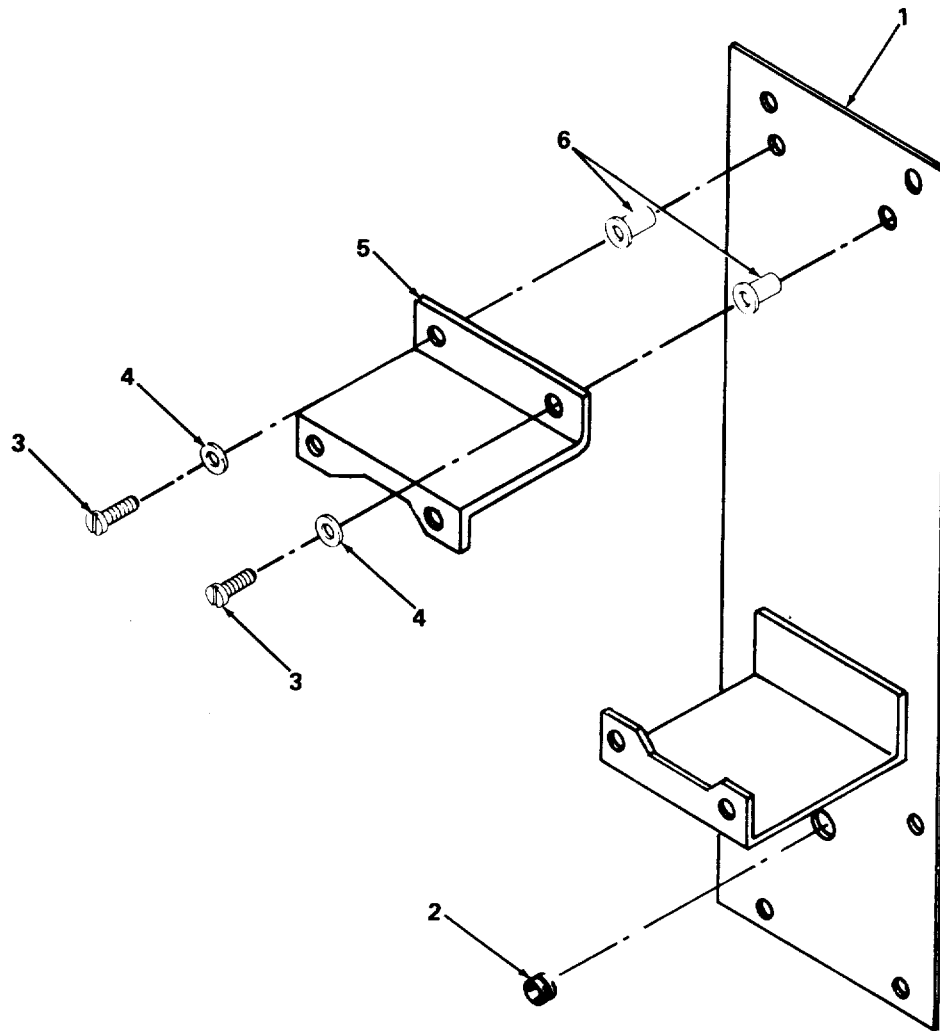


Figure E-10. Telephone Mounting Panel Assembly

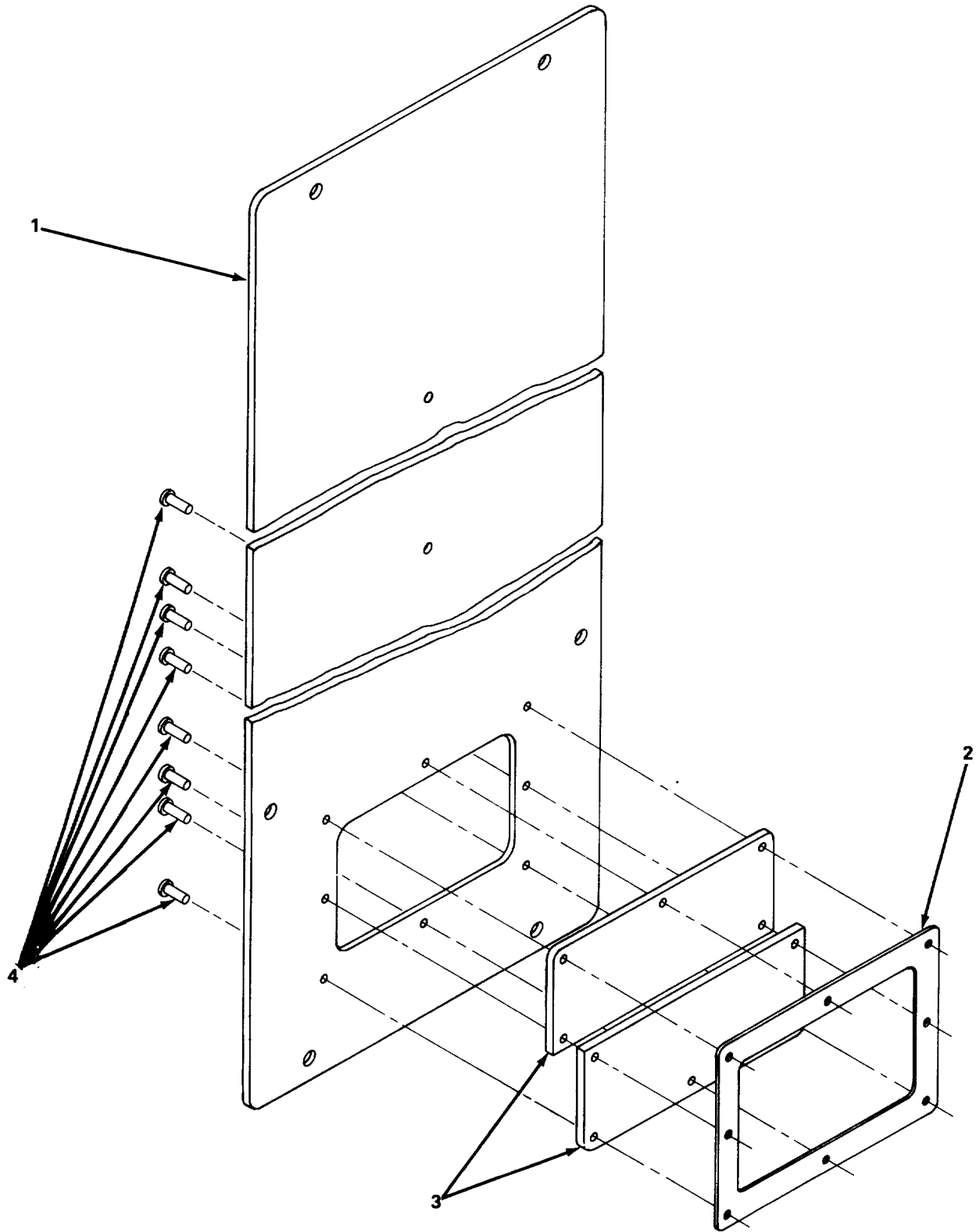


Figure E-11. Telephone Mounting Panel

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
						USABLE ON CODES (UOC)		
E-11	1	XAFZZ		02834-3518	15942	GROUP 020402, 030401 TELE- PHONE MTG. PANEL ASSY (15942)	EA	1
E-11	2	XBFZZ		02832-4-516	15942	MOUNTING PANEL	EA	1
E-11	3	XBFZZ		0283.4-2517	15942	CLAMP PLATE	EA	2
E-11	4	PAFZZ	5320-00052-1972	AD45ABS	07707	SEAL GASKET	EA	8
						POP RIVET		

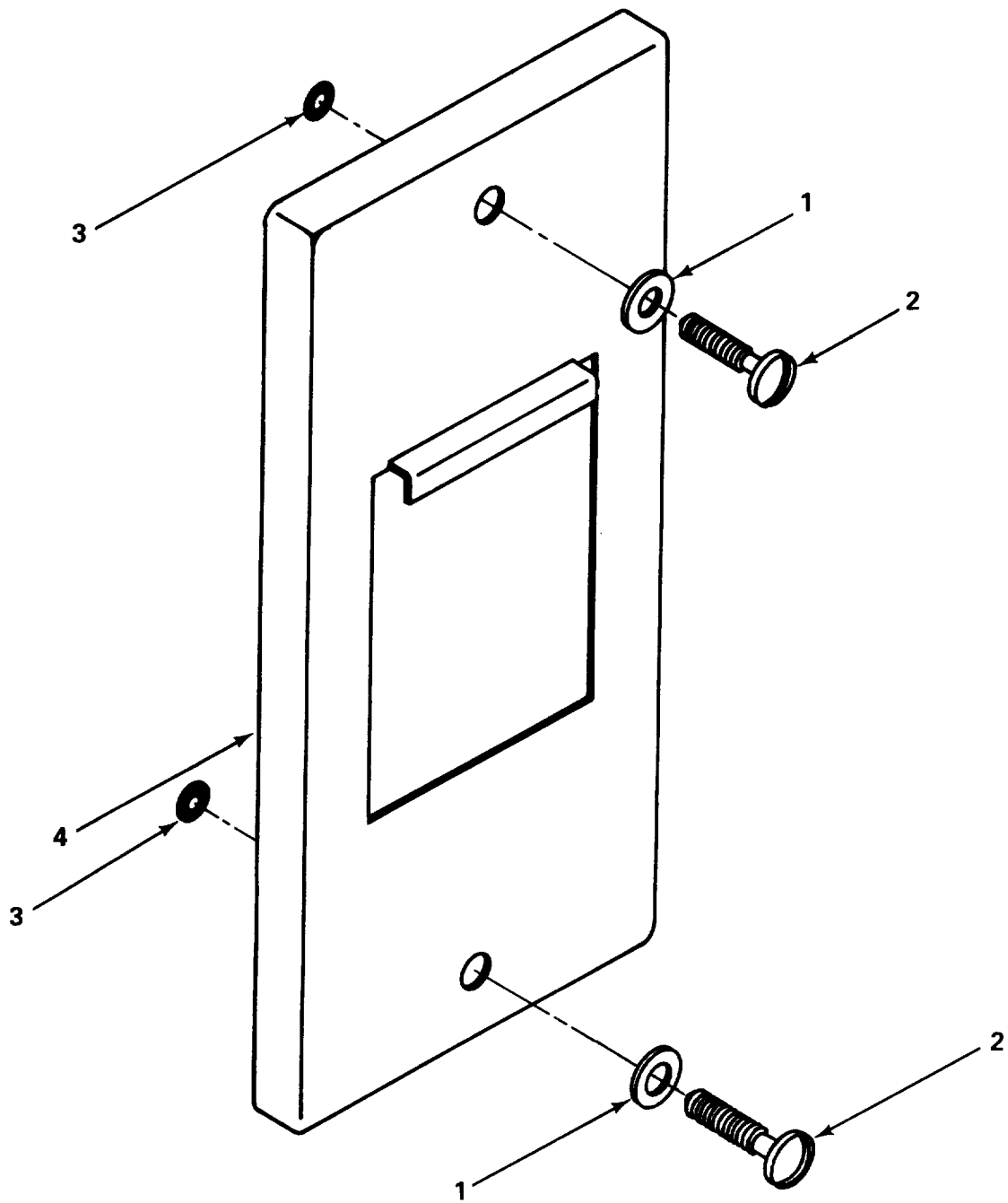


Figure E-12. Circuit Breaker Cover Assembly
E-40

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
						USABLE ON CODES (UOC)		
E-12	1	PAFZZ	5310-00-550-5054	MSJ5795-809	96906	GROUP: 030402, CIRCUIT BREAKER COVER ASSY (15942)	EA	2
E-12	2	PAFZZ	5303-00-059-3663	MS51958-67	96906	WASHER, FLAT, NO. 10	EA	2
E-12	2	XAFZZ		0283-2-2807	15942	SCREW, MACHINE, PAN, HD., NO. 10-32 UNF X 1.0 IN. LG	EA	2
E-12	3	PAFZZ	5330-00-618-3447	MS9021-008	96906	SCREW, COVER, ALTERED	EA	2
E-12	4	XAFZZ		0283-2-3802-2	15942	PACKING, PREFORMED	EA	2
						COVER, CIRCUIT BREAKER	EA	1

