

***TM 32-5895-248-14&P**

TECHNICAL MANUAL

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

DATA ANALYSIS CENTRAL

AN/TYQ-5

NSN 5895-00-937-8530

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HEADQUARTERS, DEPARTMENT OF THE ARMY

25 MAY 1980

WARNING

SHOCK HAZARD

This equipment contains dangerous voltages which can cause injury or death by severe electrical shock. Be extremely careful when making voltage measurements or other checks with the equipment connected to the power source during troubleshooting. Always disconnect the power source before making any continuity tests.

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**OPERATOR'S, ORGANIZATIONAL, DIRECT
SUPPORT AND GENERAL SUPPORT
MAINTENANCE MANUAL
(INCLUDING DEPOT REPAIR PARTS AND SPECIAL TOOLS LIST)
DATA ANALYSIS CENTRAL
AN/TYQ-5
NSN 5885-00-937-8530**

Current as of 5 August 1979

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the 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 the 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 32-5895-248-14, 1 April 1977, TM 32-5895-248-15P, 5 November 1973, and TM 32-5895-248-ESC, 3 May 1976, including all changes.

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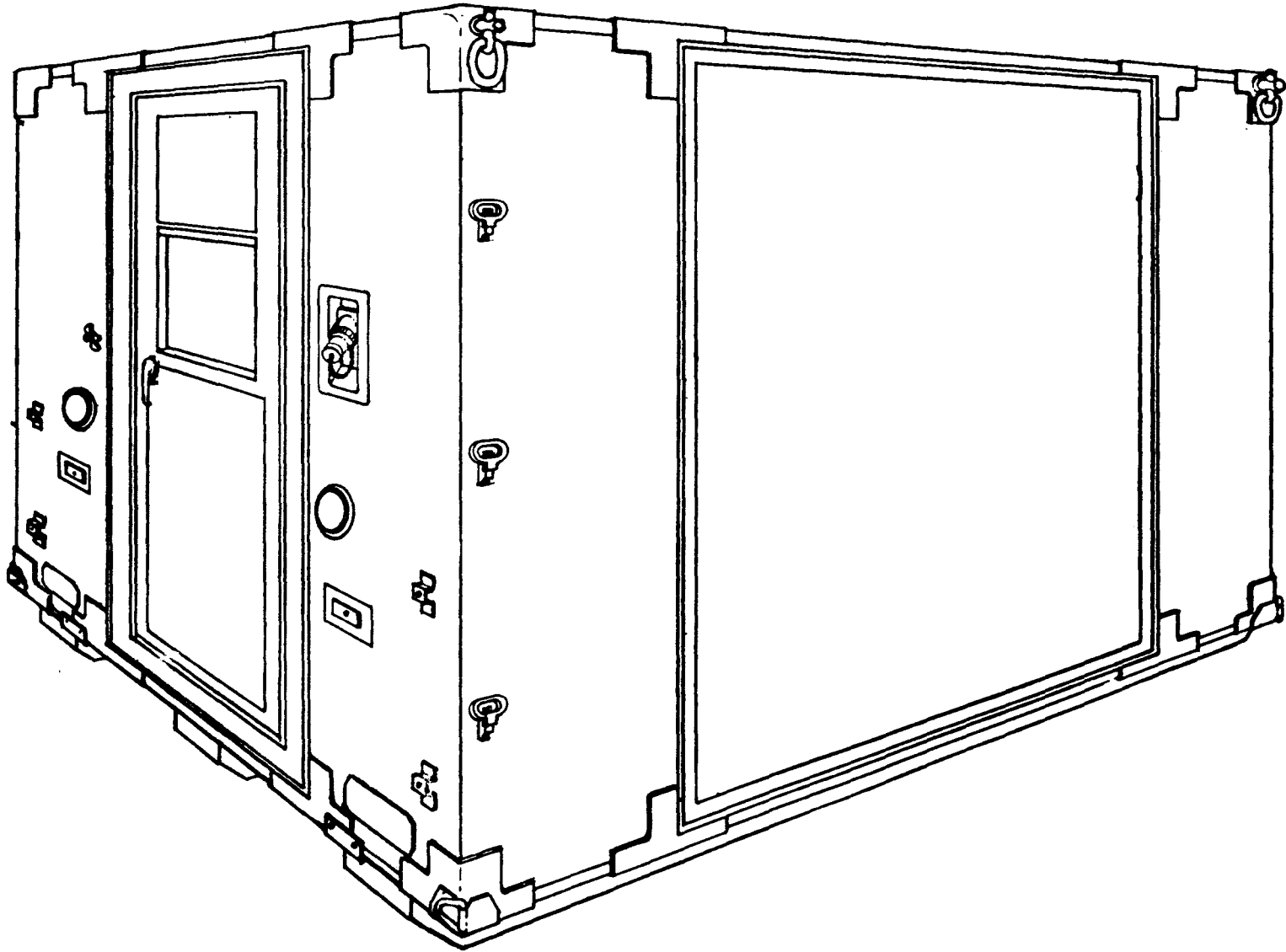


Figure 1-1. Data Analysis Central AN/TYQ-5 Exterior View

CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1 SCOPE. This manual provides instructions for installation and operation of the Data Analysis Central AN/TYQ-5 (central) under usual and unusual conditions. The manual also contains operator/crew, organizational, direct support, and general support maintenance instructions and includes cleaning and inspection, troubleshooting, parts replacement, and repair of the central. A repair parts and special tools list, including depot level parts, is also provided.

1-2 MAINTENANCE FORMS 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 central shall be destroyed to prevent enemy use in accordance with instructions provided in TM 750-244-2, Procedures for Destruction of Electronics Materiel to Prevent Enemy Use (Electronics Command).

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

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

1-6 REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR'S). If your central 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: SELEME-I, Vint Hill Farms Station, Warrenton, Virginia 22186. We'll send you a reply.

Section II. DESCRIPTION AND DATA

1-7 PURPOSE AND USE. The Data Analysis Central AN/TYQ-5 (figures 1-1 and 1-2) is a completely self contained, portable facility used to intercept and analyze data obtained from intercepted radio signals. The central can be used as a single unit configuration or as a part of an Operational Unit, Transportable System (OUTS).

1-8 Description. The Data Analysis Central AN/TYQ-5 can be installed on a 2-½-ton or larger vehicle for operation as a single unit. It can also be mounted on a V-398 trailer when used as part of the OUTS.

a. The central is equipped with five work stations (four corner consoles and one center console). Each work

position consists of an upper cabinet assembly, a bulletin board, a work surface, and? lower cabinet assembly.

b. A map board assembly is mounted on the left wall of the shelter as you look at the face of the center console.

c. An adjustable work surface is provided for use between the two corner consoles that face the center console.

d. Each of the five work positions has a rotary chair with an associated tiedown assembly.

e. The components of the central to which common names are assigned are shown in table 1-1. A tabular listing of major and minor components is contained in table 1-2. Detailed descriptions of the components are provided in the following paragraphs. Locations of the components are shown in figure FO-1.

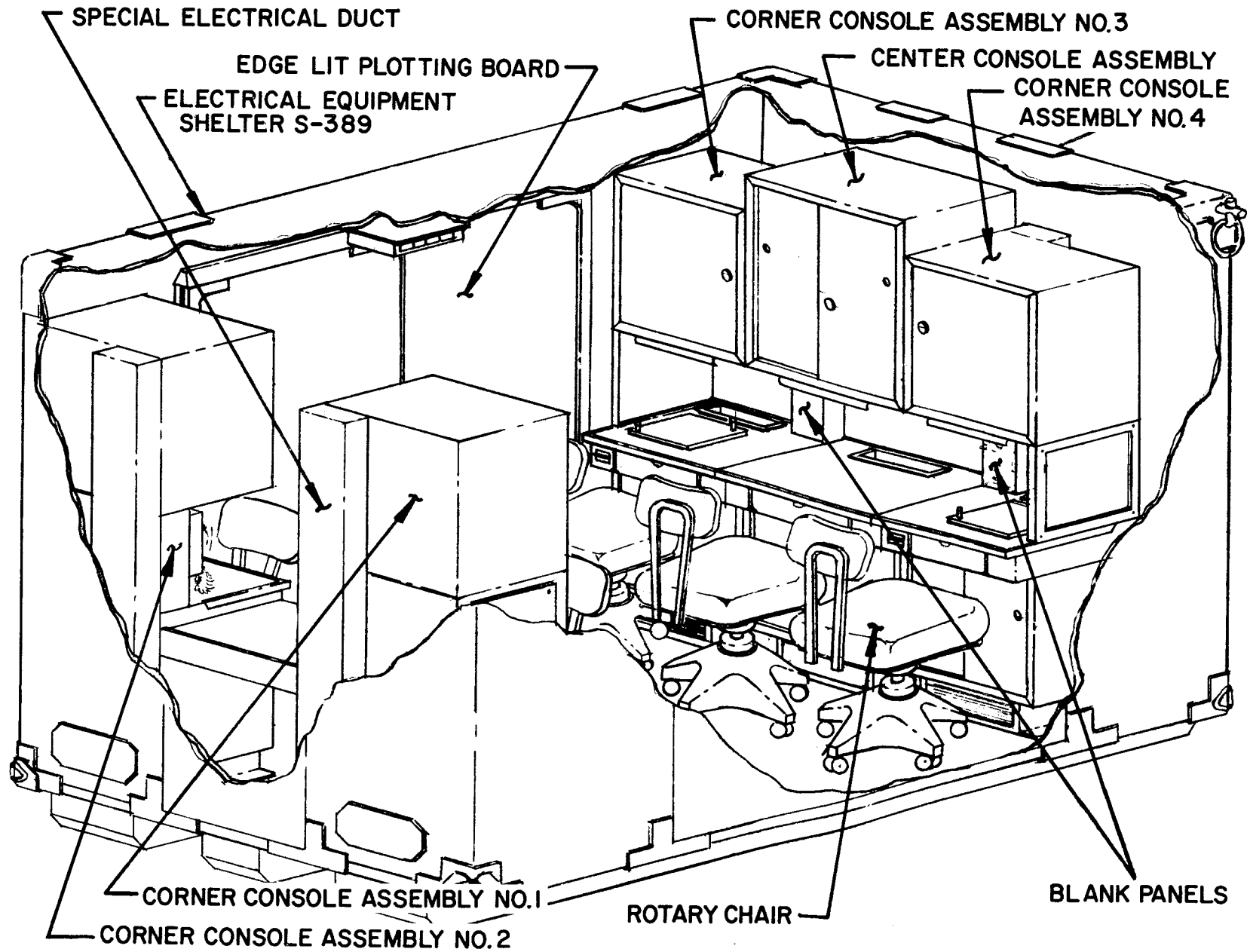


Figure 1-2. Data Analysis Central AN/TYQ-5 Cutaway View

Table 1-1. Common Names

Item	Common Name
Shelter, Electrical Equipment S-389 (Modified)	Shelter
Center Console Assembly	Center Console
Upper Cabinet Assembly	Upper Cabinet
Light Unit Assembly	Console Light
Work Surface Assembly	Work Surface
Lower Cabinet Assembly	Lower Cabinet
Cabinet Base Assembly	Cabinet Base
Corner Console Assembly	Corner Console
Base and Air Duct Assembly	Air Duct
Electrical Duct Extension Assembly	Duct Extension
Telephone Mounting Panel Assembly	Telephone Panel
Corner Cabinet Stabilizer Bracket Set	Bracket Set
Edge-Lit Map Board Assembly	Map Board
Digital Clock Mounting Plate	Clock Mount
Digital Clock Readout Assembly	Clock
Equipment Tray Assembly	Equipment Tray
Calculator Machine	Calculator
Mechanical Lettering Set	Lettering Set
Telephone Set TA-676(*)/G	Telephone
Card Index File Unit	Card File
Ash Receiver Tobacco, Modified	Ash Tray
Special Electrical Duct	Electrical Duct
Shelf Cabinet Adjustable Shelves	Adjustable Shelf
Sliding Door Latch	Door Latch
Adjustable Work Surface	Work Surface

Table 1-2. Components of Central

Quantity	Component
1	Shelter, Electrical Equipment S-389 (Modified)
1	Center Console Assembly Consisting of:
1	Upper Cabinet Assembly
1	Light Unit Assembly
1	Bulletin Board
1	Work Surface Assembly
1	Lower Cabinet Assembly
1	Cabinet Base Assembly
4	Corner Console Assemblies Each Consisting of:
1	Base and Air Duct Assembly
1	Lower Cabinet Assembly
1	Work Surface Assembly
1	Tack Board
1	Electrical Duct Extension Assembly
1	Telephone Mounting Panel Assembly
1	Upper Cabinet Assembly

Table 1-2. Components of Central - Continued

Quantity	Component
1	Light Unit Assembly
1	Adjustable Work Surface
1	Edge-Lit Map Board Assembly
1	Digital Clock Remote Display
4	Equipment Tray Assemblies
5	Rotary Chairs
1	Gothic Typewriter
1	Elite Typewriter
1	Calculator
1	Numbering Machine
1	Pencil Sharpener
1	Lettering Set
1	Two-Hole Perforator
1	Three-Hole Perforator
4	Special Electrical Ducts
1	Telephone Set TA-676(*)/G
1	Cable Access Assembly

f. Description of Components.