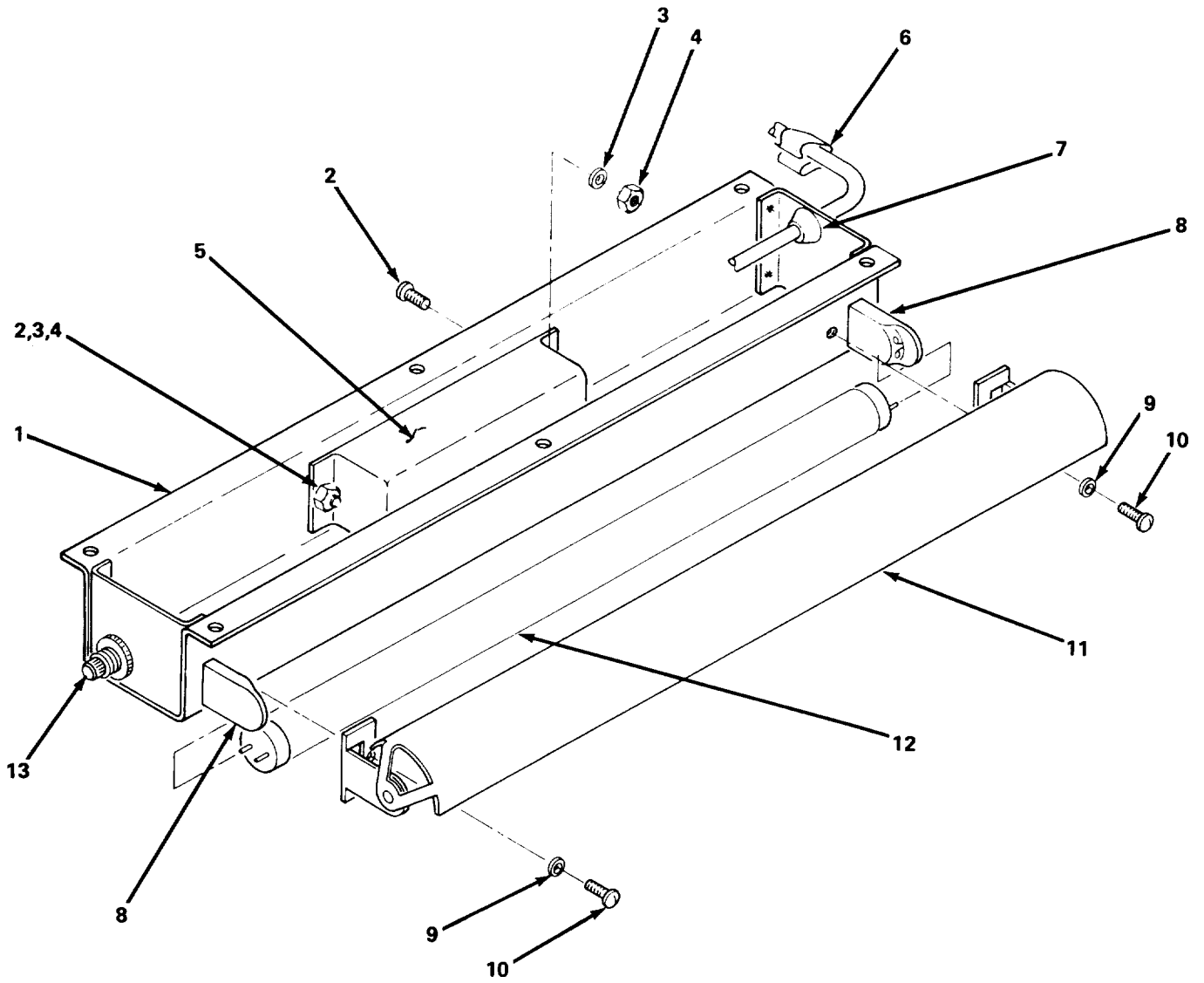


Figure E-13. Light Unit Assembly
E-42

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART	(5) FSCM	(6) DESCRIPTION USABLE ON CODES (UOC)	(7) U/M	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.							
E-13	1	XAFZZ		0283-4-3519-1	15942	GROUP: 0205, 0305 LIGHT UNIT ASSY (15942) LIGHT UNIT HOUSING	EA	1
E-13	2	PAFZZ	5305-00-059-3659	MS51958-63	96906	SCREW, MACHINE, PAN. HD., NO. 10-32 UNF X 1/2 IN. LG	EA	2
E-13	3	PAFZZ	5310-00-933-8120	MS35338-138	96906	WASHER, LOCK, NO. 10	EA	2
E-13	4	PAFZZ	5310-00-877-5797	MS21044N3	96906	NUT, SELF-LOCKING, HEX., NO. 10-32 UNF	EA	2
E-13	5	PAFZZ	6250-00-844-3854	R120	02241	BALLAST	EA	1
E-13	6	XBFZZ		C5484-017-1	78553	WIRE CLIP	EA	1
E-13	7	XBFZZ		722-0007	24618	STRAIN RELIEF	EA	1
E-13	8	XBFZZ		653W	63355	LAMPHOLDER 653 W.	EA	2
E-13	9	PAFZZ	5310-00-929-6395	MS35338-136	96906	WASHER, LOCK, NO. 6	EA	2
E-13	10	PAFZZ	5305-00-054-6654	MS51957-30	96906	SCREW, MACHINE, PAN. HD., NO. 6-32 UNC X 1/2 IN. LG	EA	2
E-13	11	XBFZZ		HRCI 5	12084	REFLECTOR SHADE	EA	1
E-13	12	PBOZZ	6240-00-224-1876	MS15589-3	96906	LAMP, FLUORESCENT, 15 W, 18 IN. LG	EA	1
E-13	13	PAFZZ	5960-00-954-5872		579	75582 SWITCH	EA	1

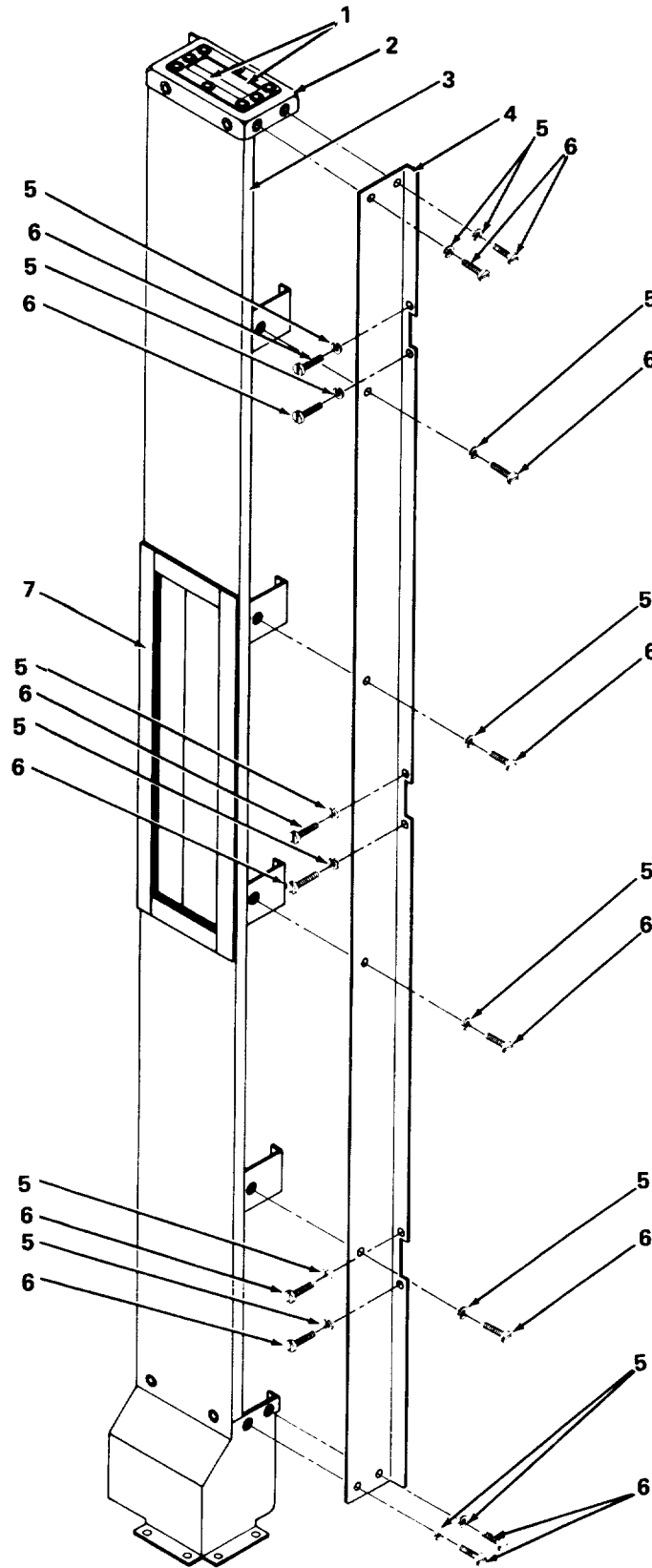


Figure E-14. Electrical Duct Installation
E-44

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
						USABLE ON CODES (UOC)		
E-14	1	XBFZZ		0283.4-2517	15942	GROUP: 0206, 0306 UNIT ASSY (15942)	EA	2
E-14	2	XBFZZ		0283-4-3507-1	15942	SEAL GASKET	EA	1
E-14	3	XBFZZ		0283-4-3506-1	15942	ELECTRICAL DUCT CAP	EA	1
E-14	4	XBFZZ		0283-4-2506-1	15942	ELECTRICAL DUCT WELDMENT	EA	1
E-14	5	PAFZZ	5310-00-933-8120	MS35338-138	96906	SIDE ACCESS PLATE	EA	14
E-14	6	PAFZZ	5305-00-059-3659	MS51958-63	96906	WASHER, LOCK, NO. 10	EA	14
E-14	7	XBFZZ		028344504-14	15942	SCREW MACHINE, PAN HD., NO. 10-32 UNF X 1/2 IN. LG	EA	1
						GASKET		
					E-45			

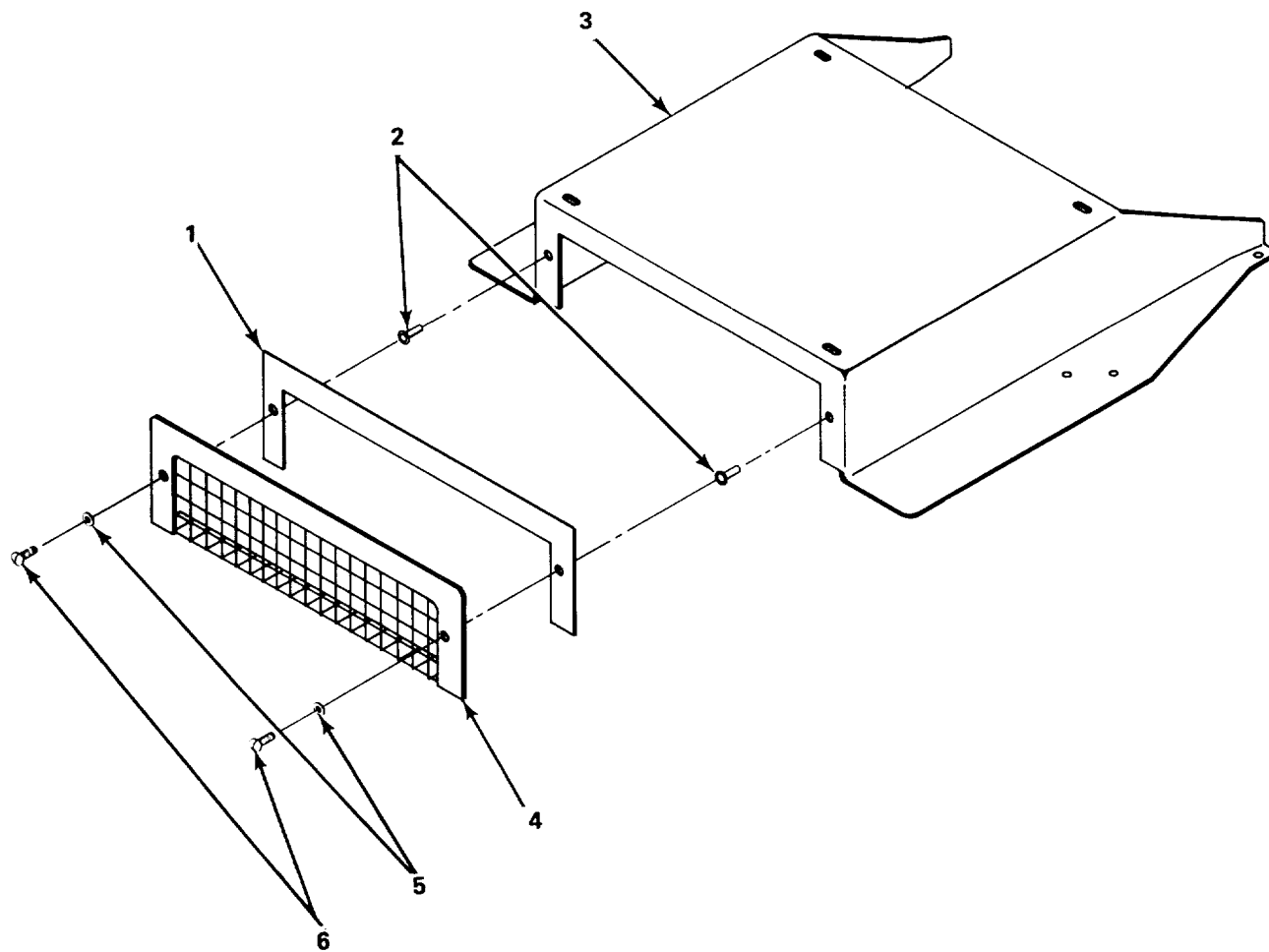


Figure E-15. Base and Air Duct Assembly
E-46

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
						USABLE ON CODES (UOC)		
E-15	1	XBFZZ		0283-4-3508-3	15942	GROUP: 0207, 0307, 0408 BASE AND AIR DUCT ASSY (15942)	EA	1
E-15	2	PAFZZ	5310-00-180-5117	S1-130	03481	GASKET STRIP	EA	2
E-15	3	XAFZZ		028343511-1	15942	RIVNUT	EA	1
E-15	4	XBFZZ		0283 43512	15942	BASE	EA	1
E-15	5	PAFZZ	5310-00-933-8120	MS35338-138	96906	FACE PLATE SCREEN	EA	2
E-15	6	PAFZZ	5305-00-059-3659	MS51958-63	96906	WASHER, LOCK, NO. 10	EA	2
						SCREW, MACHINE, PAN. HD., NO. 10-32 UNF X 1/2 IN. LG	EA	2

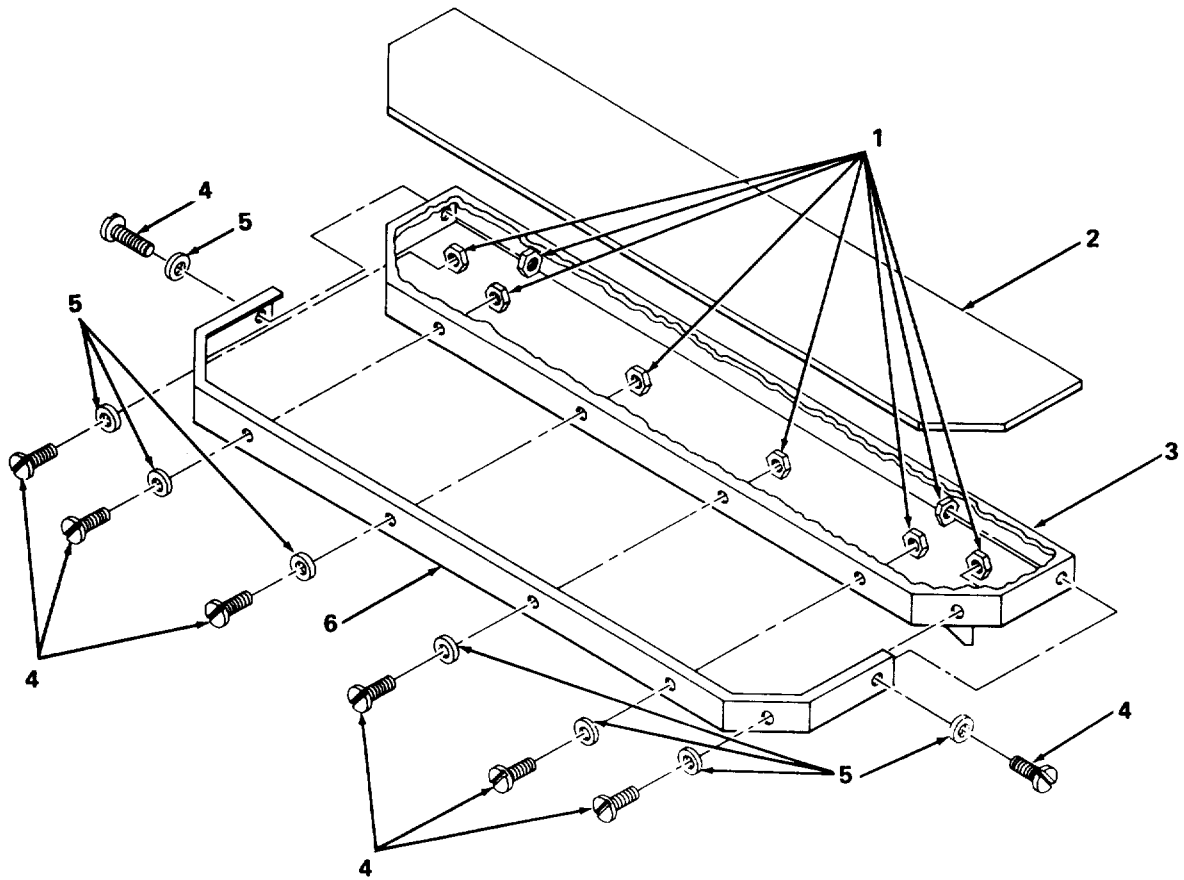


Figure F-16. Work Surface Extension Assembly

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
						USABLE ON CODES (UOC)		
E-16	1	PAFZZ	5310-00-081-8087	MS21944N06	96906	GROUP: 0208, 0308, 0409 WORK SURFACE EXTENSION ASSY (15942)	EA	8
E-16	2	XBFZZ		02834-4507-2	15942	LAMINATED SURFACE	EA	1
E-16	3	XBFZZ		02834-44507-1	15942	EXTENSION WELDMENT	EA	1
E-16	4	PAFZZ	5305-00-054-6652	MS51957-28	96906	SCREW, MACHINE, PAN HD., NO. 6-32 UNC X 3/8 IN. LG	EA	8
E-16	5	PAFZZ	5310-00-880-5978	MS15795-807	96906	WASHER, FLAT, NO. 6	EA	8
E-16	6	XBFZZ		0283-44507-3	15942	TRIM STRIP	EA	1