(1) *Shelter*. The central is mounted in an S-389 shelter modified for installation of the components. Modification is limited to installing the hardware needed for an intercom passthru in one end wall, installing special electrical ducts after removing the standard electrical ducts, and installing a cable access assembly.

(2) *Center Console Assembly*. The center console is the largest console in the central. It consists of storage cabinets, card index file units, a bulletin board, and a large work surface. The individual components of the center console are described in detail below.

(a) *Upper Cabinet Assembly*. The upper cabinet is positioned directly above the bulletin board and extends out and over the work surface. It consists of two sections, a shelf cabinet and a card index file unit. The shelf cabinet section has two adjustable shelves with a total of 11 positions. Each shelf has two spring-loaded plungers, one on either side of the shelf. The shelves are supported in the rear by a pair of corner brackets and in the front by a pair of hat-shaped cross section rails (hat sections). The corner brackets and hat sections are slotted to allow shelf adjustment. The card index file unit consists of three card files. Each card file has nine trays with 50 hinged pockets for 5-by 8-inch cards. The cards are retained at the corners by angled slots in the hinged card pockets. The two sections are behind 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 to secure the doors during transit.

(b) *Console Light*. This light is mounted under the upper cabinet of the center console. It is a 15-watt, 18-inch fluorescent lamp with a pushbutton switch and a reflector shade.

(c) *Bulletin Board*. A bulletin board is mounted between the upper cabinet and the work surface at the rear of the center console. The board consists of a frame-mounted tackboard.

(d) *Work Surface Assembly*. A formica covered work surface assembly is positioned on top and extends out and 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.

(e) *Lower Cabinet Assembly*. This assembly is located below the work surface. It has two sliding doors similar to the doors described in paragraph (2)(a) above. Behind the doors there is a shelf assembly which is adjustable to six different positions. There is an access panel to the electrical duct in the rear of the lower cabinet. The lower cabinet rests on a cabinet base assembly.

(3) *Corner Console Assembly*. There are four corner console assemblies in the central. Each consists of a base and air duct assembly, lower cabinet, work surface, bulletin board, electrical duct extension, telephone panel, upper cabinet, and a light. The individual components are described in detail below.

(a) *Base and Air Duct Assembly*. A base and air duct assembly is provided below the lower cabinet, and supports the corner console.

(b) *Lower Cabinet Assembly*. The lower cabinet is similar to the cabinet described in paragraph (2)(e) above, except it has no access panel and is smaller.

(c) *Work Surface Assembly*. This assembly is similar to the center console work surface assembly described in paragraph (2)(d) above, except it is smaller and has an ash tray. It also has a removable equipment tray mounted on the surface that serves as a mount for the calculator or one of the two typewriters.

(d) *Bulletin Board*. The bulletin board is similar to that used in the center console, except that it is L-Shaped and fits in the corner of the console.

(e) *Electrical Duct Extension Assembly*. An electrical duct extension assembly is mounted between the work surface and the upper cabinet. It has provisions for two convenience receptacles, a blackout circuit switch, an A-phase circuit breaker, and a light circuit breaker. The telephone mounting panel is also mounted on the duct extension.

(f) *Console Light*. This light is identical to the unit described in paragraph (2)(b) above.

(g) *Upper Cabinet Assembly*. The upper cabinet assembly is a hinged, door-type shelf cabinet with one adjustable shelf.

(4) *Corner Cabinet Stabilizer Bracket Set*. Rear and side stabilizer brackets (four of each kind) are used to hold the tops of the corner consoles to the end and side walls of the central.

(5) *Adjustable Work Surface*. The formica covered adjustable work surface is mounted between the two corner consoles on the end opposite the center console. Four sets of threaded inserts on the work surface of each corner console provide four positions for the adjustable work surface.

(6) *Edge-Lit Map Board Assembly*. This assembly consists of a rubber-faced backboard and two clear plastic cover halves that are hinged from each side of the backboard and fastened at the center with large knurled knob captive screws. The map board is mounted on two brackets which are permanently attached to the central's wall. Eight fluorescent lamp units are mounted on the frame, top, and bottom for edge lighting. On-off switching controls for the lamp units are mounted at each end of the lower lighting trough allowing operation from the chair positions.

(7) *Digital Clock Readout Assembly*. The clock readout is mounted on a bracket attached to the ceiling in front of the map board. It is a remote digital slave unit used in an OOTS and needs a master clock for operation.

(8) *Rotary Chair*. The rotary chair is provided with a tie down assembly which is directly beneath the centermost of the chair. The tiedown assembly locks into a floor socket for transport.

(9) *Special Electrical Duct*. Four 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 a passthru, with a gasket between it and the electrical duct extension assembly. Each duct also has a side access panel. The electrical duct on the center console end next to the map board has two open neoprene flaps on the top of the duct, allowing the wires for the clock and the map board to pass through.

(10) *Telephone Set TA-676(*)/G*. A telephone set is normally mounted on the electrical duct extension assembly of corner console number one. It maybe moved to any of the other three corner consoles as operational requirements dictate. It is part of an intercom system in an OOTS complex and requires a switchboard for operation. The telephone is connected to external feedthru in the "M" hole on the central's end wall on the right side of the center console. The other feedthru is a panel assembly on the opposite end wall. Power is supplied to the telephone by a receptacle on the electrical duct extension assembly of each corner console. Refer to paragraph (3)(e) above.

(11) *Additional Equipment Required.* Equipment required for operation, but not supplied as part of the central, is listed in table 1-3.

1-9 DIFFERENCE BETWEEN CONFIGURATIONS. A listing of all components which comprise the four possible configurations is contained in table 1-4.

1-10 TABULATED DATA.

a. External Dimensions and Weight.

Length 144 in.
 Height 88 in.
 Width 86 in.
 Weight 2,600 lbs.

b. Power Source Equipment.

Electrical Characteristics 208 VAC,
 60 Hz, 3-phase,
 4-wire, 30 Kw

Table 1-3. Additional Equipment Required

NOTE

The equipment listed below is required for independent operation of the central. When the central is used as part of an operational complex, all of the listed equipment will not be

Quantity	Equipment	Function
1	Generator Set	Used as standby power source if commercial power fails or as primary power source when commercial power is not available.
1	Air Conditioner	Used to heat and cool shelter.
1	Air Conditioner Mounting Kit	Used to mount air conditioner.
1	Power Cable Kit	Used to connect generator to shelter and air conditioner.
1	Grounding Kit	Used to ground shelter.

Table 1-4. Difference Between Configurations

Quantity				Component
V1	V2	V3	V4	
1	1	1	1	Shelter, Electrical Equipment S-389 (Modified)
1	1	1	1	Center Console Assembly
4	4	4	4	Corner Console Assemblies
1	1	1	1	Corner Cabinet Stabilizer Bracket Set
1	1	1	1	Adjustable Work Surface
1	0	1	0	Edge-Lit Map Board Assembly
2	0	2	0	Map Board Mounting Brackets
1	0	1	0	Digital Clock Readout Assembly
4	4	4	4	Equipment Tray Assemblies
5	5	5	5	Rotary Chairs
1	0	1	0	Gothic Typewriter
1	0	1	0	Elite Typewriter
1	0	1	0	Calculator Machine
1	0	1	0	Numbering Machine
1	1	1	1	Pencil Sharpener
1	0	1	0	Lettering Set
1	0	1	0	Two-Hole Perforator
1	0	1	0	Three-Hole Perforator
4	4	4	4	Special Electrical Ducts
1	1	0	0	Telephone Set TA-676(*)/G
1	1	0	0	Cable Access Assembly
0	0	1	1	Air Conditioner, 18,000 BTU
0	0	1	1	Air Conditioner Mounting Kit
1	1	1	1	Fire Extinguisher Mounting
1	0	1	0	Stapler
1	0	1	0	Clock, M2
1	0	1	0	First Aid Kit
1	0	1	0	Oral Resuscitator
0	0	0	1	Walk Way Kit, Side
0	0	1	1	Power Cable, 80 ft
0	0	0	1	Walk Way Storage Kit

CHAPTER 2

OPERATING INSTRUCTIONS

Section I. CONTROLS AND INSTRUMENTS

There are no instructions applicable to controls or instruments for this equipment.

Section II. OPERATION UNDER USUAL CONDITIONS

2-1 PREPARATION FOR USE. Certain procedures must be carried out before the central is ready for operational use. The procedures are described below.

a. Chairs. All chairs are fitted with a spring-loaded tie-down assembly on the bottom of the seat adjusting stem. This assembly fits into a keyslot shaped socket in the shelter floor (figure 2-1). Release chair tiedown as follows:

(1) Loosen seat height adjusting screw until chair swivels freely on door.

(2) Depress socket cover on floor socket and pull tiedown assembly out of keyslot into socket well, allowing the assembly to spring up and clear the floor. The socket cover will spring back flush with the floor. The chair is released at this point and can be adjusted to any height.

b. Drawers. The drawers on the work surfaces of each of the consoles are provided with key-operated locks. Unlock each drawer with the key provided.

c. Sliding Doors. The upper cabinet assembly of the center console and the lower cabinet assembly of each of the consoles have a sliding door assembly which has a door latch that prevents door movement during transit. To release the door latch, proceed as follows.

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

(2) Pull knob outward and slid doors open.

d. Equipment Trays. The equipment tray on each corner console comes secured to the console. To release equipment tray for operation, turn the two knurled barrels counterclockwise until the release springs are unlocked and the barrels are up and free turning (figure 2-2).

2-2 INITIAL ADJUSTMENTS. Not applicable to this equipment.

2-3 OPERATING PROCEDURES. Overall control and operation of the central is determined by the using organization. Refer to local directives for overall operation. Prepare equipment for operation as described below.

a. Sliding Door Latches. Each cabinet with sliding doors has a door latch. For normal use, proceed as follows:

(1) Pull back knob at the center of the doors outward.

(2) Slide doors open.

(3) To close doors, slide door closed until door latch engages.

b. Upper and Lower Cabinet – Shelf Rearrangement. Adjustable shelves are located in the upper and lower cabinet assemblies of each of the five consoles. Rearrange the adjustable shelves as follows:

(1) Open the cabinet doors (sliding or hinged type).