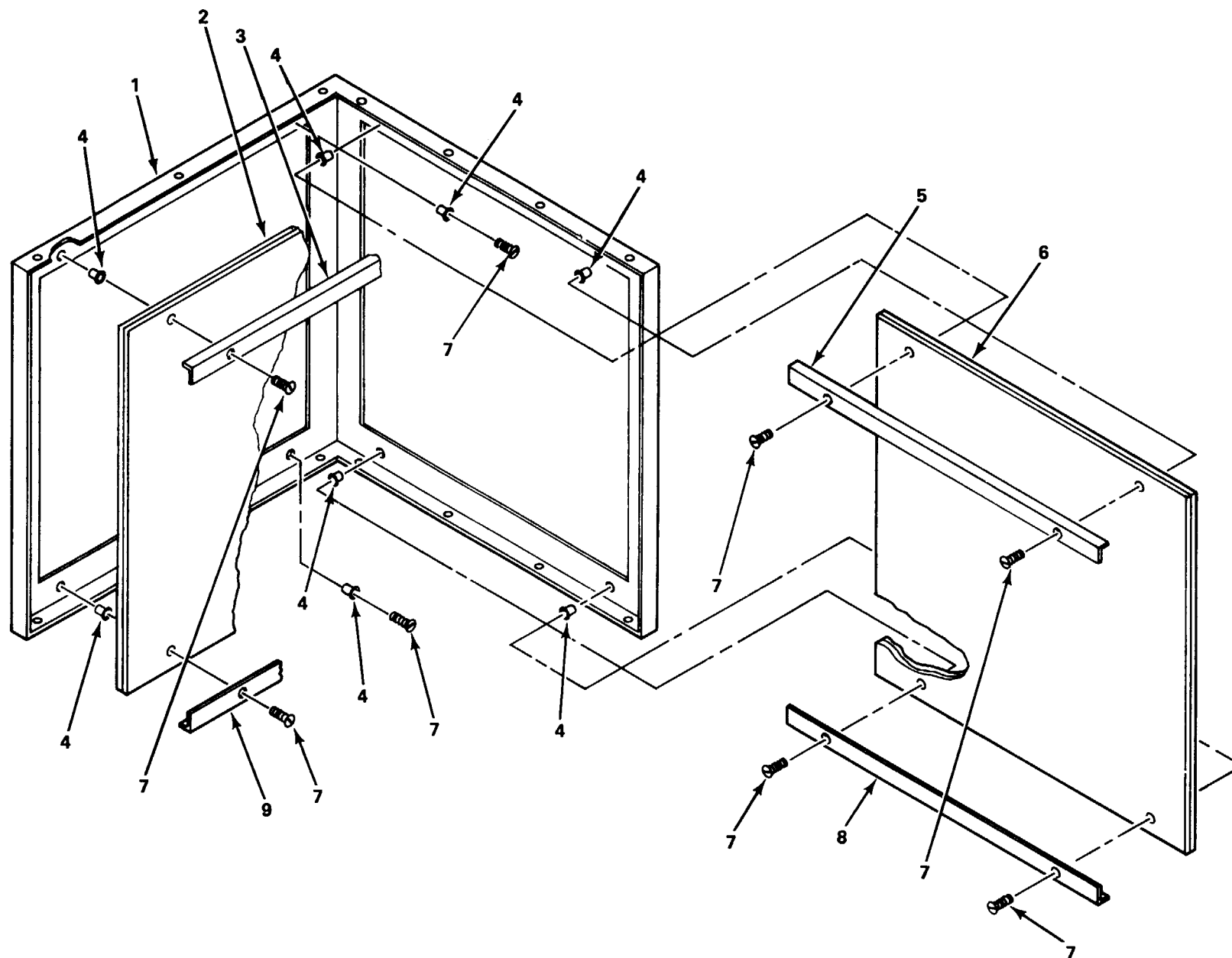


Figure E-17. Tack Board Assembly
E-50

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
						USABLE ON CODES (UOC)		
				028344510	15942	GROUP: 0209,0309,0410 TACK BOARD ASSY (15942)		
E-17	1	XBFZZ		02834-3517	15942	TACK BOARD FRAME	EA	1
E-17	2	XBFZZ		02834-2512	15942	TACK BOARD, REAR	EA	1
E-17	3	XBFZZ		02834-2514-2	15942	RETAINING ANGLE, REAR	EA	1
E-17	4	PAFZZ	5310-00-180-5117	S10-130	03481	RIVNUT	EA	8
E-17	5	XBFZZ		02834-2515-2	15942	RETAINING ANGLE, SIDE UPPER	EA	1
E-17	6	XBFZZ		0283.4-2513	15942	TACK BOARD, SIDE	EA	1
E-17	7	PAFZZ	5305-00071-1326	MS51960-69	96906	SCREW, MACHINE, FLAT HD., NO. 10-32 UNF X 1.0 IN. LG	EA	8
E-17	8	XBFZZ		02834-2515-1	15942	RETAINING ANGLE, SIDE LOWER	EA	1
E-17	9	XBFZZ		0283-4-2514-1	15942	RETAINING ANGLE, REAR LOWER	EA	1
						GROUP: 0208, 0308, 0409 WORK SURFACE EXTENSION ASSY (15942)		

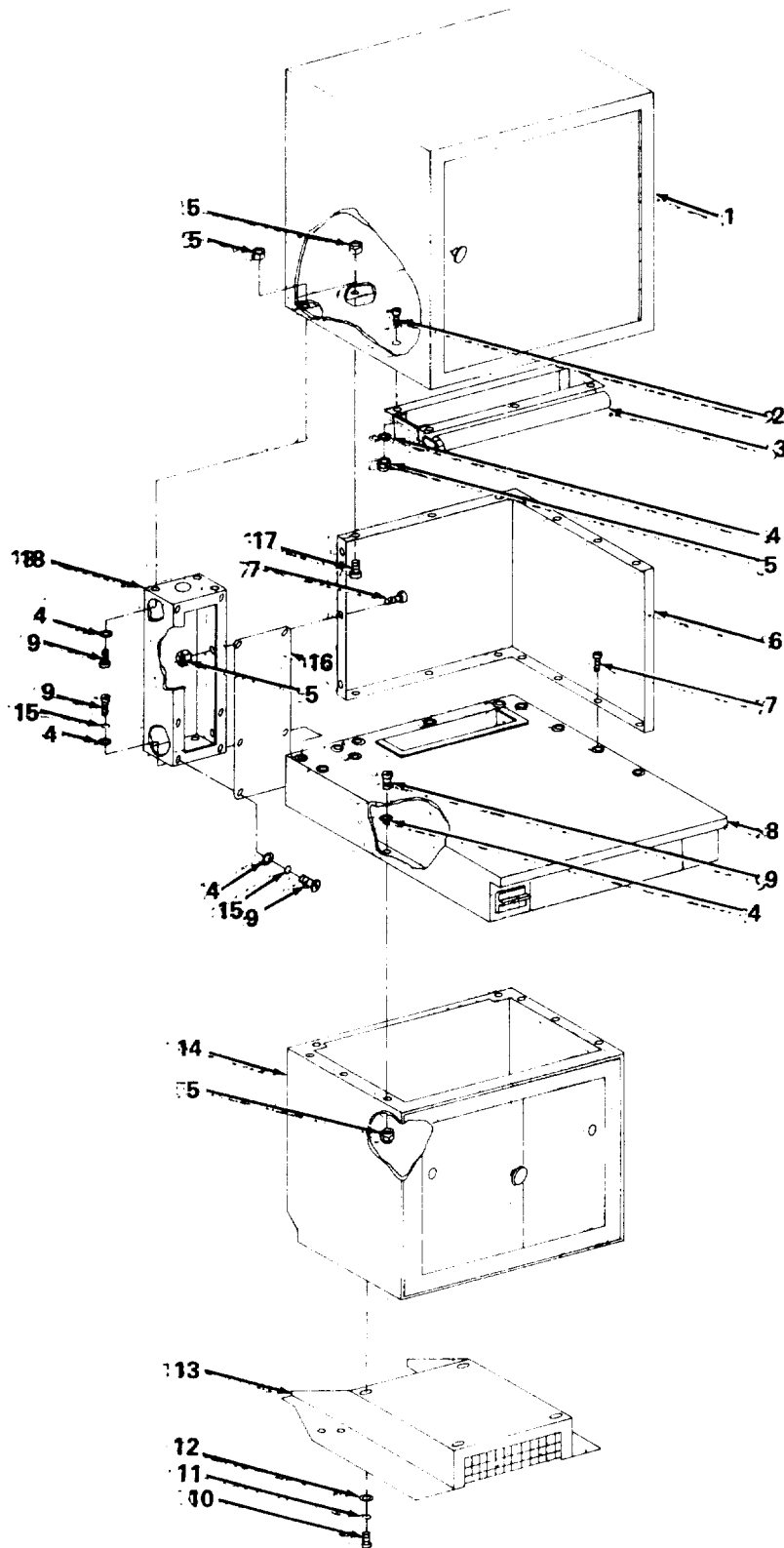


Figure E-18. Comer Console Assembly

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
						USABLE ON CODES (UOC)		
E-18	1	XBFFF		028344513-1	15942	GROUP: 04 CORNER CONSOLE ASSY (15942)	EA	1
E-18	2	PAFZZ	5305-00-059-3659	MS51958-63	96906	UPPER CABINET ASSY	EA	1
E-18	3	XBFFF		02834-3533-1	15942	SCREW, MACHINE, PAN. HD., NO. 10-32 UNF X 1/2 IN. LG	EA	1
E-18	4	PAFZZ	5310-00-550-5054	MS15795-809	96906	LIGHT UNIT ASSY	EA	1
E-18	5	PAFZZ	5310-00-877-5797	MS21044N3	96906	WASHER, FLAT, NO. 10	EA	5
E-18	6	XBFFF		028344510	15942	NUT, SELF-LOCKING, HEX., NO. 10-32 UNF	EA	5
E-18	7	PAFZZ	5305-00-995-0437	MS51960-66	96906	TACK BOARD ASSY	EA	1
E-18	8	XBFFF		02834-4509-7	15942	SCREW, MACHINE, FLAT HD., NO. 10-32 UNF X 5/8 IN. LG	EA	2
E-18	9	PAFZZ	5305-00-059-3660	MS51958-64	96906	WORK SURFACE ASSY	EA	1
E-18	10	PAFZZ	5305-00-7024523	MS35307-306	96906	SCREW, MACHINE, PAN. HD., NO. 10-32 UNF X 5/8 IN. LG	EA	4
E-18	11	PAFZZ	5310-00-933-8121	MS35307-306	96906	SCREW, CAP, HEX, HD., 1/4-20 UNC X 3/4 IN. LG	EA	1
E-18	12	PAFZZ	5310-00-933-8121	MS35338-139	96906	WASHER, LOCK, 1/4 IN. LG	EA	1
E-18	13	XBFFF		028343508	15942	WASHER, FLAT, 1/41N. LG	EA	1
E-18	14	XBFFF		02834-4508-1	15942	BASE AND AIR DUCT ASSY	EA	1
E-18	15	PAFZZ	5310-00-933-8120	MS35338-138	96906	LOWER CABINET ASSY	EA	1
E-18	16	XBFFF		0283-4-3509	15942	WASHER, LOCK, NO. 10	EA	2
E-18	17	PAFZZ	5305-00-071-1322	MS51960-65	96906	TELEPHONE MTG. PANEL ASSY	EA	1
E-18	18	XBFFF		0283.4-4511-6	15942	SCREW, MACHINE, FLAT HD., NO. 10-32 UNF X 1/2 IN. LG	EA	1
						ELECTRICAL DUCT EXTENSION	EA	1

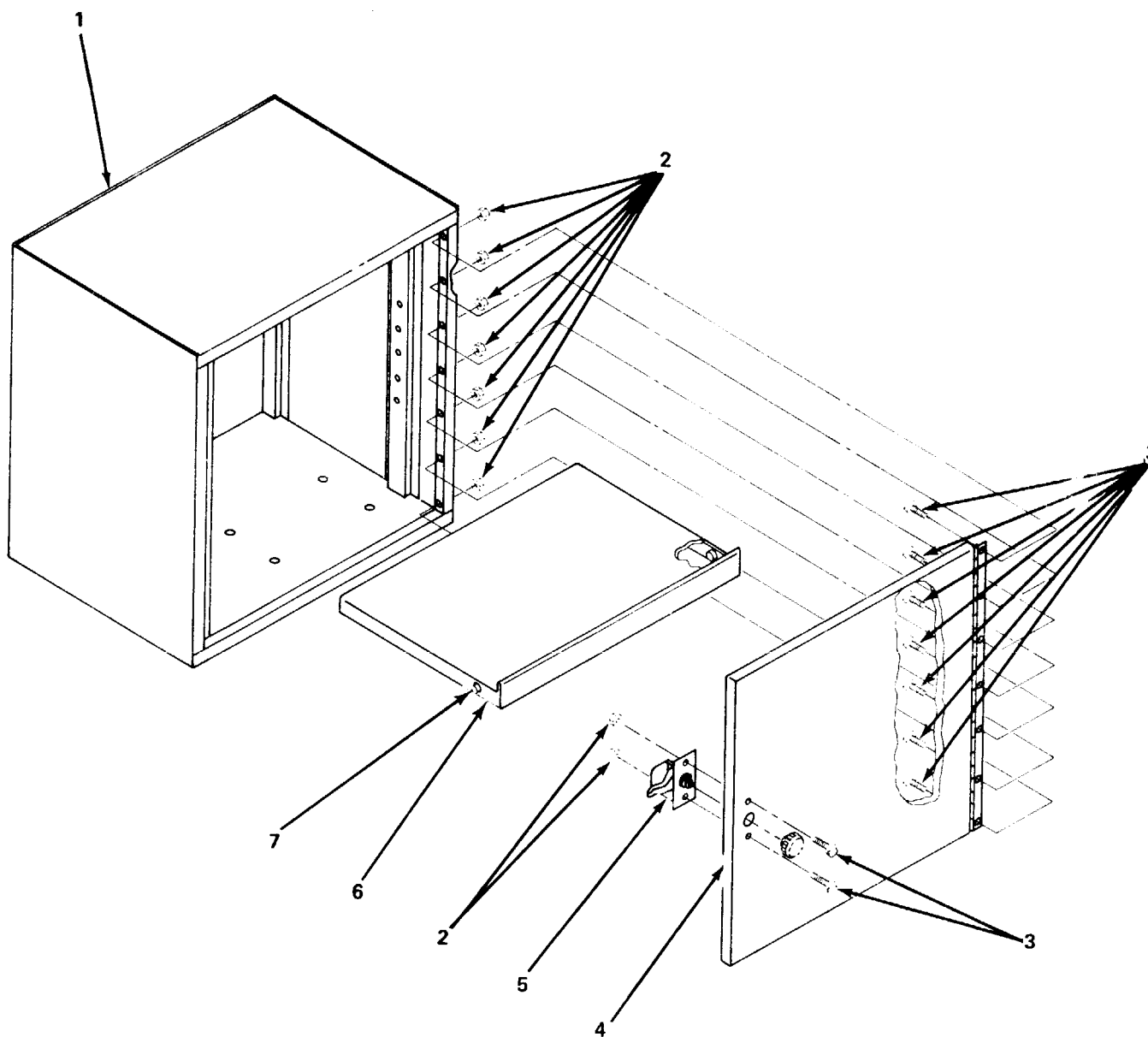


Figure E-19. Upper Cabinet Assembly
E-54

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
						USABLE ON CODES (UOC)		
E-19	1	XAFZZ		028344520-1	15942	GROUP: 0401 UPPER CABINET ASSY (15942) UPPER CABINET ASSY	EA	1
E-19	2	PAFZZ	5310-00-081-8087	MS21044N06	96906	NUT, SELF-LOCKING, NO. 6-32 UNC	EA	9
E-19	3	PAFZZ	5305-00-054-6654	MS51957-30	96906	SCREW, MACHINE, PAN. HD., NO. 6-32 UNC X 1/2 IN. LG	EA	9
E-19	4	XBFZZ		02834-4521-2	15942	DOOR ASSY, UPPER CABINET	EA	1
E-19	5	PAFZZ		4499-117-13	94222	ADJUSTABLE PAWL FASTENER	EA	1
E-19	6	PAFZZ	5325-00-491-1402	56-10-801-10	94222	PLUNGER, SPRING LOADED	EA	1
E-19	7	XAFZZ		0283-4-2520-1	15942	SHELF	EA	1

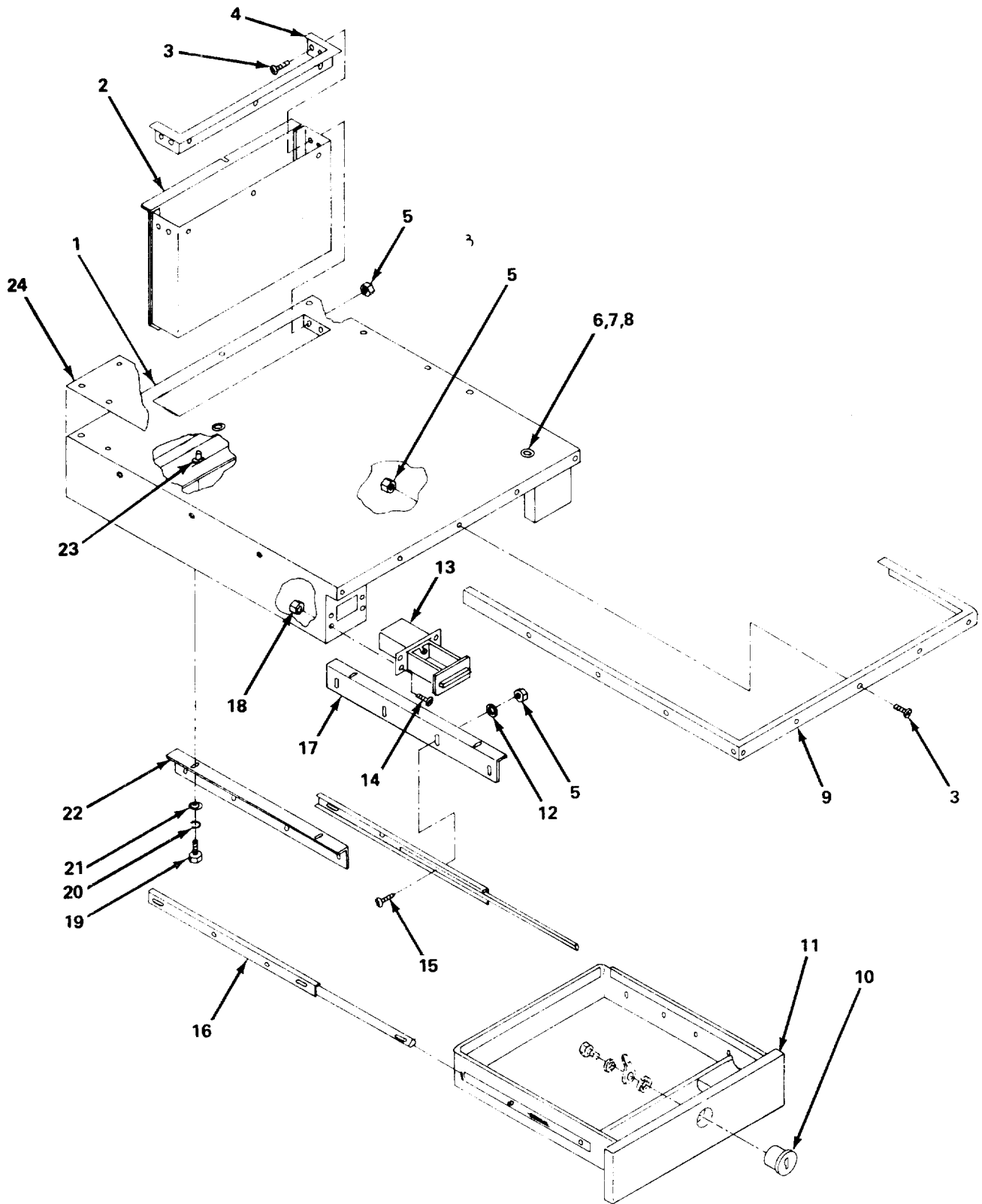


Figure E-20. Work Surface Assembly
E-56

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART	(5) FSCM	(6) DESCRIPTION USABLE ON CODES (UOC)	(7) U/M	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.							
E-20	1	XAFZZ		0283-4-4517-7	15942	GROUP: 0403 WORK SURFACE ASSY (15942) WORK SURFACE WELDMENT	EA	1
E-20	2	XBFZZ		0283-4-3515-1	15942	FILE FOLDER WELL	EA	1
E-20	3	PAFZZ	5305-00-054-6652	MS51957-28	96906	SCREW, MACHINE, PAN. HD., NO. 6-32 UNC X 3/8 IN. LG	EA	2
E-20	4	XBFZZ		0283-4-2510	15942	FILE FOLDER WELL EDGE TRIM	EA	1
E-20	5	PAFZZ	5310-00-081-8087	MS21044N06	96906	NUT, SELF-LOCKING, NO. 6-32 UNC	EA	3
E-20	6	PAFZZ	5310-00-854-9382	MS25092B11	96906	NUT, PLAIN, HEX., ELECTRICAL THIN, 5/8-24 UNEF	EA	2
E-20	7	PAFZZ	5310-00-614-3505	MS15795-820	96906	WASHER, FLAT, 5/8 IN.	EA	2
E-20	8	XBFZZ		566-3-2966	15942	SOCKET, TIEDOWN	EA	2
E-20	9	XBFZZ		0283-4-3514-1	15942	EDGE TRIM	EA	1
E-20	10	XBFZZ		15752XC5L	14068	LOCK, DISC TUMBLER	EA	1
E-20	11	XBFZZ		02834-3516	15942	DRAWER	EA	1
E-20	12	PAFZZ	5310-00-880-5978	MS15795-807	96906	WASHER, FLAT, NO. 6	EA	1
E-20	13	XBFZZ	566-1-2006	15942		ASH RECEIVER OR	EA	1
E-20		XBFZZ	2A11940	72882		ASH RECEIVER	EA	1
E-20	14	PAFZZ	5305-00-054-5651	MS51957-17	96906	SCREW, MACHINE, PAN. HD., NO. 440 UNC X 1/2 IN. LG	EA	1
E-20	15	PAFZZ	5305-00-719-5064	MS51959-30	96906	SCREW, MACHINE, FLAT HD., NO. 6-32 UNC X 1/2 IN. LG	EA	1
E-20	16	XBFZZ		320X1 8INLG	83508	FULL EXTENSION PAIR	EA	1
E-20	17	XBFZZ		0283-4-2511-1	15942	DRAWER SLIDE SUPPORT ANGLE, LH	EA	1
E-20	18	PAFZZ	5310-00-088-0551	MS21044N04	96906	NUT, SELF-LOCKING, HEX., NO. 4-40 UNC	EA	1
E-20	19	XBFZZ		10-32X3- 4CRES	70318	SCREW, CAP, HEX. HD., CRES. NO. 10-32 UNF X 3/4 IN. LG	EA	1
E-20	20	PAFZZ	5310-00-933-8120	MS35338-138	96906	WASHER, LOCK, NO. 10	EA	1

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART	(5) FSCM	(6) DESCRIPTION USABLE ON CODES (UOC)	(7) U/M	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.							
E-20	21	PAFZZ	5310-00-550-5054	MS15795-809	96906	WASHER FLAT, NO. 10	EA	1
E-20	22	XBFZZ		0283-4-2511-2	15942	DRAWER SLIDE SUPPORT ANGLE RH	EA	1
E-20	23	PAFZZ	5310-00-180-5117	S10-130	03481	RIVNUT	EA	1
E-20	24	XBFZZ		0283-4-3513-1	15942	COVER	EA	1

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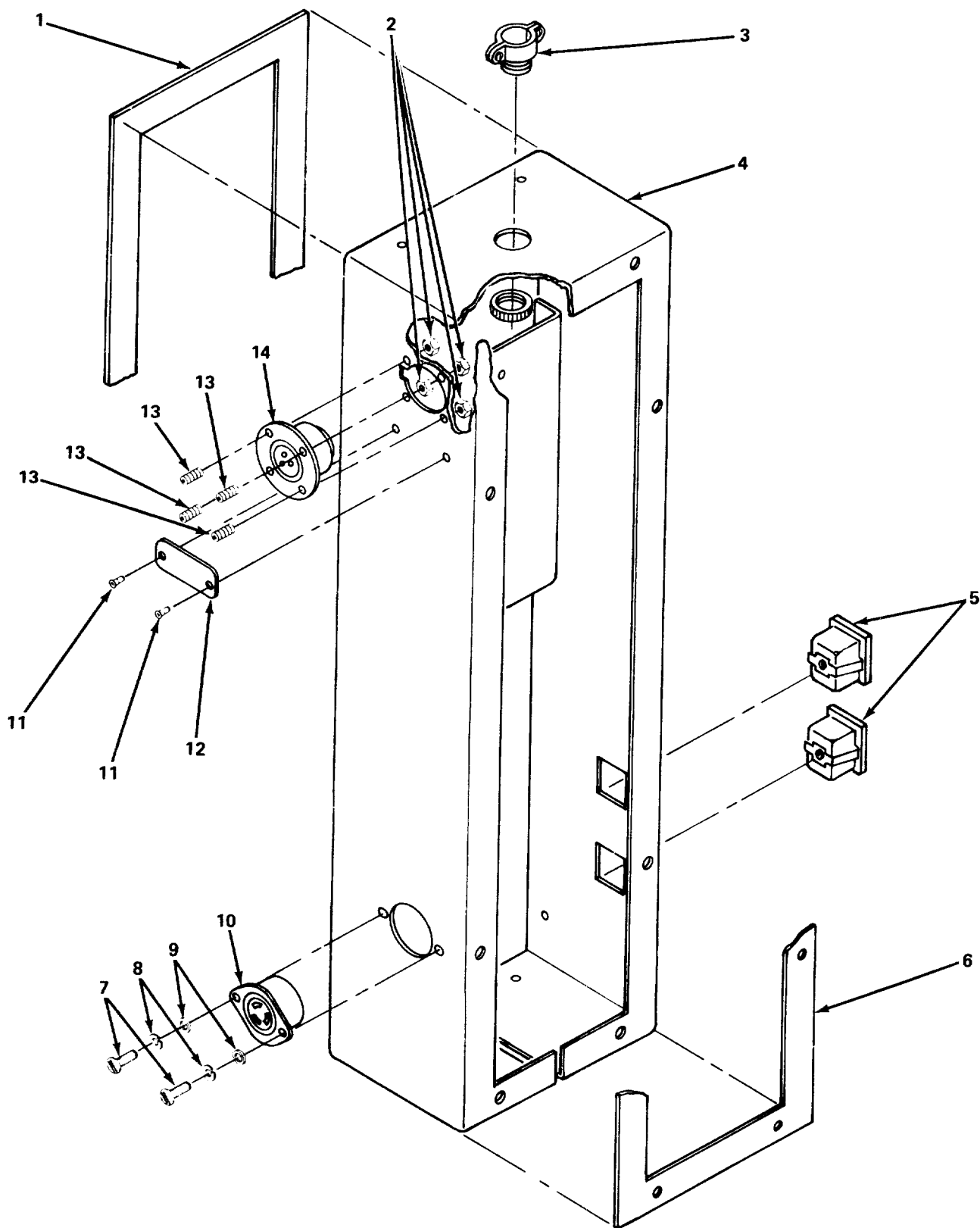


Figure E-21. Electrical Duct Extension Assembly

Section II. REPAIR PARTS LIST

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
						USABLE ON CODES (UOC)		
E-21	1	XBFZZ		0283-4-4511-36	15942	GROUP: 0404 ELECTRICAL DUCT EXTENSION ASSY (15942)	EA	1
E-21	2	PAFZZ	5310-00-088-0551	MS21044N04	96906	GASKET STRIP	EA	4
E-21	3	PAFZZ	5975-00-152-1144	3302	59730	NUT, SELF-LOCKING, HEX., NO. 440 UNC	EA	1
E-21	4	XBFFF	02834-4518-6	15942		CABLE FITTING	EA	1
E-21	5	PAFZZ	5935-00-432-7733	1369	75582	ELECTRICAL DUCT EXTENSION	EA	2
E-21	6	XBFZZ		0283-44511-25	15942	CONVENIENCE OUTLET	EA	1
E-21	7	PAFZZ	5305-00-054-6654	MS51957-30	96906	GASKET STRIP	EA	2
E-21	8	PAFZZ	5310-00-929-6395	MS35338-136	96906	SCREW, MACHINE, PAN. HD., NO. 6-32 UNC X 1/2 IN. LG	EA	2
E-21	9	PAFZZ	5310-00-880-5978	MS15795-807	96906	WASHER, LOCK, NO. 6	EA	2
E-21	10	PAFZZ	5935-00-241-0355	7526	74545	WASHER, FLAT, NO. 6	EA	1
E-21	11	PAFZZ	5305-00-253-5604	MS21318-2	96906	RECEPTACLE	EA	2
E-21	12	XBFZZ		0283-4-2615-1	15942	DRIVE SCREW	EA	1
E-21	13	PAFZZ	5305-00-770-2579	MS51959-15	96906	NAMEPLATE	EA	4
E-21	14	PAFZZ	5935-00-257-7641	P3-13	71468	SCREW, MACHINE, FLAT, HD., NO. 4-40 UNC X 3/8 IN. LG	EA	1
						RECEPTACLE	EA	1