(2) Pull out the spring-loaded plunger on each side of the shelf. (Located directly behind the front edge.)

(3) Slide shelf out from the slots of the corner brackets and out of the shelf cabinet.

(4) Fit shelf into cabinet and slide rear edge into slots of corner brackets at desired level.

(5) Align spring-loaded plunger to proper holes in the hat sections.

(6) Pull out plungers and allow them to fit into holes of hat sections; then release the plungers.

c. Work Surface Drawer. Each work surface of the five consoles has a sliding drawer. Remove and install the work surface drawer as follows:

(1) Pull drawer out to the slide stops.

(2) Depress the slide stops on both sides of the drawer and pull drawer out from the slides.

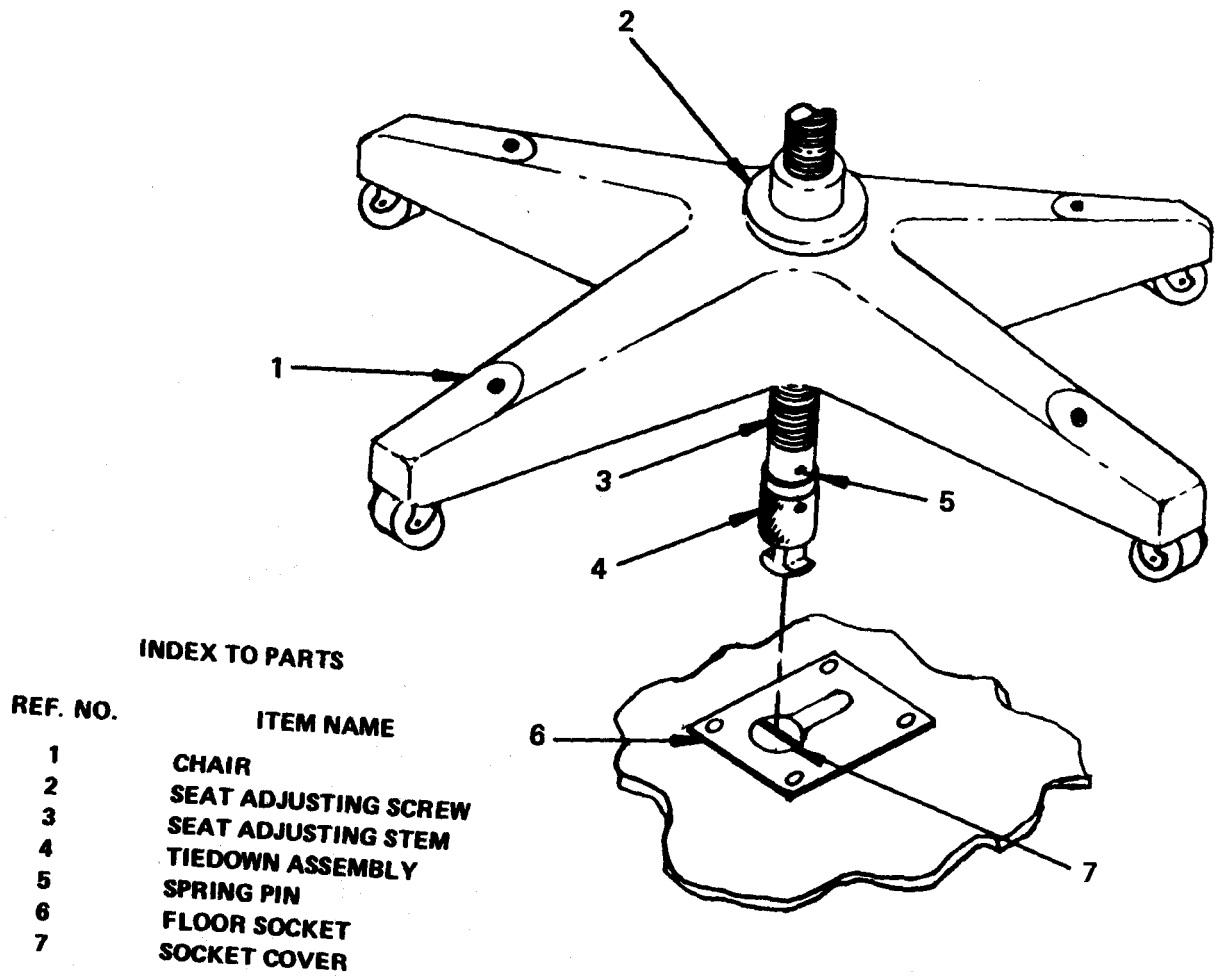


Figure 2-1. Chair Tiedown Assembly

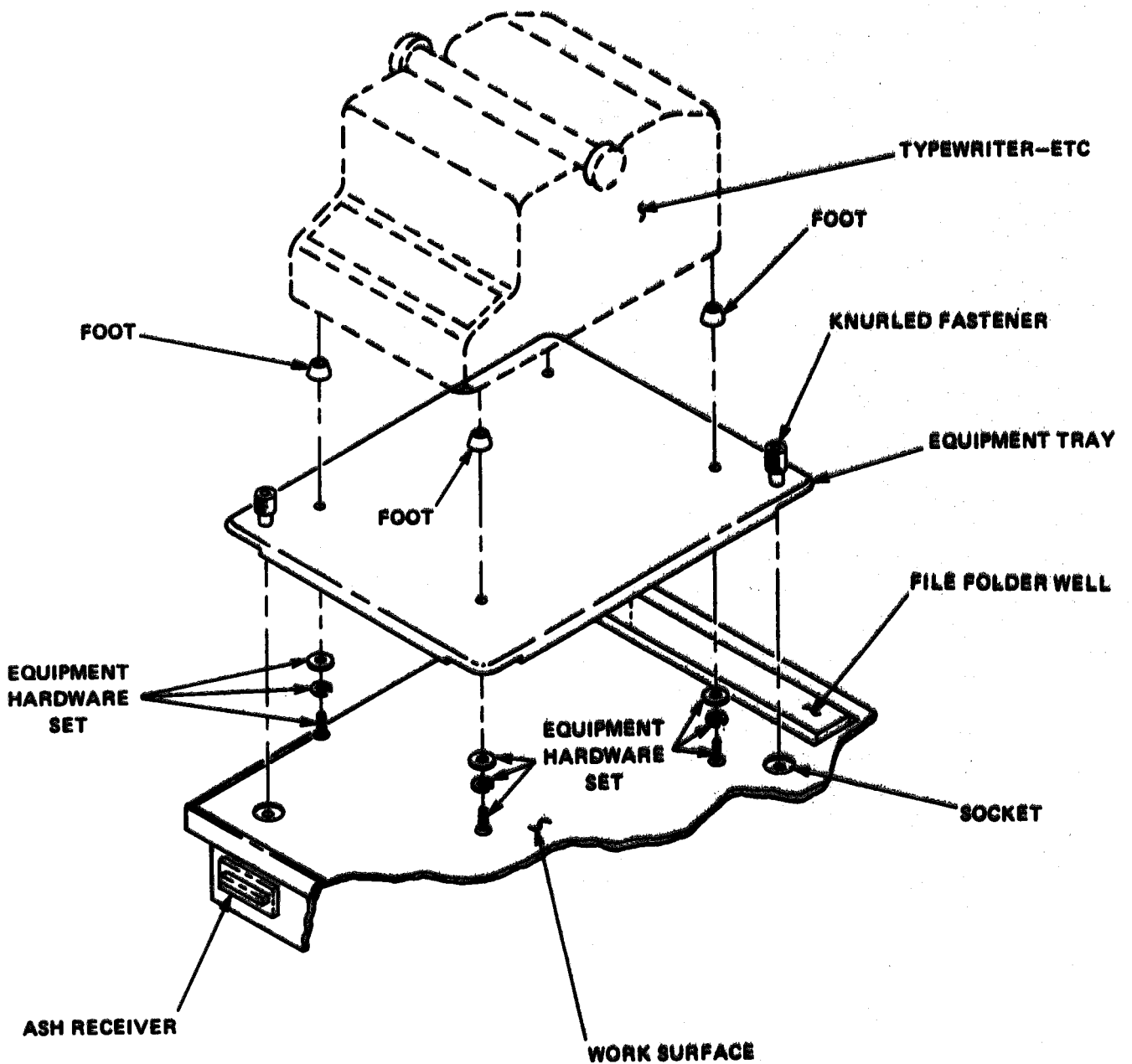


Figure 2-2. Equipment Tray Assembly

(3) To reinstall drawer, align drawer slide wheel rollers with table extension slides and push drawer into place.

d. Card File – Card and Pocket Rearrangement. The cards of the card files may be removed simply by lifting the card from the pocket and allowing it to bend as required. New cards are installed by bending the cards slightly and inserting the corners into the angled slots corresponding to the card size used. Replace card pockets as follows:

- (1) Locate the card pocket to be replaced and lift all pockets above it.
- (2) Bend the card pocket at a point between the hinge hangers until one hinge can be slipped from its hanger.
- (3) Slide pocket off of other hanger.
- (4) Slide one hinge of new pocket on one hanger. Bend pocket enough to allow other hinge to engage other hanger.
- (5) Transfer card from old pocket to new pocket.
- (6) Lower pockets above new pocket and slide drawer closed.

e. Equipment Tray Rearrangement. The equipment tray on each corner console normally has equipment, such as a typewrites, mounted on it. For normal operation move equipment trays as follows:

- (1) Turn the knurled barrel counterclockwise until release spring is unloaded and barrel is up and free turning.
- (2) Repeat step (1) for other barrel.
- (3) Position the equipment tray on the new work surface.
- (4) Depress one of the barrels and use the extended screw pin as a locator for its socket in the work surface.
- (5) Repeat step (4) to locate remaining socket.
- (6) Turn both barrels clockwise until equipment tray is locked down finger tight.

f. Adjustable Work Surface. The adjustable work surface is mounted to threaded inserts in the side of two corner consoles. Four different positions are provided (figure 2-3). Reposition the adjustable work surface as follows:

- (1) Remove the four sets of hardware holding each adjustable work surface support angle to the console.
- (2) Align holes in adjustable work surface support angles to threaded inserts in corner console at the new position.
- (3) Fasten the adjustable work surface to the corner consoles with the eight sets of hardware provided.

g. Console Lights. All console lights are similar and are operated by a pushbutton switch mounted on the housing end of each light unit. A reflector shade is provided to direct illumination to the work surface and the bulletin board.

h. Map Board. Either of the two toggle switches on the lower ends of the map board may be used to turn on the map board lamps. Mount and remove maps and charts as follows:

- (1) Loosen the four knurled closure knobs at the upper and lower center of the map board.
- (2) Swing the plastic covers outward and open.
- (3) Position map or chart against the backboard and secure with masking tape.
- (4) Close and secure both hinged covers.
- (5) To remove the map or chart, repeat steps (1) through (4) in reverse order.

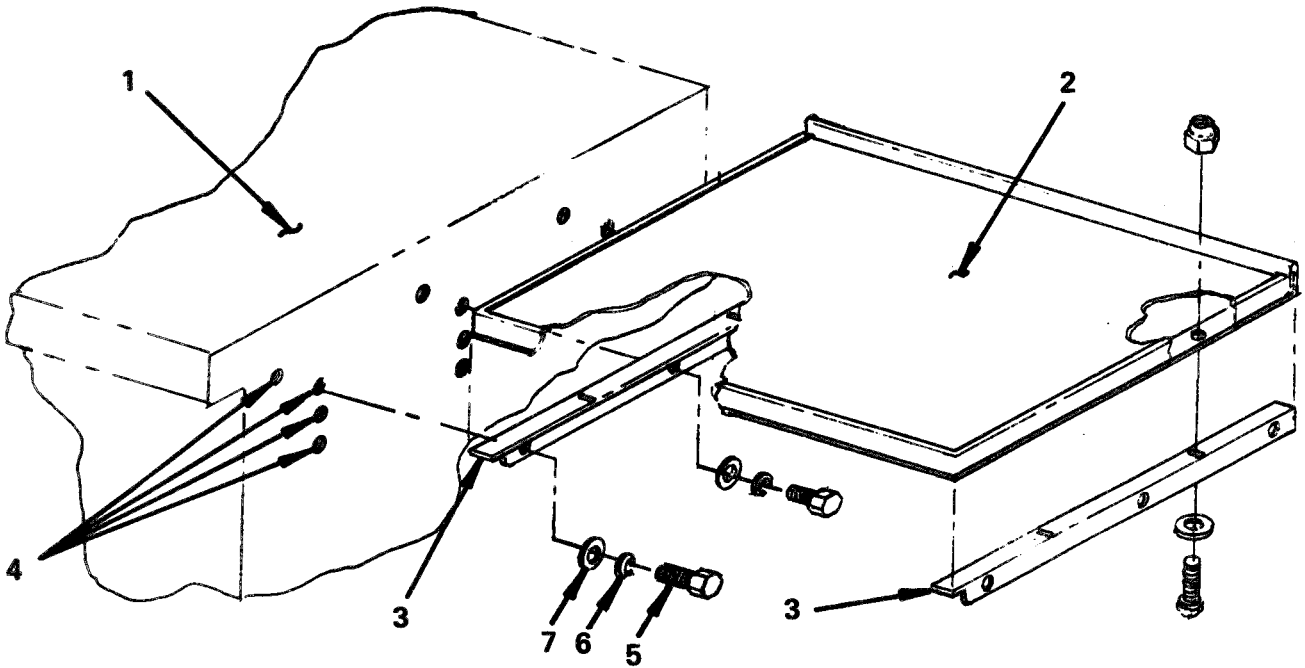
2-4 OPERATING INSTRUCTIONS FOR AIRBORNE EQUIPMENT. Not applicable to this equipment.

2-5 OPERATION OF AUXILIARY EQUIPMENT. For operation of the equipment listed in table 1-4 and other auxiliary equipment, refer to the applicable technical manual listed in Appendix A.

Section III. OPERATION UNDER UNUSUAL CONDITIONS

2-6 GENERAL. It may be necessary to operate the central under abnormal conditions of extreme cold, heat, humidity, moisture, or sand. When equipped with external air conditioning, the shelter will protect personnel and material in temperatures ranging from -30°F to +120°F.

a. Operation in Arctic Climates. Subzero temperatures and climatic conditions associated with subzero weather affect the efficient operation of the equipment. Handle the equipment carefully. Parts, particularly plastics and wire insulation, become brittle at these temperatures.



REF. NO.	DESCRIPTION
1	WORK SURFACE (CORNER CONSOLE)
2	ADJUSTABLE WORK SURFACE
3	SUPPORT ANGLE
4	FOUR POSITIONS (THREADED INSERTS)
5	SCREW (10-32 X 3/4")
6	LOCK WASHER (MS-36338-138)
7	FLAT WASHER (MS-15795-808)

Figure 2-3. Adjustable Work Surface

Keep equipment as warm and dry as possible. Where possible, keep equipment operating so it remains warm. Place a blanket or other barrier between equipment and the shelter entrance. This helps reduce heat loss and lessens the danger of a cold draft striking heated elements in the 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 relative humidity may cause condensation on equipment. Dry the equipment thoroughly at the first signs of moisture.

c. Operation in Desert Climates. The main problem arising in desert operation is the large amounts of sand, dust, and dirt entering moving parts in equipment. The best precaution is to make the shelter as dustproof as possible with available materials. Hang wet sacking over doors to reduce incoming sand when the doors are opened. Do not remove panel and chassis assemblies unless absolutely necessary. Clean assemblies thoroughly before replacing them. Keep equipment as free from dust as possible. Make frequent preventive maintenance checks. Excessive amounts of dust, sand, or dirt, mixed with oil and grease, become grit which damages moving parts.

Section IV. PREPARATION FOR MOVEMENT

2-7 DISMANTLING FOR MOVEMENT. Dismantle the central by disconnecting all external connections required for operation. Secure all loose equipment with the mobility tiedowns provided. The central is a completely portable facility and no special packaging or protection is required.

a. Chair Tiedown Installation.

(1) Turn seat height adjusting screw on chair to lower tie down pin to approximately 1/8 inch above floor.

(2) Position chair over floor socket, aligning tiedown pin with socket well cover and key slot; grasp knurled sleeve on tiedown pin, push pin into socket well, and slide into key slot until socket well cover snaps back up, locking pin in socket.

(3) Turn seat height adjusting screw to raise seat, tightening chair against floor.

b. Drawers. Lock all the drawers of the work consoles with the keys provided.

c. Sliding Doors.

(1) Slide the doors closed.

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

d. Equipment Trays. Secure loose equipment trays to console work surfaces, as follows:

(1) Position the equipment tray on the work surface.

(2) Depress the knurled barrel and use the extended screw pin as a locator for its socket.

(3) Turn the barrel clockwise until tray is locked finger tight.

(4) Repeat steps (2) and (3) for the other knurled barrel of the equipment tray.

CHAPTER 3

OPERATOR/CREW MAINTENANCE INSTRUCTIONS

Section I. TOOLS AND EQUIPMENT

3-1 GENERAL. Repair parts, tools, test equipment, and accessories issued with or authorized for use by the operator for the Data Analysis Central AN/TYQ-5 are listed

in the basic issue items list, appendix B, and the repair parts and special tools list, appendix E.

Section II. LUBRICATION INSTRUCTIONS

3-2 GENERAL. Lubrication is limited to the sliding and rotating parts listed below. For lubrication instructions on operating components, refer to the applicable technical manual listed in appendix A.

a. Apply a light film of oil to the chair seat adjusting screw and in the chair tiedown pin sliding collar.

b. Apply a light film of dry lubricant to the slides on the drawer of each console work surface.

Section III. PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS)

3-3 GENERAL. Operator/crew PMCS will be performed in the order listed in table 3-1. For preventive maintenance of the vehicle, shelter, or other auxiliary equipment, refer to the applicable technical manual listed in appendix A.

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.

Section IV. TROUBLESHOOTING PROCEDURES

3-4 GENERAL. Troubleshooting is limited to finding faults in the interconnections of components. For trouble-

shooting operational equipment, refer to the applicable technical manual listed in appendix A.

Section V. MAINTENANCE PROCEDURES

3-5 OPERATOR'S MAINTENANCE. Operator's maintenance consists of preventive maintenance and checking equipment. Preventive maintenance is the systematic care, servicing, and inspection of equipment to prevent the

occurrence of trouble, to reduce downtime, and to maintain equipment in combat serviceable condition. Operator's preventive maintenance is performed daily.

Table 3-1. Operator/Crew Preventive Maintenance Checks and Services

NOTE

Within designated interval, these checks are to be performed in the order listed.

B – Before A – After M – Monthly
 D – During W – Weekly

Item No.	Interval					Item to be Inspected	Procedures	Equipment will be reported Not Ready (Red) If:
	B	D	A	W	M			
1	•					MWO's	Determine if all pertinent URGENT MWO's have been applied.	One or more URGENT MWO's have not been applied.
2	•					INVENTORY	Ensure all components are intact and in good material condition.	One or more major components damaged or defective.
3	•					INTERCOM	Establish two-way communications. Check lights and transmission quality.	Two-way communications cannot be established from one or more TA-676(*)/G units.
4	•					DIGITAL CLOCK READOUT	Check that clock is operational and in agreement with master clock.	Clock not operational.
5	•					TYPEWRITERS	Check that all functions are operational and correct output product legible.	Upper or lower case function inoperative; output product illegible.
6	•					BLACKOUT LIGHT	Ensure that the blackout lighting system is operational.	Blackout lighting system not operational.
7	•					CALCULATOR	Check operation in all functions.	One or more functions inoperative. Output tape illegible.
8	•					EXTERIOR CABLE CONNECTIONS	Inspect all cable connections for grease, oil, or dirt. Clean, tighten, and remove all kinks and strain.	
9	•					LIGHTS	Check for operability.	
10	•					INTERIOR WIRES AND CABLES	Check all wires and cables for loose connections. Check insulation for cuts or abrasion.	
11	•	•				GENERATOR	Check for proper operation. Check for correct output, voltage and frequency.	Generator inoperative. Incorrect output.
12	•					AIR CONDITIONER	Check for proper operation. Check controls.	Air conditioner inoperative.

CHAPTER 4

ORGANIZATIONAL MAINTENANCE INSTRUCTIONS

Section I. SERVICE UPON RECEIPT OF MATERIEL

4-1 UNPACKING. Packaging of the central is limited to applying a waterproof, self-adhesive tape around all openings. Remove all tape from around the openings and open the shelter to air it out. Refer to technical manuals covering additional equipment for unpacking.

4-2 INSPECTING UNPACKED EQUIPMENT.

a. Inspect the equipment for damage incurred during shipment. If the equipment has been damaged, report the damage on DD Form 6.

b. See that the equipment is complete as listed on the packing dip. If a packing slip is not available, check the equipment against the table of components (table 1-3). Report all discrepancies in accordance with TM 38-750. Shortage of a minor assembly or part that does not affect proper functioning of the equipment should not prevent use of the equipment.

c. If the equipment has been used or reconditioned, see whether it has been changed by a modification work order (MWO). If the equipment has been modified, the MWO number will appear on the shelter exterior near the

nomenclature plate. Check to see whether the MWO number (if any) and appropriate notations concerning the modification have been entered in the equipment manual.

NOTE

Current MWO's applicable to the equipment are listed in DA Pam 310-7.

4-3 INSTALLATION.

a. Tools Required for Installation. All components comprising the central are installed or fitted for mobility tiedown. No installation tools are required. For tools needed to install the shelter on vehicles, refer to the technical manual for Shelter, Electrical Equipment S-389, TM 32-5410-217-14&P.

b. Installation and Connections. Installation of the central is limited to ground or vehicular mounting and connecting the additional equipment required for operation. Refer to TM 32-5410-217-14&P for shelter installation, cabling, and connections.

Section II. TOOLS AND EQUIPMENT

4-4 SPECIAL TOOLS AND EQUIPMENT. There are no special tools or equipment required for maintenance of the central.

4-5 REPAIR PARTS. Repair parts, including depot level parts, are listed and illustrated in the repair parts and special tools list contained in appendix E of this manual.

Section III. PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS)

4-6 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 4-1 outlines inspections to be made at the indicated intervals. They are designed to help maintain equipment in combat serviceable condition. They indicate what items are to be checked and how they should be checked.

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

NOTE

All operator's and organizational checks are to be performed at initial installation and when the equipment is reinstalled after removal.

Table 4-1. Organizational Preventive Maintenance Checks and Services

W – Weekly
 M – Monthly
 Q – Quarterly
 S – Semiannually
 A – Annually
 B – Biennially
 H – Hours
 MI – Miles

Item No.	Interval								Item to be Inspected	Procedures	Equipment will be Reported Not Ready (Red) If:
	W	M	Q	S	A	B	H	MI			
1		•							CABLES, CORDS, AND WIRES	Check all screws and clamps that secure wires to terminals for tightness. Examine all insulation for cuts and abrasions. Check all metal plugs for dirt and grease.	
2		•							EQUIPMENT MOUNTINGS	Check all bolts, nuts, screws, and clamps that secure equipment racks, frames, shelves, and braces for tightness. Check for missing bolts, nuts, etc.	
3		•								Check for proper operation of all equipment.	One or more major items of equipment inoperative.
4			•						INVENTORY	Inventory all equipment for missing components.	One or more major items of equipment missing.
5			•						PUBLICATIONS	Inventory all maintenance manuals and parts manuals for condition and on hand.	
6			•						MODIFICATION WORK ORDERS	Check equipment to see if applicable MWO's have been applied and MWO numbers are stamped as required.	One or more urgent MWO's not applied.
7		•							CHAIR	Check tiedowns for bent or broken parts.	One or more tiedowns ineffective.