Section II. REPAIR PARTS LIST

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
						USABLE ON CODES (UOC)		
E-22	1	XBFZZ		C5484-017-1	78553	GROUP: 0405 LIGHT UNIT ASSY (15942) WIRE CLIP	EA	1
E-22	2	PAFZZ	5310-00-877-5797	MS21044N3	96906	NUT, SELF-LOCKING, HEX., NO. 10-32 UNF	EA	2
E-22	3	PAFZZ	5310-00-933-8120	MS35338-138	96906	WASHER, LOCK, NO. 10	EA	2
E-22	4	PAFZZ	5305-00-059-3659	MS51958-63	96906	SCREW, MACHINE, PAN. HD., NO. 10-32 UNF X 1/2 IN. LG	EA	2
E-22	5	PAFZZ	6250-00-844-3854	R120	02241	BALLAST	EA	1
E-22	6	XAFZZ		0283-3519-2	15942	LIGHT UNIT HOUSING	EA	1
E-22	7	PAFZZ	5930-00-954-5872	579	75582	SWITCH	EA	1
E-22	8	XBFZZ	653W	63355		LAMPHOLDER	EA	2
E-22	9	PAFZZ	5305-00-054-6654	MS51957-30	96906	SCREW, MACHINE, PAN. HD., NO. 6-32 UNC X 1/2 IN. LG	EA	2
E-22	10	PAFZZ	5310-00-929-6395	MS35338-136	96906	WASHER, LOCK, NO. 6	EA	2
E-22	11	PBOZZ	6240-00-224-1876	MS15589-3	96906	LAMP, FLUORESCENT, 15 W, 18 IN. LG.	EA	1
E-22	12	XBFZZ		HRC15	12084	REFLECTOR SHADE	EA	1
E-22	13	XBFZZ		722-0007	24618	STRAIN RELIEF	EA	1

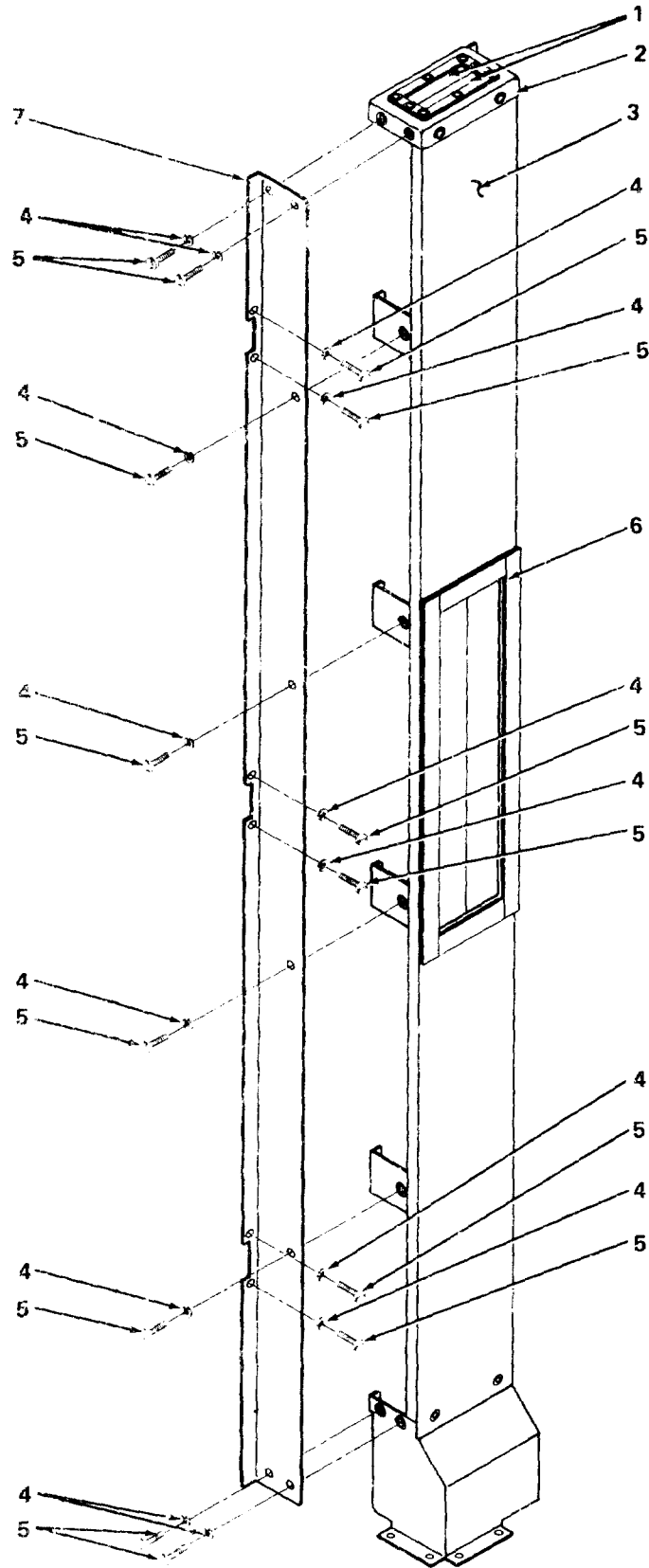


Figure E-23. Electrical Duct Installation

Section II. REPAIR PARTS LIST

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
						USABLE ON CODES (UOC)		
E-23	1	XBFZZ		0283-4-2517	15942	GROUP: 0406 ELECTRICAL DUCT INSTALLATION (15942) SEAL GASKET	EA	2
E-23	2	XBFZZ		02834-3507-1	15942	ELECTRICAL DUCT CAP	EA	1
E-23	3	XBFZZ		0283-4-3506-1	15942	ELECTRICAL DUCT WELDMENT	EA	1
E-23	4	PAFZZ	5310-00-933-8120	MS35338-138	96906	WASHER, LOCK, NO. 10	EA	14
E-23	5	PAFZZ	5305-00-059-3659	MS51958-63	96906	SCREW, MACHINE, PAN HD., NO. 10-32 UNF X 1/2 IN. LG	EA	14
E-23	6	XBFZZ		02834-4504-14	15942	GASKET	EA	1
E-23	7	XBFZZ		02834-2506-1	15942	SIDE ACCESS PLATE	EA	1

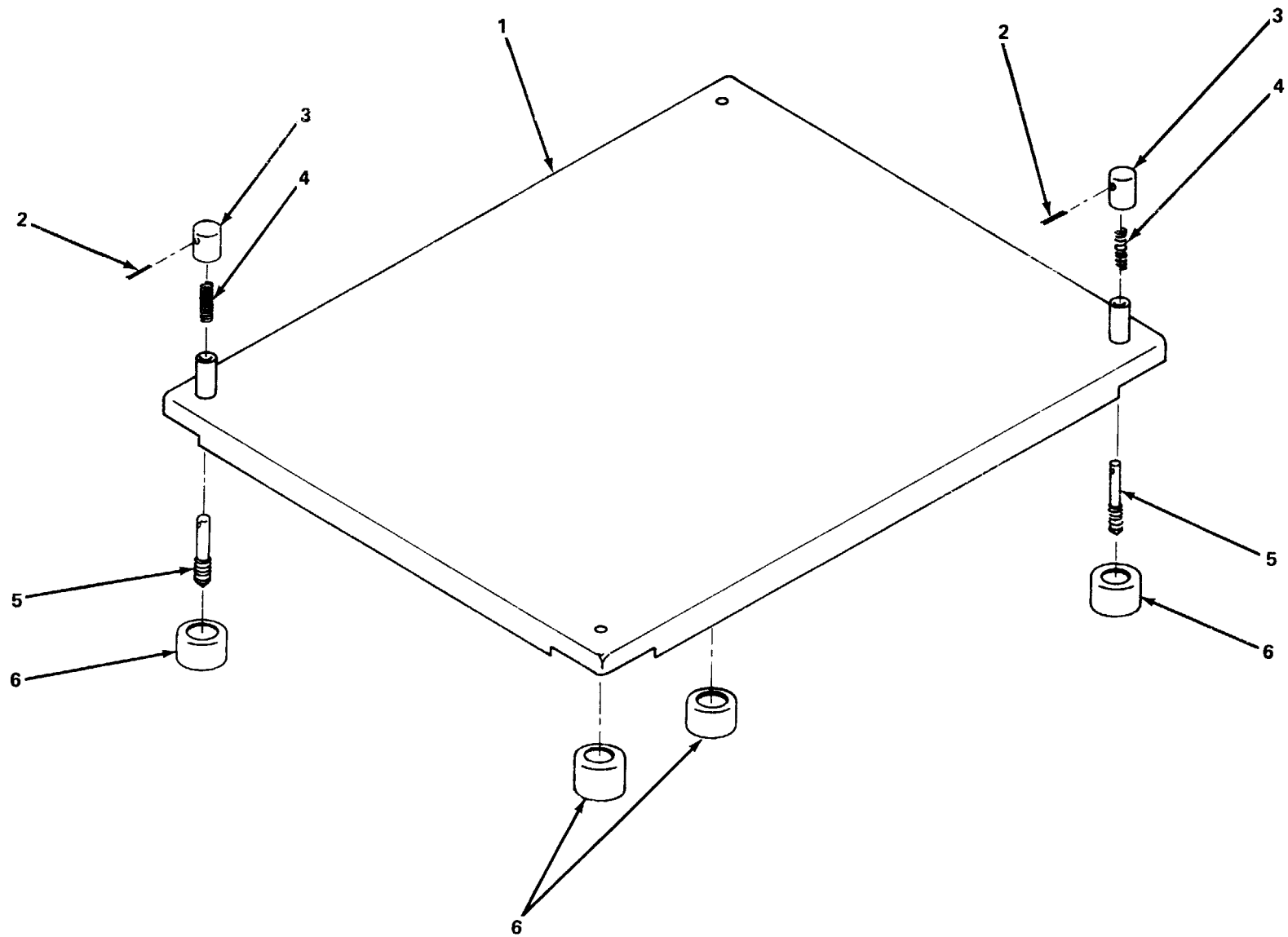


Figure E-24 Equipment Tray Assembly
E-66

Section II. REPAIR PARTS LIST

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
						USABLE ON CODES (UOC)		
E-24	1	XAFZZ		566-3-3962	15942	GROUP: 0407 EQUIPMENT TRAY ASSY (15942) TRAY	EA	1
E-24	2	PAFZZ	5315-00-841-4442	MS16562-224	96906	PIN SPRING	EA	2
E-24	3	PAFZZ	5355-00-784-1683	566-3-2960	15942	KNOB	EA	2
E-24	4	PAFZZ		566-3-2962	15942	SPRING	EA	2
E-24	5	PAFZZ	5315-00-163-5115	566-3-2961	15942	STUD	EA	2
E-24	6	PAFZZ	5325-0-276-5926	2595	70485	FOOT	EA	4

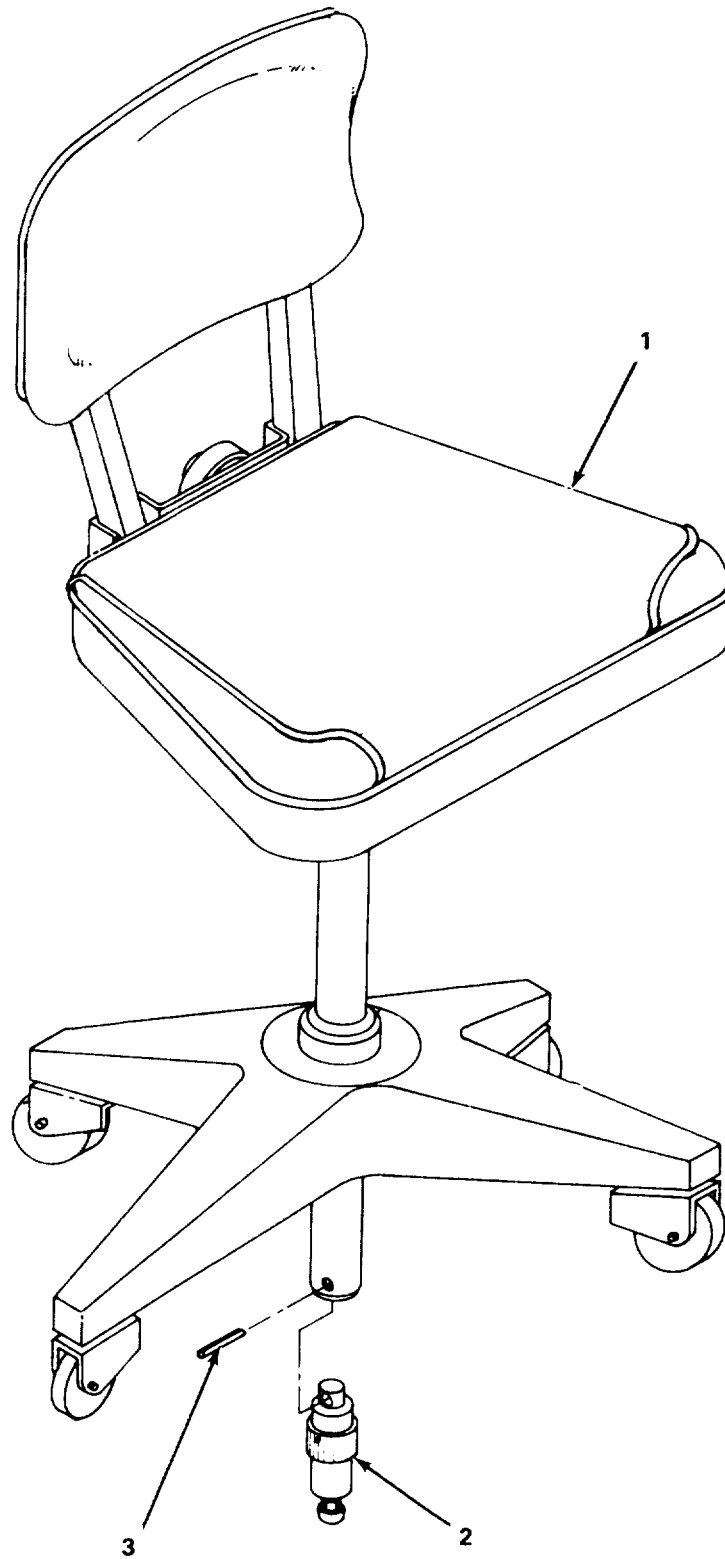


Figure E-25. Chair Assembly with Tiedown

Section II. REPAIR PARTS LIST

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART	FSCM	DESCRIPTION USABLE ON CODES (UOC)	U/M	QTY INC IN UNIT
E-25	1	XBFFD	7110-00-754-0760	AAC00293	81348	GROUP: 05 CHAIR ASSY W / TIEDOWN (15942) CHAIR	EA	1
E-25	2	XBFFZ		02834-2021-1	15942	TIEDOWN ASSY, CHAIR	EA	1
E-25	3	PAFZZ	5315-00-619-3155	MS171593	96906	PIN, SPRING	EA	1