Section IV. TROUBLESHOOTING

4-7 TROUBLESHOOTING PROCEDURE.

WARNING

Be extremely careful when performing the troubleshooting procedures; dangerous voltage is present in the equipment.

Isolate defective components, cabling, or wiring by making appropriate voltage, resistance, or continuity tests. When an abnormal symptom has been observed, look for a description of this symptom in the troubleshooting chart (table 4-2) and perform the corrective measures described.

Table 4-2. Organizational Maintenance Troubleshooting

MALFUNCTION

TEST OR INSPECTION

CORRECTIVE ACTION

1. NO POWER TO CENTRAL

Step 1. Trace power cable from the central to the power source.

Reconnect cable. Repair or replace if broken.

Step 2. Check circuit breaker.

Set breaker to ON.

Step 3. Check output at power source.

If output is incorrect, switch to auxiliary generator.

2. CHAIR TIEDOWN INOPERATIVE.

Step 1. Check floor tiedown socket for dirt.

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

Step 2. Inspect tiedown pin on chair.

If pin is bent or broken, remove and replace pin.

MAP BOARD

Table 4-2. Organizational Maintenance Troubleshooting – Continued

3. SINGLE LAMP INOPERATIVE.

Step 1. Check lamp.

If defective, replace lamp.

Step 2. Inspect lamp and ballast wiring for breaks.

If broken or disconnected, replace or repair wires.

Step 3. Inspect ballast.

If defective, replace ballast.

4. ALL LAMPS INOPERATIVE.

Step 1. Check map board light switch.

Replace switch if defective.

Step 2. Check circuit breaker.

Reset circuit breaker to ON.

Step 3. Inspect wiring from electrical duct extension to receptacle and cable from receptacle to edge lighting assembly.

Fix or replace broken wire or cable.

BLACKOUT LIGHTING SYSTEM

5. BLACKOUT LIGHTS FAIL TO OPERATE WHEN DOOR IS OPENED.

Step 1. Check blackout light circuit breaker.

Reset breaker to ON.

Step 2. Check microswitch on door.

If switch is defective, replace it.

Step 3. Inspect wiring from microswitch to circuit breaker.

Repair or replace defective wiring.

Section V. MAINTENANCE OF CENTRAL

4-8 ORGANIZATIONAL MAINTENANCE. Organizational maintenance of the central consists of performing the PMCS plus inspecting, servicing, and repairing the components as indicated below. Servicing includes cleaning, replacing typewriter ribbons, and similar operations.

a. General Shelter Cleaning.

WARNING

The fumes of cleaning compound, trichloroethane are toxic. Provide adequate ventilation whenever it is used. **DO NOT USE NEAR AN OPEN FLAME.** Trichloroethane is not flammable, but exposure to open flame converts the fumes to a highly toxic and dangerous gas.

Use a dry, clean, lint-free cloth or brush to remove dust and dirt. If necessary, moisten the cloth or brush with a cleaning compound to remove grease, oil, dirt, and dust. After cleaning, wipe dry with a lint-free, dry cloth.

b. Map Board Cleaning.

CAUTION

Hard rough cloths should not be used as they will scratch the clear plastic covers and impair its optical qualities.

(1) Plastic Cover Cleaning.

CAUTION

Do not USE solvents such as acetone, benzene, carbontetrachloride, lighter fluid, dry cleaning fluid, or lacquer thinners since they attack plastic surfaces. Do not use window sprays or scouring compounds.

(a) Dust the plastic cover very lightly with a soft, clean cloth. Then, wipe surface carefully with a soft, wet cloth or chamois. The cloth or chamois should be kept free of grit by rinsing often in clean water.

(b) Wash the plastic covers with nonabrasive soap or detergent and water using the bare hand to feel and dislodge any caked dirt or mud. A soft, grit-free cloth, sponge, or chamois may be used as a means of carrying water to the plastic. Dry with clean, damp chamois.

(c) Remove grease and oil with prescribed cleaning solvent.

(2) *Plastic Cover Waxing.* If, after removing dirt and grease, only a few scratches are visible, the plastic cover should be waxed with a good grade of commercial wax. Waxing will improve the appearance of the surface by filling minor scratches and will help prevent further scratches. Wax the plastic cover as follows:

CAUTION

Excessive rubbing with a dry cloth will cause scratches and will also build up an electrostatic charge which attracts dust particles to the surface of the plastic cover.

(a) Apply wax in a thin, even coat.

(b) Bring to a high polish by rubbing lightly with a dry, soft cloth, such as cotton flannel, outing flannel, flannelette, or by a machine polisher.

(c) Blot the plastic cover with a clean, damp chamois or cloth. This will remove the electrostatic charge and any dust particles which have been attracted to the cover.

(3) *Plastic Cover - Hand Polishing.* If, after washing, the surface of the plastic cover shows minor scratches, it should be hand polished. This will remove or reduce most of the scratches. hand-polish the plastic covers as follows:

(a) Apply polish with a small pad of soft cotton flannel dampened with water.

(b) Rub the plastic in a straight to-and-fro motion perpendicular to the scratches or with a circular motion. Excessive rubbing at one spot should be avoided.

(c) Remove polish with a clean, soft cloth and apply wax after scratches are removed or considerably reduced.

(4) *Rubber Backboard - Cleaning.* Clean rubber backboard with mild soap and water. Do not close plastic covers on rubber while still wet. Keep backboard free of dust, dirt, grit, and adhesive from masking tape.

***c. Operating Component Maintenance.* Inspect, service, and repair the electrical equipment shelter, telephone, digital clock readout assembly, gothic typewriter, elite typewriter, and calculator machine as instructed in the organizational maintenance instructions of their applicable technical manuals. (See appendix A.)**

CHAPTER 5

**DIRECT SUPPORT AND GENERAL
SUPPORT MAINTENANCE INSTRUCTIONS**

Section I. TOOLS AND EQUIPMENT

5-1 SPECIAL TOOLS AND EQUIPMENT. There are no special tools or equipment required for direct support and general support maintenance of the central.

5-2 REPAIR PARTS. The repair parts, including depot level parts, are listed and illustrated in the repair parts and special tools list contained in appendix E of this manual.

Section II. TROUBLESHOOTING

5-3 TROUBLESHOOTING PROCEDURES. Troubleshooting of the central is normally performed at the operator/crew or organizational maintenance level. Troubleshooting at the direct support and general support 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 of this manual.

Section III. GENERAL MAINTENANCE

5-4 PARTS REPLACEMENT. This section covers the removal and replacement of components and cabling within the central. Repair procedures are included for equipments except for the operating components listed in table 5-1. For repair of these components, refer to the applicable technical manual listed in appendix A.

WARNING

Be extremely careful when replacing the various electrical components; dangerous voltage is present in the equipment.

Table 5-1. Operating Components

Component Noun Name	Nomenclature No.
Shelter, Electrical Equipment	S-389 (Modified)
Telephone	TA-676(*)/G
Digital Clock Readout Assembly	
Gothic Typewriter	
Elite Typewriter	
Calculator Machine	

5-5 REPLACEMENT OF ELECTRICAL DUCT EXTENSION COMPONENTS (Figure 5-1). For the replacement of the lighting circuit breakers, blackout switch, blackout receptacle panel, and the power relay, refer to the Shelter, Electrical Equipment S-389 technical manual (TM 32-5410-217-14&P).

a. Telephone Receptacle Replacement.

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

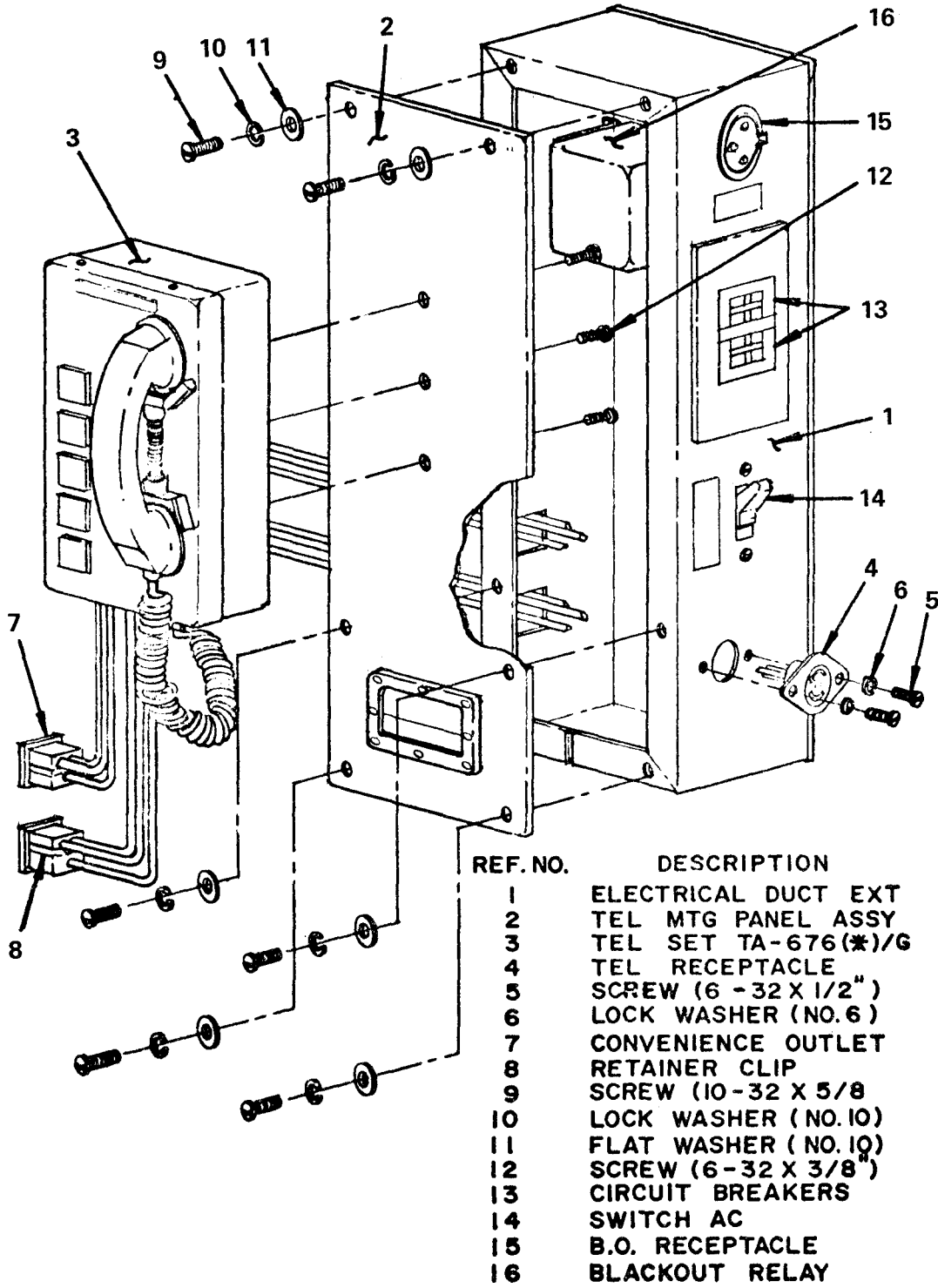


Figure 5-1. Electrical Duct Extension with Telephone

b. Convenience Outlet Replacement. 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 C-phase circuit breaker to the center console end of the central. Replace the convenience receptacle as follows:

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

5-6 REPLACEMENT OF INTERCOMMUNICATION CABLE. Replacement of all intercommunication cables and cable straight plugs is similar. Refer to figure 5-2. Replacement procedures are as follows:

q. Removal of Cables.