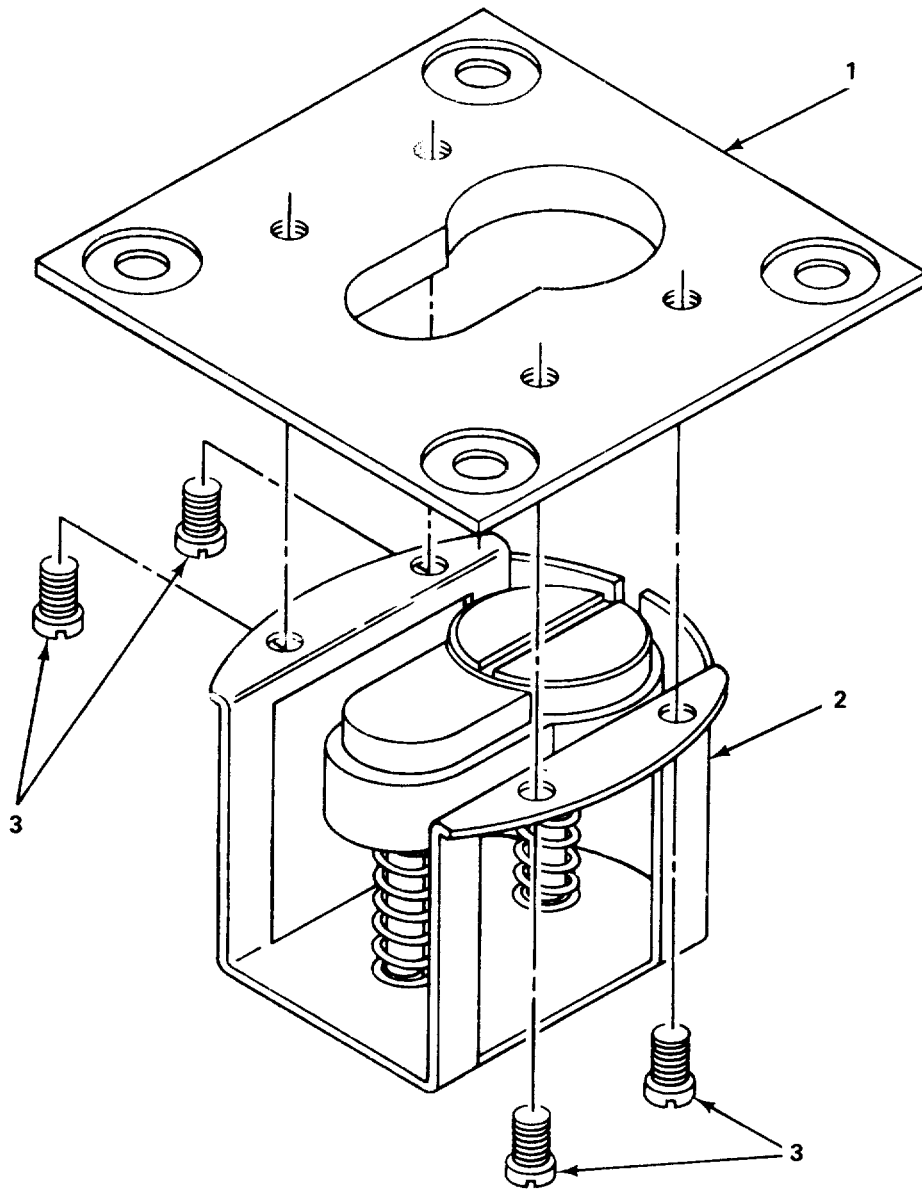


Figure E-26. Floor Socket Assembly

Section II. REPAIR PARTS LIST

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART	FSCM	DESCRIPTION USABLE ON CODES (UOC)	U/M	QTY INC IN UNIT
E-26	1	XBFZZ		0283-4-025	15942	GROUP: 0501 FLOOR SOCKET ASSY (15942) FLOOR PLATE, CHAIR TIEDOWN	EA	1
E-26	2	XBFZZ	5895-01-008-6091	SP2189	96603	FLOOR FITTING	EA	1
E-26	3	PAFZZ	5305-00-054-5647	MS51957-13	96906	SCREW, MACHINE, PAN. HD., NO. 4-40 UNC X 1/4 IN. LG	EA	4

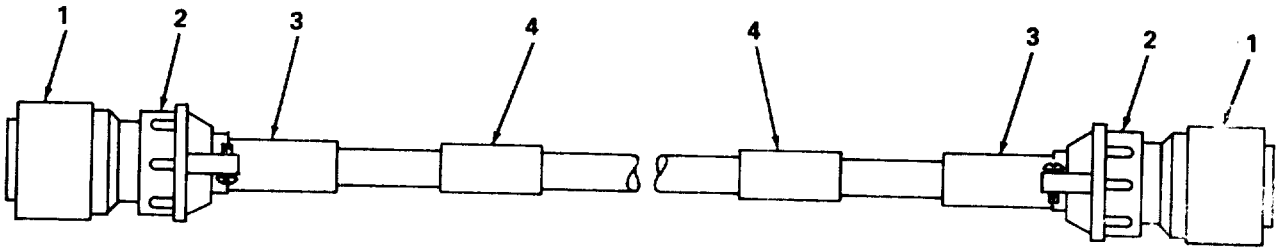


Figure E-27. Cable Assembly

Section II. REPAIR PARTS LIST

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART	FSCM	DESCRIPTION USABLE ON CODES (UOC)	U/M	QTY INC IN UNIT
E-27	1	PAFZZ	5935-00-899-0554	PT06A14-15P	77820	GROUP: 06 CABLE ASSY (15942) STRAIGHT PLUG	EA	2
E-27	2	PAFZZ	5935-00-280-1937	MS3057-8B	96906	CLAMP	EA	2
E-27	3	PAFZZ	5365-00-271-7354	AN3420-8A	88044	BUSHING	EA	2
E-27	4	XBFZZ		1703-1-1184	15942	IDENTIFICATION TAG	EA	2

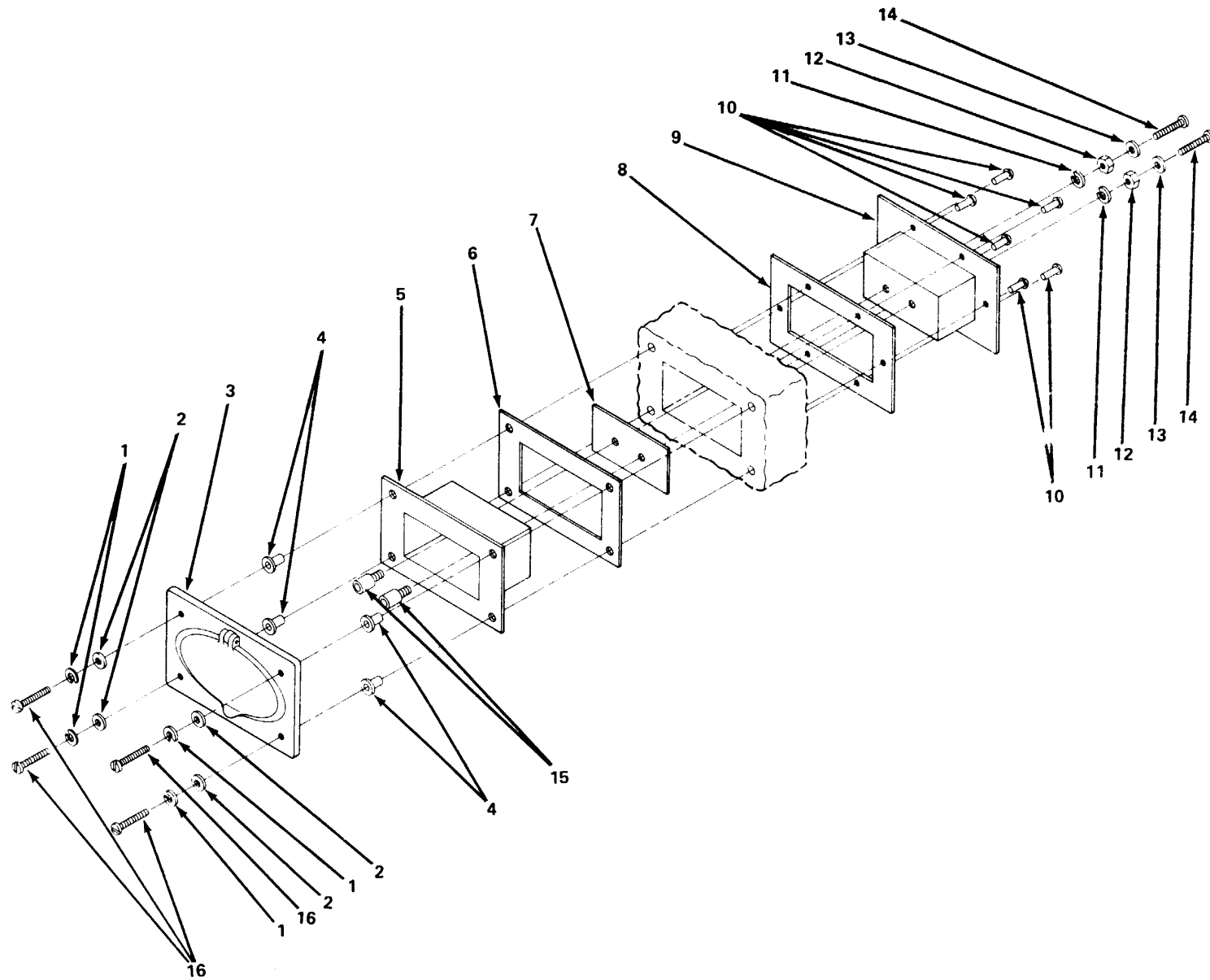


Figure E-28. Telephone Junction Box Installation
E-74

Section II. REPAIR PARTS LIST

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
						USABLE ON CODES (UOC)		
E-28	1	PAFZZ	5310-00-933-8120	MS35338-138	96906	GROUP: 10 TELEPHONE JUNCTION BOX INSTALLATION (15942) WASHER, LOCK, NO. 10	EA	4
E-28	2	PAFZZ	5310-00-550-5054	MS15795-809	96906	WASHER, FLAT, NO. 10	EA	4
E-28	3	XBFZZ		566-3-2610	15942	LIFT COVER PLATE	EA	1
E-28	4	PAFZZ	5310-00-949-3906	NAS132953 B180	80205	RIVNUT	EA	4
E-28	5	XBFZZ		566-3-6209	15942	BRACKET, BINDING POST	EA	1
E-28	6	XBFZZ		0283-4-2502	15942	STIFFENER PLATE	EA	1
E-28	7	XBFZZ		02834-2505	15942	GASKET	EA	1
E-28	8	XBFZZ		NPN	15942	PLATE	EA	1
E-28	9	XBFZZ		02834-2503	15942	INNER FEED THRU BOX	EA	1
E-28	10	PAFZZ	5320-00-9044136	M24243/1- B403	81349	POP RIVET	EA	6
E-28	11	PAFZZ	5310-01-978-2370	FW-388	92219	EXTRUDEDW ASHER	EA	2
E-28	12	PAFZZ	5310-00-282-4777	AN316C4R	88044	NUT, JAM, HEX., 1/4-28 UNF	EA	2
E-28	13	PAFZZ	5310-00-559-0070	MS35333-38	96906	WASHER, LOCK, NO. 8	EA	2
E-28	14	PAFZZ	5305-00-054-6668	MS51957-43	96906	SCREW, MACHINE, PAN HD., NO. 8-32 UNC X 3/8 IN. LG	EA	2
E-28	15	PAFZZ	5940-01-011-8889	A4144-1	05587	BINDING POST	EA	2
E-28	16	PAFZZ	5305-00-059-3663	MS51958-67	96906	SCREW, MACHINE, PAN HD., NO. 10-32 UNF X 1.0 IN. LG	EA	4

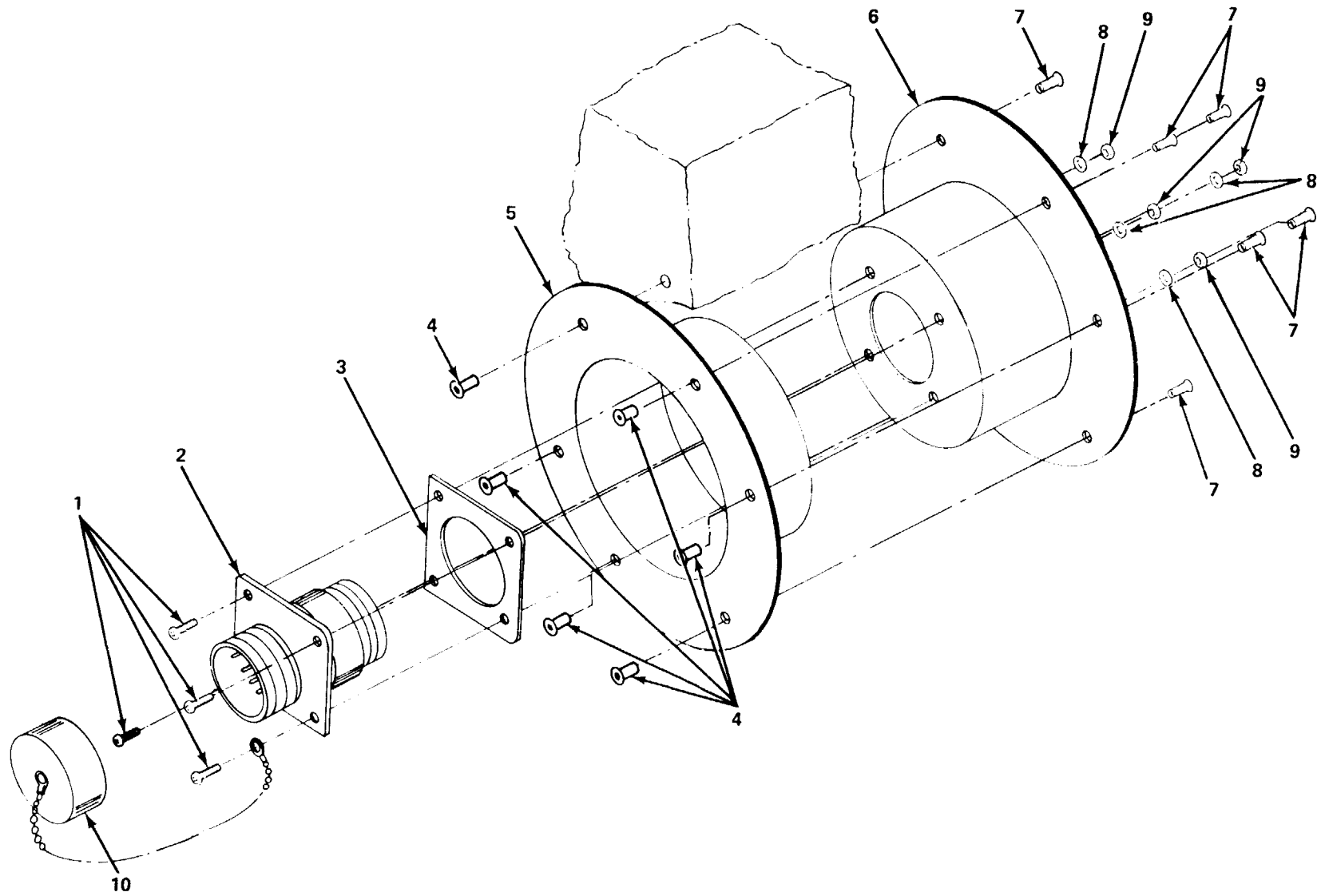


Figure E-29. Feed Through Panel Assembly
E-76

Section II. REPAIR PARTS LIST

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
						USABLE ON CODES (UOC)		
E-29	1	PAFZZ	5305-00-054-5649	MS51957-15	96906	GROUP: 11 FEEDTHROUGH PANEL ASSY (15942)	EA	4
E-29	2	PAFZZ	5935-00-807-4453	PTB14-15PS	77820	SCREW, MACHINE, PAN HD., NO. 4-40 UNC X 3/8 IN. LG	EA	1
E-29	3	PAFZZ	5330-00-585-1591	10-101949- 14	77820	BULK HEAD CONNECTOR	EA	1
E-29	4	PAFZZ	5320-00-956-7355	M24243+ 6A604H	81349	GASKET	EA	1
E-29	5	XBFZZ		0283-4-3019-2	15942	POP RIVET	EA	6
E-29	6	XBFZZ		0283-4-3019-1	15942	SINGLE FEEDTHROUGH PANEL	EA	1
E-29	7	PAFZZ	5320-00-493-4101	M24243/1- B604	81349	SINGLE FEEDTHROUGH PANEL	EA	6
E-29	8	PAFZZ	5310-00-722-5998	MS15795-805	96906	POP RIVET	EA	6
E-29	9	PAFZZ	5310-00-088-0551	MS21044N04	96906	WASHER, FLAT, NO. 4	EA	4
E-29	10	PAFZZ	5975-00-702-9230	10-101906-14-3	77820	NUT, SELF-LOCKING, HEX., NO. 4-40 UNC	EA	4
						DUST CAP	EA	1