- (1) Disconnect telephone power plug.
- (2) Disconnect both straight plugs of the cable at telephones. If one straight plug goes through cable access hole, pull cable past the boot and out of the access hole. If one straight plug goes to the feed-thru assembly, disconnect the plug from the feed-thru assembly.
- (3) If cable runs through the shelter cable trough (skid), remove shelter duct access covers as required to remove cable.

b. Replacement of Cables.

- (1) Run cables through shelter cable trough if required; replace all access covers.
- (2) Connect both straight plugs of cable to telephones and/or feed-thru, etc., if required.
- (3) Reconnect power plug of telephone.

c. Replacement of Cable Straight Plugs

- (1) Remove plug by loosening screws on clamp and unscrew connector, exposing soldered wires in cups.
- (2) Apply a soldering iron to each cup until connections pull free. Remove old plug.
- (3) Dress or cut back wire ends and tin ends for assembly.
- (4) Solder wires to new connector; connect per wiring diagram figure 5-2 for particular cable being repaired.
- (5) Screw connector body together and tighten screws on cable clamp.

5-7 REPLACEMENT OF UPPER AND LOWER CABINET COMPONENTS. The following paragraphs provide the procedure for replacement of shelf-type storage cabinet components. Figure 5-3 illustrates the cabinet.

a. Spring-Loaded Plunger.

- (1) Open cabinet door and remove shelf having defective plunger by pulling both plungers out of the cabinet holes and sliding the shelf out of cabinet.
- (2) Grasp plunger knob and pin using two pairs 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); proceed to step (7).

- (5) Remove standoff from pin side of shelf using a 7/16-inch drill.
- (6) Install new standoff through hole in shelf. Using a flaring tool and a 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.
- (8) Install new pin and knob into standoff. While holding knob on pin in alignment, press them together using a bench vise.

NOTE

It is important that the knob and pin be aligned with each other to ensure proper fit.

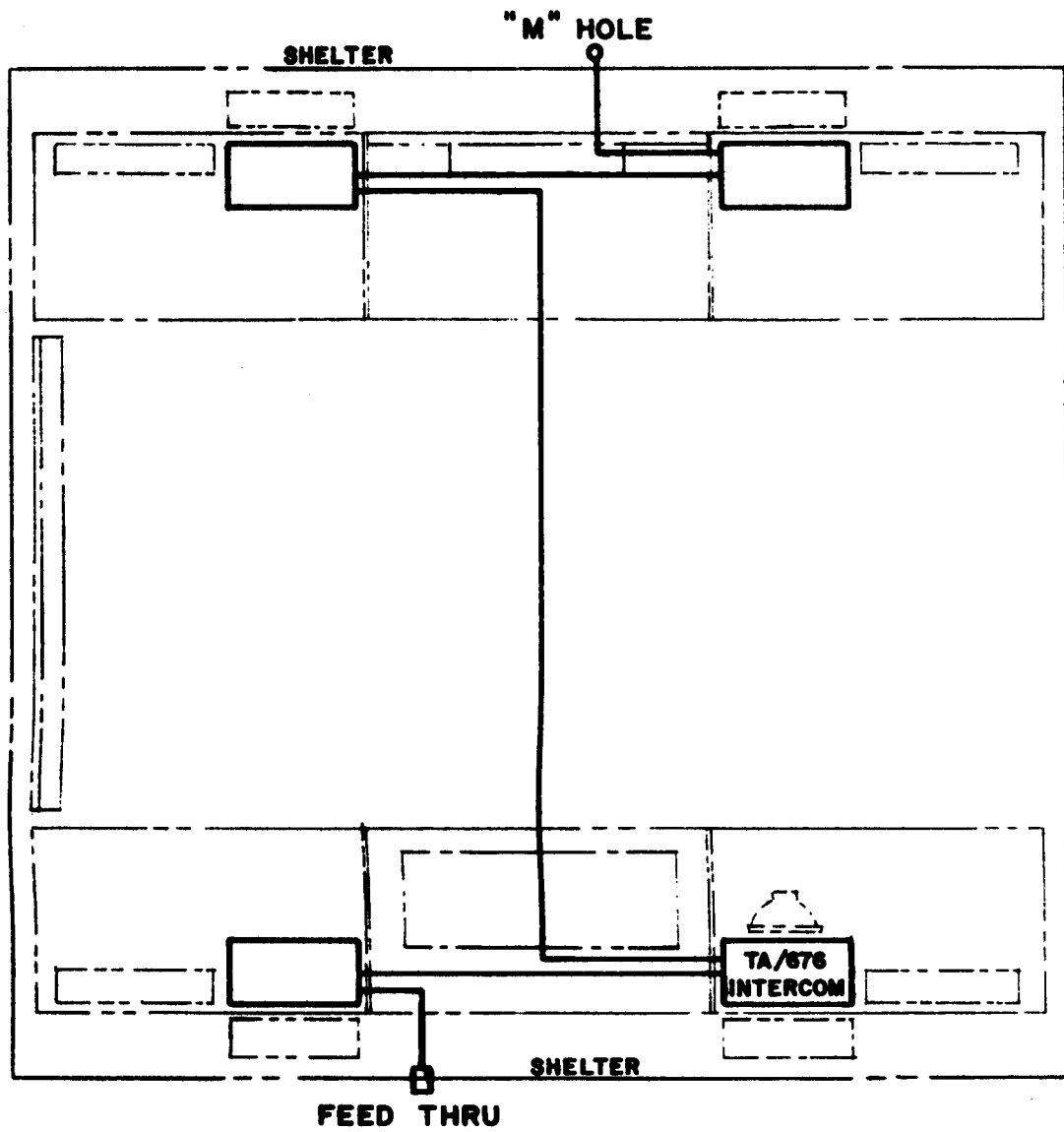
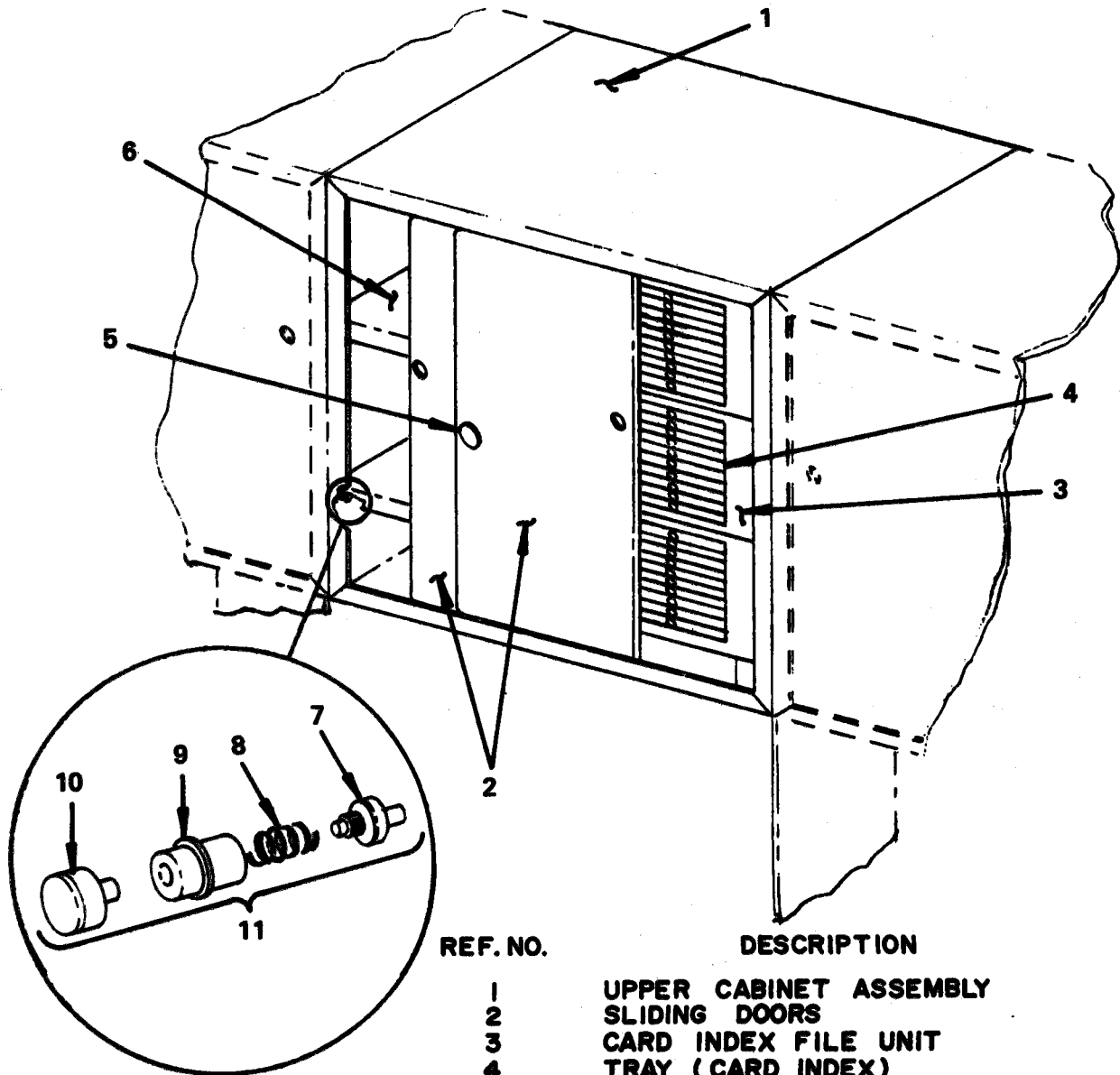


Figure 5-2. Intercom Connection Diagram



REF. NO.	DESCRIPTION
1	UPPER CABINET ASSEMBLY
2	SLIDING DOORS
3	CARD INDEX FILE UNIT
4	TRAY (CARD INDEX)
5	DOOR LATCH
6	ADJUSTABLE SHELF
7	PIN
8	SPRING
9	STAND - OFF
10	KNOB
11	SPRING-LOADED PLUNGER

Figure 5-3. Upper Cabinet Assembly (Center Console)

b. Pawl Fastener (figure 5-4).

- (1) Open cabinet door.
- (2) Remove knob cap.
- (3) Remove knob mounting screw, lock washer, and flat washer.
- (4) Remove the knob and the two assembly hardware sets. Remove fastener housing from inside of door.
- (5) Place new fastener housing in door and fasten with the assembly hardware.
- (6) Replace knob and secure with knob mounting screw, lock washer, and flat washer.
- (7) Replace knob cap.

5-8 REPLACEMENT OF CONSOLE LIGHT UNIT ASSEMBLY COMPONENTS. The following paragraphs provide procedures for replacement of console light unit assembly components (figure 5-5). Figure 5-6 presents a wiring diagram of the console lighting circuit.

a. Fluorescent Lamp (18-inch X 1-1/2 inch, 15-Watt).

- (1) Set the light switch to off.
- (2) Pull back tip of one lamp holder and slide corresponding end of fluorescent lamp out of the lamp holder.
- (3) Pull other end of fluorescent lamp out of its lamp holder.
- (4) Place one end of the new fluorescent lamp in the lamp holder.
- (5) Pull back tip of the opposite lamp holder and insert the lamp in the holder.

b. Switch.