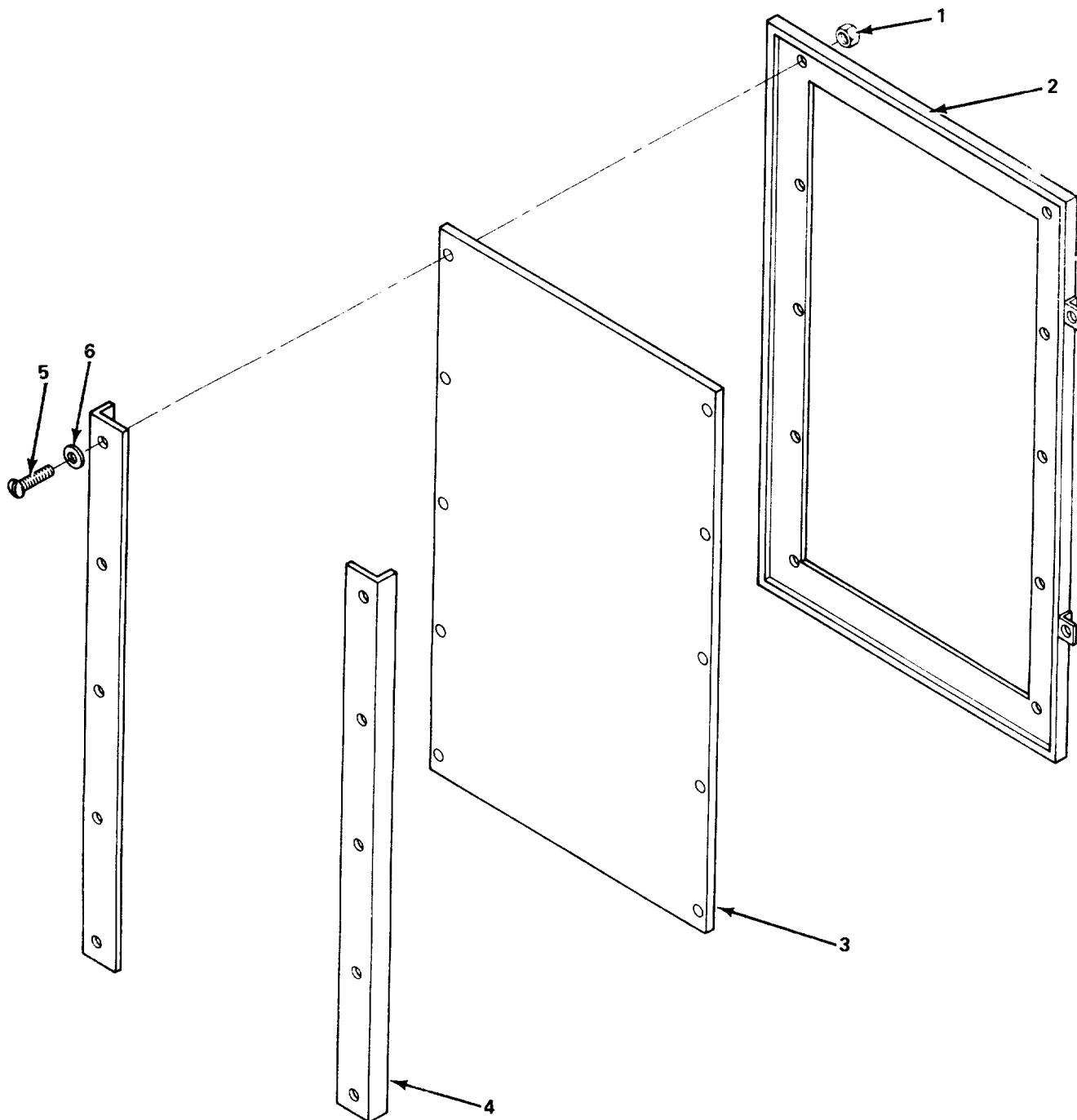


Figure E-30. Bulletin Board Assembly

Section II. REPAIR PARTS LIST

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
						USABLE ON CODES (UOC)		
E-30	1	PAFZZ	5310-00-877-5797	MS21044N3	96906	GROUP; 12 BULLETIN BOARD ASSY (1 5942)	EA	10
E-30	2	XBFZZ		0283-4 4505-1	15942	NUT, SELF-LOCKING, HEX., NO. 10-32 UNF	EA	1
E-30	3	XBFZZ		0283-44505-2	15942	FRAME WELDMENT	EA	1
E-30	4	XBFZZ		0283.44504-3	15942	CORK FACED BOARD	EA	2
E-30	5	PAFZZ	5305-00-059-3663	MS51958-67	96906	RETAINER ANGLE	EA	10
E-30	6	PAFZZ	5310-00-550-5054	MS15795-809	96906	SCREW, MACHINE, PAN HD., NO. 10-32 UNF X 1.0 IN. LG	EA	10
						WASHER, FLAT, NO. 10	EA	10

APPENDIX E

Section III. SPECIAL TOOLS LIST

(Not Applicable)

SECTION IV. NATIONAL STOCK NUMBER AND PART NUMBER INDEX

NATIONAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	NATIONAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER
5130-00-006-8291	E-5	4	5310-00-081-8087	E-19	2
5305-00-021-3620	E-1	32	5310-00-081-8087	E-20	5
5320-00-052-1972	E-II 1	4	5310-00-088-0551	E-7	17
5305-00-054-5647	E-26	3	5310-00-088-0551	E-8	5
5305-00-054-5649	E-29	1	5310-00-088-0551	E-9	2
5305-00-054-5651	E-7	19	5310-00-088-0551	E-20	18
5305-00-054-5651	E-20	14	5310-00-088-0551	E-21	2
5305-00-054-6652	E-7	7	5310-00-088-0551	E-29	9
5305-40-054-6652	E-16	4	5975-00-152-1144	E-8	3
5305-00-054-6652	E-20	3	5975-00-152-1144	E-9	3
5305-00-054.6654	E-1	45	5975-00-152-1144	E-21	3
5305-00-054-6654	E4	8	7520-00-162-6178	E-1	46
5305-00-054-6654	E-8	12	7520-00-162-7111	E-1	36
5305-00-054-6654	E-9	13	7520-00-163-2568	E-1	38
5305-00-054-6654	E-13	10	5315-00-163-5115	E-24	5
5305-00-054-6654	E-19	3	5940-00-168-3382	E-1	16
5305-00-054-6654	E-21	7	5310-00-180-5117	E-5	3
5305-00-054-6654	E-22	9	5310-00-180-5117	E-7	9
5305-00-054-6668	E-28	14	5310-00-180-5117	E-10	6
5305-00-054-6672	E-1	10	5310-00-180-5117	E-15	3
5305-00-059-3659	E-3	18	5310-00-180-5117	E-17	4
5305-00-059-3659	E-6	8	5310-00-180-5117	E-20	23
5305-00-059-3659	E-13	2	5305-00-207-8253	E-1	28
5305-00-059-3659	E-14	6	6240-00-224-1876	E-13	12
5305-00-059-3659	E-15	7	6240-00-224-1876	E-22	11
5305-00-059-3659	E-18	2	7520-00-224-7589	E-1	35
5305-00-059-3659	E-22	4	5935-00-241-0355	E-8	15
5305-00-059-3659	E-23	5	5935-00-241-0355	E-21	10
5303-00-059-3660	E-3	7	5305-00-253-5604	E-8	9
5303-00-059-3660	E-5	9	5305-00-253-5604	E-9	9
5305-00-059-3660	E-18	9	5305-00-253-5604	E-21	11
5305-00-059-3661	E-1	4	5935-00-257-7641	E-8	6
5305-00-059-3661	E-10	3	5935-00-257-7641	E-9	6
5303-00-059-3663	E-12	2	5935-00-257-7641	E-21	14
5305-00-059-3663	E-28	16	5365-00-271-7354	E-27	3
5305-00-059-3663	E-30	5	5325-00-276-5926	E-24	6
5340-00-070-2066	E4	6	5935-00-280-1937	E-27	2
5305-00-071-1322	E-3	3	5310-00-2824777	E-28	12
5305-00-071-1322	E-18	17	7520-00-285-7591	E-1	37
5305-00-071-1326	E-17	7	5310-00-413-0028	E-2	13
5310-00-081-8087	E-1	48	5310-00-413-0083	E-2	8
5310-00-081-8087	E4	5	5935-00-432-7733	E-8	17
5310-00-081-8087	E-7	5	5935-00-432-7733	E-9	19
5310-00-081-8087	E-8	2	5935-00-432-7733	E-21	5
5310-00-081-8087	E-9	5	5325-00-491-1402	E4	3
5310-00-081-8087	E-16	1	5325-00-491-1402	E-5	7

SECTION IV. NATIONAL STOCK NUMBER AND PART NUMBER INDEX

NATIONAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	NATIONAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER
5325-00491-1402	E-19	6	5935-00-807-4453	E-29	2
5320-004934101	E-29	7	5310-00-811-3494	E-6	4
5805-00-543-0012	E-1	44	5310-00-811-3494	E-9	21
5310-00-550-5054	E-1	2	5305-00-822-5853	E-1	50
5310-00-550-5054	E-3	6	5310-00-827-8976	E-2	1
5310-00-550-5054	E-5	8	5315-00-841-4442	E-24	2
5310-00-550-5054	E-6	7	6250-00-844-3854	E-13	5
5310-00-550-5054	E-7	12	6250-00-844-3854	E-22	5
5310-00-550-5054	E-12	1	5315-00-844-3943	E-6	14
5310-00-550-5054	E-18	4	5310-00-854-9382	E-7	2
5310-00-550-5054	E-20	21	5310-00-854-9382	E-20	6
5310-00-550-5054	E-28	2	5310-00-877-5797	E-1	57
5310-00-550-5054	E-30	6	5310-00-877-5797	E-3	2
5925-00-553-9899	E-8	10	5310-00-877-5797	E-5	2
5925-00-553-9899	E-9	10	5310-00-877-5797	E-6	5
5310-00-559-0070	E-28	13	5310-00-877-5797	E-13	4
5310-00-576-2508	E-2	9	5310-00-877-5797	E-18	5
5310-00-582-5677	E-1	30	5310-00-877-5797	E-22	2
5310-00-582-5677	E-3	12	5310-00-877-5797	E-30	1
5310-00-582-5677	E-18	12	5310-00-880-5978	E-1	47
5330-00-585-1591	E-29	3	5310-00-880-5978	E-7	21
5325-00-599-9270	E-10	2	5310-00-880-5978	E-8	14
5310-00-614-3505	E-7	3	5310-00-880-5978	E-9	15
5310-00-614-3505	E-20	7	5310-00-880-5978	E-16	5
5330-00-618-3447	E-12	3	5310-00-880-5978	E-20	12
5310-00-619-1148	E-1	12	5310-00-880-5978	E-21	9
5310-00-619-1148	E-6	2	5935-00-899-0554	E-27	1
5315-00-419-3155	E-25	3	5320-00-904-4136	E-28	10
7430-00-634-5062	E-1	26	5930-00-912-4552	E-9	18
5305-00-702-4523	E-3	14	6545-00-922-1200	E-1	34
5305-00-702-4523	E-18	10	5310-00-929-6395	E-8	13
5975-00-702-9230	E-29	10	5310-00-929-6395	E-9	14
5305-00-717-5467	E-1	54	5310-00-929-6395	E-13	9
5305-00-719-5064	E-7	16	5310-00-929-6395	E-21	8
5305-00-719-5064	E-20	15	5310-00-929-6395	E-22	10
5310-00-722-5998	E-29	8	5310-00-933-8119	E-1	11
5935-00-729-8660	E-9	16	5310-00-933-8120	E-1	3
5315-00-734-5634	E-6	11	5310-00-933-8120	E-3	8
7110-00-754-0760	E-25	1	5310-00-933-8120	E-7	13
5305-00-764-0071	E-6	1	5310-00-933-8120	E-10	4
5303-00-770-2579	E-8	7	5310-00-933-8120	E-13	3
5305-00-770-2579	E-9	7	5310-00-933-8120	E-14	5
5305-00-770-2579	E-21	13	5310-00-933-8120	E-15	6
5310-00-773-7618	E-1	51	5310-00-933-8120	E-18	15
5355-00-784-1683	E-24	3	5310-00-933-8120	E-20	20
5310-00-801-5761	E-1	53	5310-00-933-8120	E-22	3

NATIONAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	NATIONAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER
5310-00-933-8120	E-23	4	5310-00-955-6219	E-2	11
5310-00-933-8120	E-28	1	5320-00-956-7355	E-29	4
5310-00-933-8121	E-1	29	5340-00-969-6502	E-1	42
5310-00-933-8121	E-3	13	5310-00-984-7042	E-1	55
5310-00-933-8121	E-18	11	5945-00-995-0029	E-9	22
5805-00-945-8549	E-1	31	5305400-995-0437	E-3	4
5310-00-948-0755	E-2	6	5305-00-995-0437	E-18	7
5310-00-949-3906	E-28	4	5895-01-008-6091	E-26	2
7125-00-952-9091	E-1	33	5940-01-011-8889	E-28	15
5960-00-954-5872	E-13	13	5310-00-978-2370	E-28	11
5930-00-954-5872	E-22	7			