- (1) Remove fluorescent lamp as outlined in paragraph 5-8a.
- (2) Bring a light extension into the central and plug into convenience outlets.
- (3) Set the light circuit breaker to OFF.
- (4) Remove the six sets of hardware holding the light unit assembly to the upper cabinet. Lower light unit to the work surface without putting any tension on the wires.
- (5) Cut the two black wires extending from the switch behind the original crimp.
- (6) With a pair of pliers loosen and remove the knurled panel nut holding the switch to the light unit.
- (7) Remove the old switch.
- (8) Place new switch in hole of light unit and fasten with knurled panel nut.
- (9) Connect wires of new switch to end of wires previously cut, using solderless butt connectors and a crimping tool.

(10) Wrap plastic electrical tape around all new crimped connections.

(11) Turn the light circuit breaker to ON and test the new switch.

(12) If the light works, replace the light fixture and secure it to the upper cabinet with the six sets of hardware provided.

(13) If the light does not work, troubleshoot the unit as outlined in table 4-2 to determine the cause.

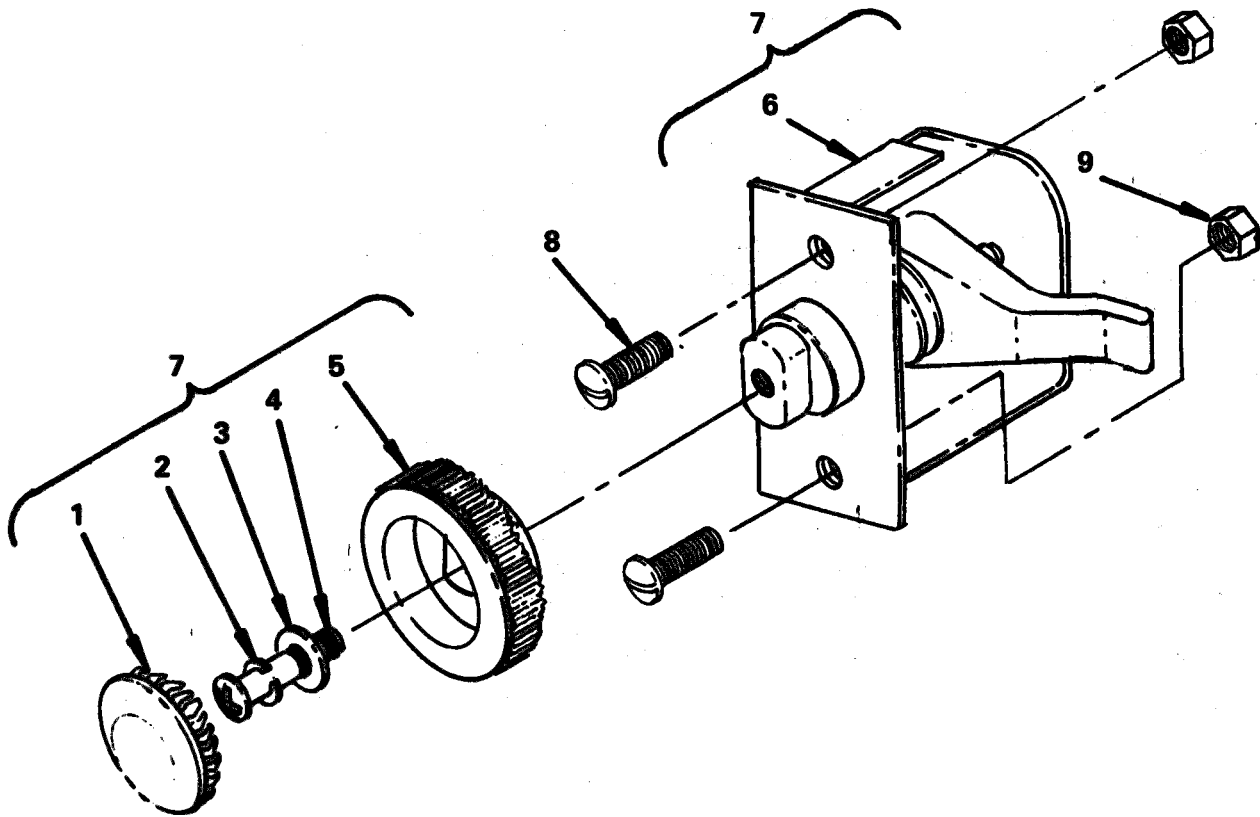
c. Ballast.

- (1) Perform steps (1) through (4) of paragraph 5-8b.
- (2) Remove the two sets of hardware securing the ballast to the light unit housing. Remove green ground wire. Remove the bare ground wire twisted around the screw under the ballast.
- (3) Remove the screw holding each one of the lampholders to the light unit housing and then remove the lampholders.
- (4) Remove the insulation clip on the back of each of the lampholders.
- (5) Disconnect the two red wires from the terminals of one lampholder and the two white wires and one blue wire from the terminals of the other lampholder.
- (6) Remove old ballast from unit.
- (7) Sandpaper around the holes for the ballast on the inside of the light unit housing.
- (8) Put new ballast into place and secure it with the hardware sets.
- (9) Reconnect the ballast wires to the lampholders and replace the lampholders.
- (10) Using butt connectors, reconnect the wires to the switch and the incoming power lines.
- (11) Replace the lamp and restore power to the light unit.
- (12) Test the unit. If the unit works, replace the fixture and secure it to the upper cabinet.
- (13) If the light unit does not work, troubleshoot as outlined in table 4-2.

5-9 REPLACEMENT OF MAP BOARD LIGHT UNIT ASSEMBLY COMPONENTS. The following paragraphs provide procedures for replacement of map board light unit assembly components (figure 5-7). Figure 5-8 presents a wiring diagram of the map board lighting circuit.

a. Fluorescent Lamp (18-inch X 1-inch, 15-Watts).

- (1) Set the light switch to off.
- (2) Remove the three hardware sets securing the lamp housing faceplate to the map board assembly. Remove faceplate.



REF. NO.	DESCRIPTION
1	CAP
2	LOCK WASHER
3	FLAT WASHER
4	KNOB MOUNTING SCREW
5	KNOB
6	PAWL HOUSING
7	PAWL FASTENER ASSEMBLY
8	SCREW (6-32 X 1/2")
9	LOCK NUT (6-32)