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
		E-1	30	MS21044N04	96906	E-8	5
		E-28	8	MS21044N04	96906	E-9	2
AAC00293	81348	E-25	1	MS21044N04	96906	E-20	18
AD45ABS	07707	E-11	4	MS21044N04	96906	E-21	2
AN316C4R	88044	E-28	12	MS21044N04	96906	E-29	9
AN3420-8A	88044	E-27	3	MS21044N06	96906	E-1	48
A4144-1	05587	E-28	15	MS21044N06	96906	E4	5
B231	98481	E-1	16	MS21044N06	96906	E-7	5
C5484-017-1	78553	E-13	6	MS21044N06	96906	E-8	2
C5484-017-1	78553	E-22	1	MS21044N06	96906	E-9	5
DODC6545		E1	34	MS21044N06	96906	E-19	2
FW-388	92219	E-28	11	MS21044N06	96906	E-20	5
F52NE066		E-1	53	MS21044N08	96906	E-6	4
HRC15	12084	E-13	11	MS21044N08	96906	E-9	21
HRC15	12084	E-22	12	MS21044N3	96906	E-1	57
MILG3036	81349	E-10	2	MS21044N3	96906	E-3	2
MS15589-3	96906	E-13	12	MS21044N3	96906	E-5	2
MS15589-3	96906	E-22	11	MS21044N3	96906	E-6	5
MS15759-807	96906	E-9	15	MS21044N3	96906	E-13	4
MS15795-805	96906	E-29	8	MS21044N3	96906	E-18	5
MS15795-807	96906	E-1	47	MS21044N3	96906	E-22	2
MS15795-807	96906	E-7	21	MS21044N3	96906	E-30	1
MS15795-807	96906	E-8	14	MS21318-2	96906	E-8	9
MS15795-807	96906	E-16	5	MS21318-2	96906	E-9	9
MS15795-807	96906	E-20	12	MS21318-2	96906	E-21	11
MS15795-807	96906	E-21	9	MS21944N06	96906	E-16	1
MS15795-808	96906	E-1	12	MS25082B11	96906	E-7	2
MS15795-808	96906	E-6	2	MS25092B11	96906	E-20	6
MS15795-809	96906	E-1	2	MS27130S32	96906	E-5	4
MS15795-809	96906	E-3	6	MS3057-8B	96906	E-27	2
MS15795-809	96906	E-5	8	MS35307-306	96906	E-3	14
MS15795-809	96906	E-6	7	MS35307-306	96906	E-18	10
MS15795-809	96906	E-7	12	MS35307-307	96906	E-1	32
MS15795-809	96906	E-12	1	MS35307-308	96906	E-1	28
MS15795-809	96906	E-18	4	MS35307-362	96906	E-1	54
MS15795-809	96906	E-20	21	MS35307-368	96906	E-1	50
MS15795-809	96906	E-28	2	MS35333-38	96906	E-28	13
MS15795-809	96906	E-30	6	MS35338-136	96906	E-8	13
MS15795-810	96906	E-3	12	MS35338-136	96906	E-9	14
MS15795-814	96906	E-1	51	MS35338-136	96906	E-13	9
MS15795-820	96906	E-7	3	MS35338-136	96906	E-21	8
MS15795-820	96906	E-20	7	MS35338-136	96906	E-22	10
MS16562-224	96906	E-24	2	MS35338-137	96906	E-1	11
MS171593	96906	E-25	3	MS35338-138	96906	E-1	3
MS21044N04	96906	E-7	17	MS35338-138	96906	E-3	8

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
MS35338-138	96906	E-7	13	MS51958-67	96906	E-12	2
MS35338-138	96906	E-10	4	MS51958-67	96906	E-28	16
MS35338-138	96906	E-13	3	MS51958-67	96906	E-30	5
MS35338-138	96906	E-14	5	MS51959-15	96906	E-8	7
MS35338-138	96906	E-15	6	MS51959-15	96906	E-9	7
MS35338-138	96906	E-18	15	MS51959-15	96906	E-21	13
MS35338-138	96906	E-20	20	MS51959-30	96906	E-7	16
MS35338-138	96906	E-22	3	MS51959-30	96906	E-20	15
MS35338-138	96906	E-23	4	MS5195947	96906	E-6	1
MS35338-138	96906	E-28	1	MS51960-65	96906	E-3	3
MS35338-139	96906	E-1	29	MS51960-65	96906	E-18	17
MS35338-139	96906	E-3	13	MS51960-66	96906	E-3	4
MS35338-139	96906	E-18	11	MS51960-66	96906	E-18	7
MS35338-141	96906	E-1	55	MS51960-69	96906	E-17	7
MS51795-810	96906	E-18	12	MS9021-008	96906	E-12	3
MS51957-13	96906	E-26	3	MX7197G	80058	E-1	33
MS51957-15	96906	E-29	1	M24243+6A604H	81349	E-29	4
MS51957-17	96906	E-7	19	M24243/1-B403	81349	E-28	10
MS51957-17	96906	E-20	14	M24243/1-B604	81349	E-29	7
MS51957-28	96906	E-7	7	NAS132953B180	80205	E-28	4
MS51957-28	96906	E-16	4	NAS1397R5	80205	E-1	42
MS51957-28	96906	E-20	3	NAS561P3-20	80205	E-6	11
MS51957-30	96906	E-1	45	NRN		E-1	35
MS51957-30	96906	E4	8	NRN		E-1	36
MS51957-30	96906	E-8	12	NRN		E-1	37
MS51957-30	96906	E-9	13	NRN		E-1	38
MS51957-30	96906	E-13	10	NRN		E-1	46
MS51957-30	96906	E-19	3	NRN	NRN	E-1	26
MS51957-30	96906	E-21	7	PTB14-15PS	77820	E-29	2
MS51957-30	96906	E-22	9	PT06A14-15P	77820	E-27	1
MS5195743	96906	E-28	14	P115	74193	E-8	10
MS5195747	96906	E-1	10	P115	74193	E-9	10
MS51958-63	96906	E-3	18	P3-13	71468	E-8	6
MS51958-63	96906	E-6	8	P3-13	71468	E-9	6
MS51958-63	96906	E-13	2	P3-13	71468	E-21	14
MS51958-63	96906	E-14	6	R120	02241	E-13	5
MS51958-63	96906	E-15	7	R120	02241	E-22	5
MS51958-63	96906	E-18	2	SNAS132983B80	80205	E-2	6
MS51958-63	96906	E-22	4	SP2189	96603	E-26	2
MS51958-63	96906	E-23	5	S09011	14726	E-1	9
MS51958-64	96906	E-3	7	S10-130	03481	E-5	3
MS51958-64	96906	E-5	9	S10-130	03481	E-7	9
MS51958-64	96906	E-18	9	S10-130	03481	E-10	6
MS51958-65	96906	E-1	4	S10-130	03481	E-15	3
MS51958-65	96906	E-10	3	S10-130	03481	E-17	4

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
S10-130	03481	E-20	23	02834-2515-2	15942	E-17	5
S10B130	25472	E-2	11	02834-2516	15942	E-11	2
S10B230	03481	E-2	13	02834-2517	15942	E-11	3
S25B140	25472	E-2	9	02834-2517	15942	E-14	1
S25B200	03481	E-2	1	02834-2517	15942	E-23	1
S8B160	03481	E-2	8	02834-2518	15942	E-10	5
TA312PT	81349	E-1	44	02834-2520	15942	E4	2
TA676G	80058	E-1	31	02834-2520	15942	E-19	6
T5100-14	89198	E-6	17	02834-2520-1	15942	E4	4
0283-1-3999-9	15942	E-1	7	02834-2520-1	15942	E-19	7
0283-2-1000	15942	E-2	5	02834-2569-1	15942	E-6	6
0283-2-2806-2	15942	E-8	11	02834-2615-1	15942	E-8	8
0283-2-2806-2	15942	E-9	11	02834-2615-1	15942	E-9	8
0283-2-2807	15942	E-12	2	02834-2615-1	15942	E-21	12
0283-2-2808	15942	E-8	18	02834-3000-2	15942	E-1	19
0283-2-2808	15942	E-9	20	02834-3002	15942	E-1	15
0283-2-2813	15942	E-9	23	02834-3004-1	15942	E-1	1
0283-2-2921-1	15942	E-9	12	02834-3019-1	15942	E-29	6
0283-2-3802-2	15942	E-12	4	02834-3019-2	15942	E-29	5
02834-2004	15942	E-2	10	02834-3301	15942	E-1	40
02834-2021-1	15942	E-25	2	02834-3500	15942	E-2	2
02834-2025	15942	E-26	1	02834-3500	15942	E-2	7
02834-2300-1	15942	E-1	41	02834-3501	15942	E-1	24
02834-2300-2	15942	E-1	52	02834-3502	15942	E-1	17
02834-2500	15942	E-1	56	02834-3503	15942	E-1	18
02834-2501	15942	E-1	39	02834-3504	15942	E-1	25
02834-2502	15942	E-28	6	02834-3505	15942	E-1	43
02834-2503	15942	E-28	9	02834-3506-1	15942	E-14	3
02834-2505	15942	E-28	7	02834-3506-1	15942	E-23	3
02834-2506-1	15942	E-14	4	02834-3507-1	15942	E-14	2
02834-2506-1	15942	E-23	7	02834-3507-1	15942	E-23	2
02834-2507	15942	E-2	12	02834-3508	15942	E-3	11
0283-4-2509	15942	E-5	5	02834-3508	15942	E-18	13
02834-2509-1	15942	E-5	6	02834-3508-3	15942	E-15	1
02834-2510	15942	E-7	6	02834-3509	15942	E-3	9
02834-2510	15942	E-20	4	02834-3509	15942	E-18	16
02834-2511-1	15942	E-7	18	02834-3511	15942	E-15	2
02834-2511-i	15942	E-20	17	02834-3511-1	15942	E-15	4
02834-2511-2	15942	E-7	11	02834-3512	15942	E-15	5
02834-2511-2	15942	E-20	22	02834-3513-1	15942	E-20	24
02834-2512	15942	E-17	2	02834-3513-2	15942	E-7	10
02834-2513	15942	E-17	6	02834-3514-1	15942	E-20	9
02834-2514-1	15942	E-17	9	0283 4-3514-2	15942	E-7	24
02834-2514-2	15942	E-17	3	02834-3515-1	15942	E-20	2
02834-2515-1	15942	E-17	8	02834-3515-2	15942	E-7	8

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
0283-4-3516	15942	E-7	22	0283-4-4513-2	15942	E-3	1
02834-3516	15942	E-20	11	028344515-1	15942	E-5	1
02834-3517	15942	E-17	1	0283-44515-2	15942	E-5	1
02834-3518	15942	E-11	1	0283-44516-1	15942	E-5	10
02834-3519-1	15942	E-13	1	02834-4517-7	15942	E-20	1
02834-3519-2	15942	E-22	6	028344517-8	15942	E-7	1
02834-3523	15942	E-6	16	0283-44518-2	15942	E-9	1
0283-4-3533-1	15942	E-18	3	0283-445184	15942	E-8	1
0283-4-3533-2	15942	E-3	17	02834-4518-6	15942	E-21	4
0283-4-3543	15942	E-6	9	02834-4519	15942	E-10	1
02834-3545	15942	E-6	18	02834-4520-1	15942	E4	1
02834-3569	15942	E-2	3	028344520-1	15942	E-19	1
02834-4005-3	15942	E-2	4	0283-44521-1	15942	E-4	7
0283-44011-6	15942	E-1	21	02834-4521-2	15942	E-19	4
0283-44502	15942	E-1	49	10-101906-14-3	77820	E-29	10
02834-4504	15942	E-1	5	10-101949-14	77820	E-29	3
0283-4-4504-1	15942	E-1	8	10-32X3-4CRES	70318	E-7	14
0283-4-4504-14	15942	E-14	7	10-32X3-4CRES	70318	E-20	19
0283-44504-14	15942	E-23	6	1369	75582	E-8	17
0283-4-4504-2	15942	E-1	22	1369	75582	E-9	19
02834-4504-3	15942	E-30	4	1369	75582	E-21	5
0283-4-4505-1	15942	E-30	2	15752XC5L	14068	E-20	10
02834-4505-2	15942	E-30	3	15752XC5L	14068	E-7	23
028344506-7	15942	E-1	20	1703-1-1184	15942	E-27	4
02834-4506-8	15942	E-1	23	2A11940	72882	E-20	13
028344506-9	15942	E-1	6	2595	70485	E-24	6
0283-44507	15942	E-1	14	271-10011P1	49956	E-9	22
0283-44507-1	15942	E-16	3	320X18INLG	83508	E-20	16
0283-44507-2	15942	E-16	2	320X18INLG	83508	E-7	15
0283-4-4507-3	15942	E-16	6	3302	59730	E-8	3
0283-44508-1	15942	E-18	14	3302	59730	E-9	3
02834-4508-2	15942	E-3	10	3302	59730	E-21	3
02834-4509-6	15942	E-3	15	44-99-116-13	94222	E4	6
0283-44509-7	15942	E-18	8	44-99-117-13	94222	E-19	5
02834-4510	15942	E-3	16	52-012-062-0750	72962	E-6	14
02834-4510	15942	E-18	6	5503-1	75582	E-9	18
02834-4511-25	15942	E-8	16	56-10-801-10	94222	E4	3
0283-44511-25	15942	E-9	17	56-10-801-10	94222	E-5	7
02834-4511-25	15942	E-21	6	56-10-801-10	94222	E-19	8
0283-44511-36	15942	E-8	4	566-1-2006	15942	E-7	20
0283-4-4511-36	15942	E-9	4	566-1-2006	15942	E-20	13
0283-4-4511-36	15942	E-21	1	566-1-2027	15942	E-6	15
0283-44511-4	15942	E-3	5	566-1-2028	15942	E-6	3
0283-44511-6	15942	E-18	18	566-1-2029	15942	E-6	13
0283-4-4513-1	15942	E-18	1	566-1-2030	15942	E-6	12

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
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566-1-2032	15942	E-6	6	579	75582	E-22	7
566-3-2610	15942	E-28	3	61036-70AL	63448	E-1	13
566-3-2960	15942	E-24	3	653W	63355	E-13	8
566-3-2961	15942	E-24	5	653W	63355	E-22	8
566-3-2962	15942	E-24	4	7220007	24618	E-13	7
566-3-2966	15942	E-7	4	7220007	24618	E-22	13
566-3-2966	15942	E-20	8	7526	74545	E-8	15
566-3-3961	15942	E-1	27	7526	74545	E-21	10
566-3-3962	15942	E-24	1	7529	74545	E-9	16
566-3-6209	15942	E-28	5				

APPENDIX F

EXPENDABLE SUPPLIES AND MATERIALS LIST

Section I. INTRODUCTION

F-1 SCOPE. This appendix lists expendable supplies and materials you will need to operate and maintain the Administrative Control Central AN/TSQ-79. These items are authorized to you by CTA 50-970, Expendable Items(except Medical, Class V, Repair Parts, and Heraldic Items).

HGeneral support maintenance
DDepot maintenance

c. *Column 3, National Stock Number (NSN).* This is the NSN assigned to the item; use it to request or requisition the item.

F-2 EXPLANATION OF COLUMNS.

a. *Column 1, Item Number.* This number is assigned to the entry in the listing and is referenced in the narrative instructions to identify the material (e.g., "Use cleaning compound, item 5, App. F").

d. *Column 4, Description.* Indicates the Federal Item name and, if required, a description to identify the item. The last line for each item indicates the part number followed by the Federal Supply Code for Manufacturer(FSCM) in parentheses, if applicable.

b. *Column 2, Level.* This column identifies the lowest level of maintenance that requires the listed item.

e. *Column 5, Unit of Measure (U/M).* Indicates the measure used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in, pr). If the U/M differs from the unit of issue, requisition the lowest unit that will satisfy your requirements.

COperator/Crew
OOrganizational maintenance
F.....Direct support maintenance

Section II. EXPENDABLE SUPPLIES AND MATERIALS LIST

(1) ITEM NUMBER	(2) LEVEL	(3) NATIONAL STOCK NUMBER	(4) DESCRIPTION	(5) U/M
1	C	7920-00-356-4694	BRUSH, BRISTLE 1A145 (18876)	EA
12	C	7930-00-6341362	DETERGENT P-D-220 (81348)	BX
3	C	8305-00-222-2423	CHEESECLOTH LINT FREE, CCCC440 (81348)	YD
4	C	9150-00-231-6640	OIL, GENERAL PURPOSE	CAN
5	C	6810-00-664-0387	TRICHLOROETHANE 801032 (18878)	GI

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V, W, X, Y, Z

None

By Order of the Secretary of the Army:

E. C. MEYER
General, United States Army
Chief of Staff

Official:

J. C. PENNINGTON
Major General, United States Army
The Adjutant General

PIN: 90050-000