Figure 5-4. Pawl Fastener Assembly

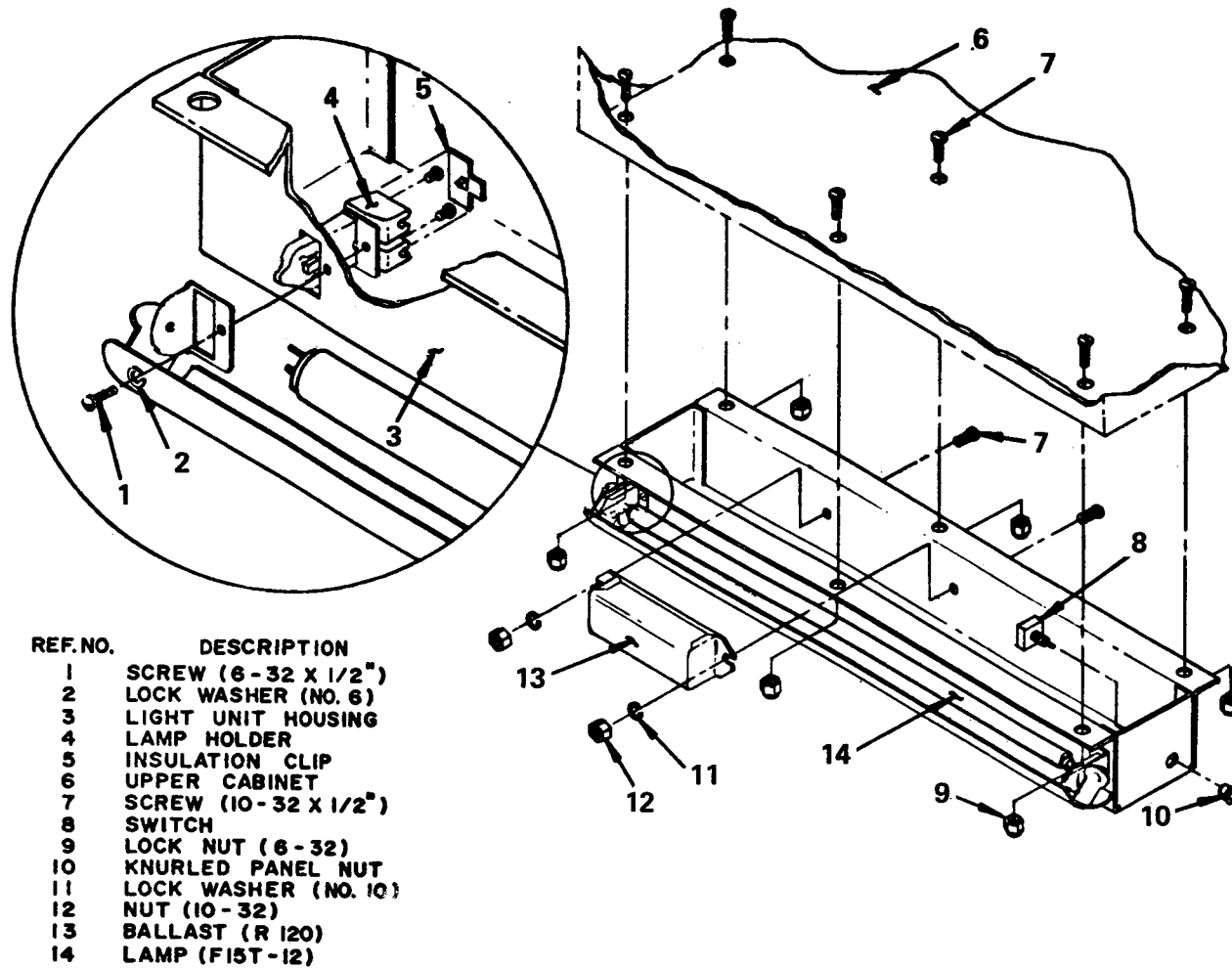


Figure 5-5. Console Light Unit Assembly

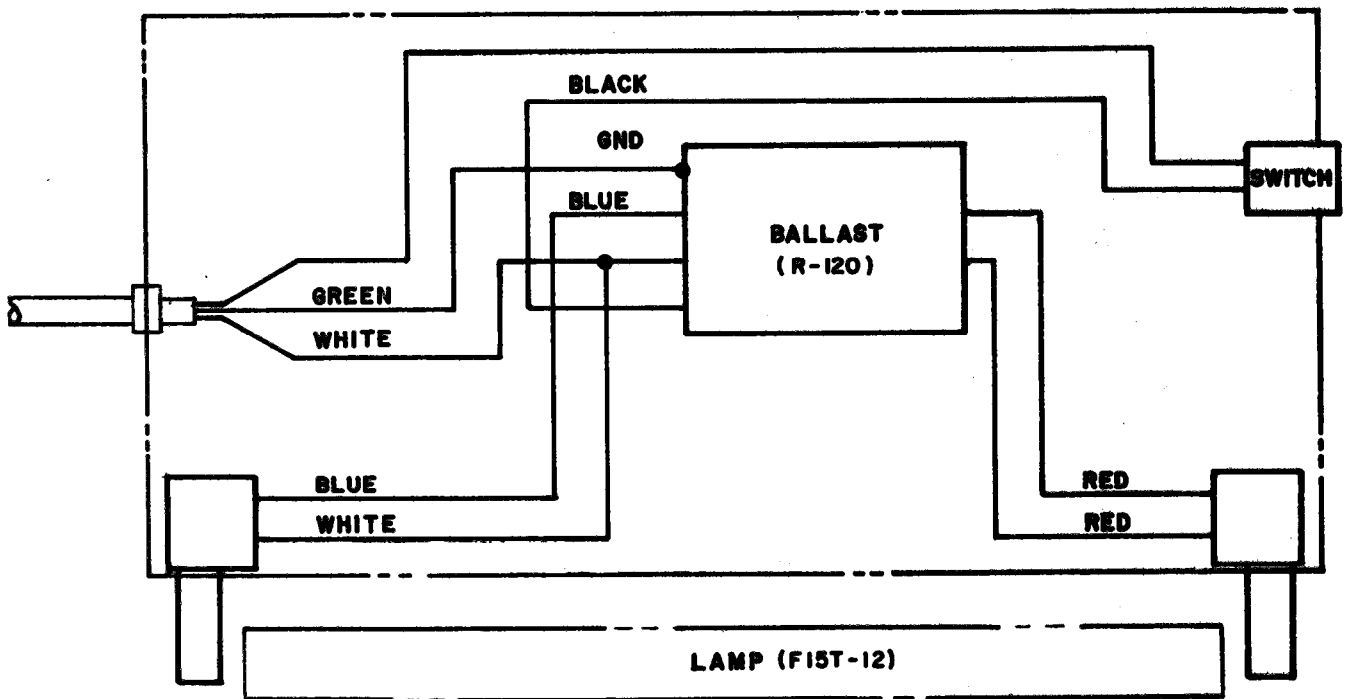


Figure 5-6. Console Light Unit Assembly Diagram

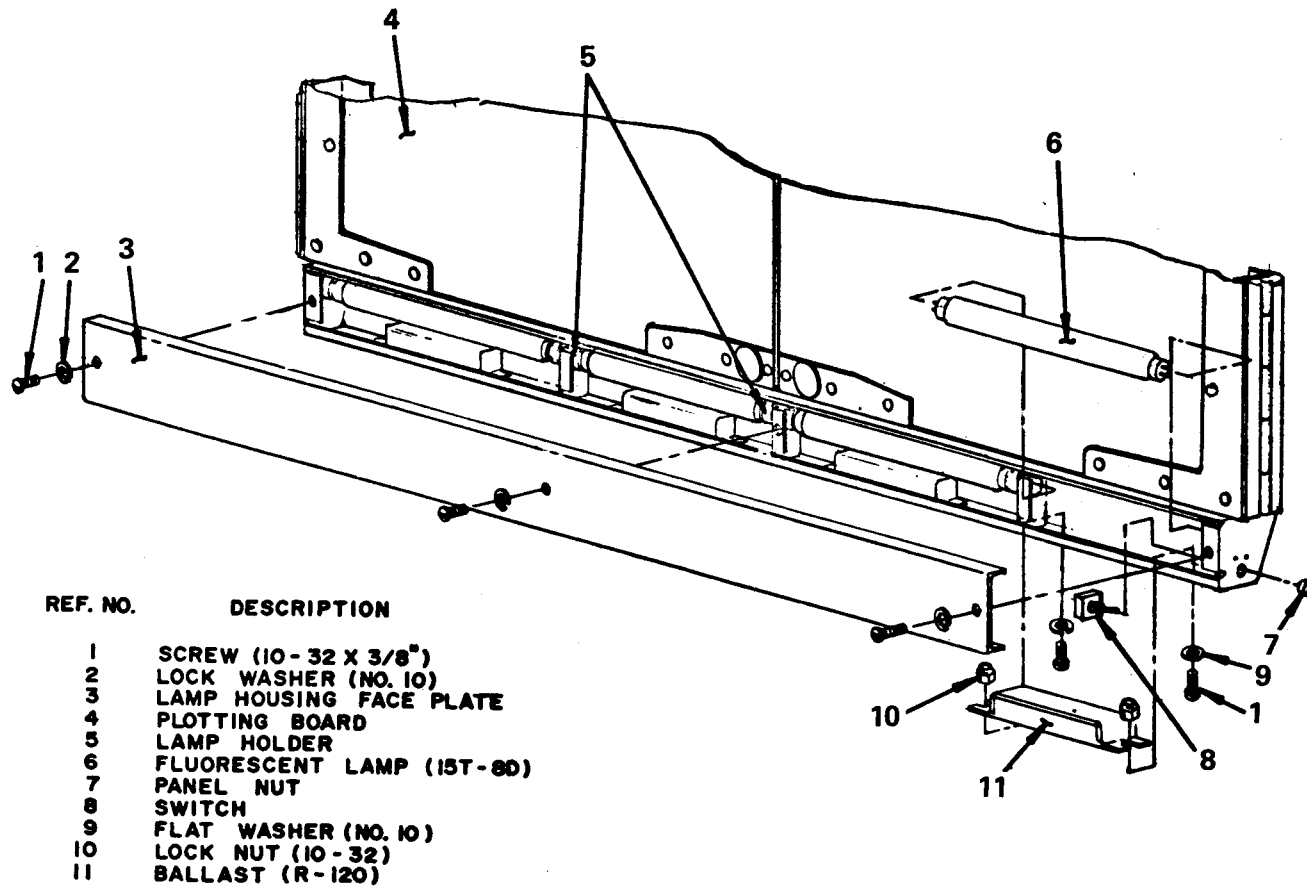


Figure 5-7. Map Board Light Unit Assembly

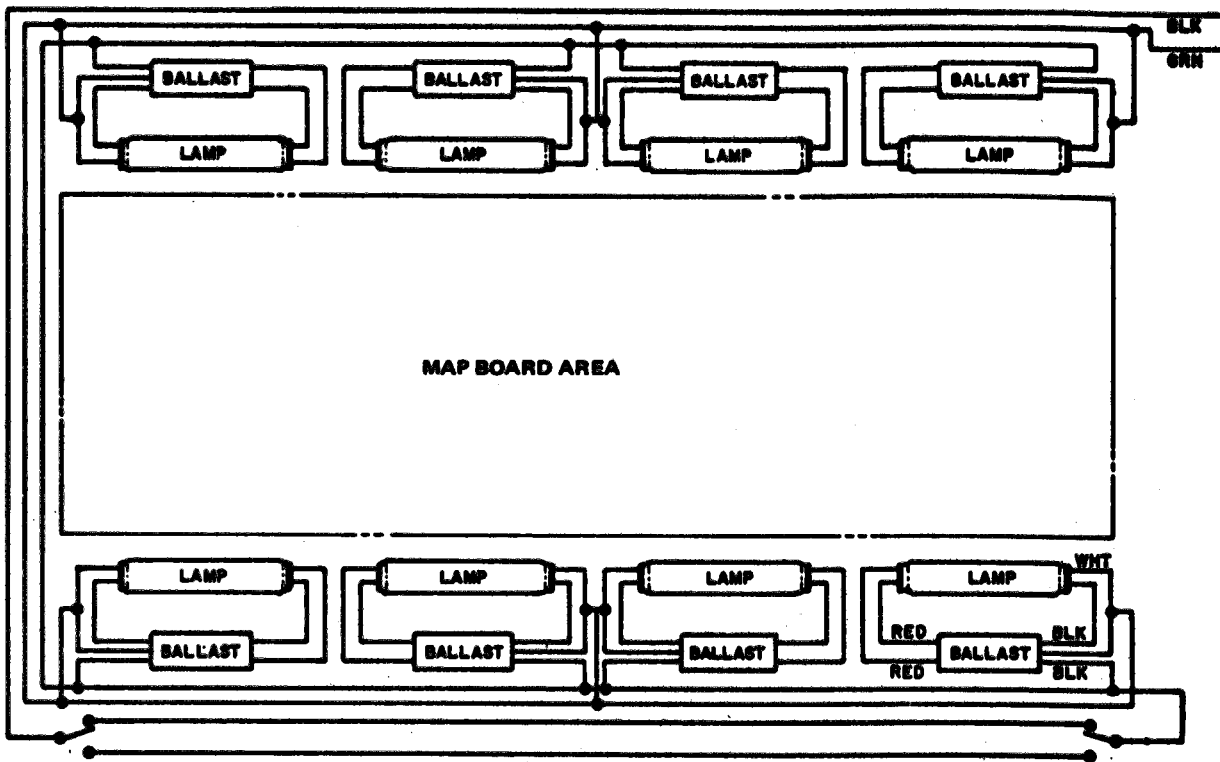


Figure 5-3. Map Board Light Unit Assembly Wiring Diagram

(3) Push the fluorescent lamp to be replaced in against the spring-loaded lampholder and pull lamp out of the stationary lampholder and out of lamp housing.

(4) Place new lamp in spring-loaded lampholder, push against the lampholder, and place the opposite end of the lamp into the stationary lampholder.

b. Switch.

(1) Perform steps (1) through (3) of paragraph **5-9a**.

(2) Disconnect the power cord to the map board light assembly.

(3) Disconnect the three black wires from the terminals of the switch to be replaced.

(4) Loosen and remove the panel nut holding the switch to the lamp housing. Remove old switch.

(5) Put new switch in place and secure with panel nut.

(6) Connect the three black wires to the appropriate terminals of the switch.

(7) Reconnect the plug to the light assembly and replace the lamp.

(8) Turn the light onto test the new switch.

(9) Replace light fixture and secure it to the map board. Replace the lamp housing faceplate.

c. Ballast.

(1) Performs steps (1) through (3) of paragraph **5-9b**.

(2) Remove the two sets of hardware securing the ballast to the lamp housing. Remove the bare ground wire twisted under the ballast.

(3) Cut one of the ballast wires behind the crimp.

(4) Fasten the corresponding wire of the new ballast to the open end wire just cut with a solderless butt connector using a crimping tool.

(5) Repeat steps (3) and (4) for the other four wires of the ballast. Be sure wiring is in accordance with figure 5-8.

(6) Sandpaper around the holes for the ballast on the inside of the light unit housing.

(7) Secure new ballast to lamp unit housing with hardware provided.

(8) Replace lamp and restore power to the lamp. Test the light to see if it works.

(9) Replace faceplate on the lamp housing.

5-10 REPLACEMENT OF DIGITAL CLOCK READOUT ASSEMBLY.

a. Removal of Clock.

(1) Disconnect electrical cable from the clock chassis.

(2) Hold clock and remove four 10-32 screws, flatwashers, and lockwashers which attach clock to the ceiling mounting plate. Remove clock.

b. Installation of Clock.

(1) Hold clock to ceiling mounting plate and insert the four 10-32 screws, flatwashers, and lockwashers which secure the clock.

(2) Connect electrical cables to the clock chassis.

5-11 REPLACEMENT OF ROTARY CHAIR COMPONENTS. The following paragraphs provide procedures for replacement of tie down assembly and roll pin. Figure 2-1 illustrates the rotary chair and its components.

a. Turn chair over and remove tiedown assembly by knocking out spring pin holding tiedown assembly to stem. Use a standard 3/16-inch punch and hammer.

b. Pull old tiedown assembly away from stem of chair.

c. Install new tiedown assembly on stem of chair, aligning hole in tiedown to hole in the stem.

d. Install new spring pin by driving it in place with a hammer.

5-12 REPLACEMENT OF TELEPHONE (Figure 5-1).

Replace the telephone as follows:

a. Disconnect the power plug of telephone.

b. Disconnect the straight plug from the telephone.

c. Remove the six sets of hardware securing the telephone mounting panel assembly to the electrical duct extension. Pull the telephone panel out and set it on the work surface.

d. Remove the three hardware sets securing the telephone to the telephone mounting panel.

e. Attach the new phone to the telephone mounting panel.

f. Secure the mounting panel to the electrical duct extension assembly.

g. Connect the straight plug to the telephone and the power plug to the electrical duct extension assembly.

5-13 REPLACEMENT OF PENCIL SHARPENER. For removal and replacement of pencil sharpener, remove assembly hardware sets securing pencil sharpener, Remove old sharpener and install new sharpener in its place.

5-14 TOUCHUP PAINTING. Remove rust and corrosion from metal surfaces by lightly sanding them with fine sandpaper. Brush two thin coats of the proper paint on bare

metal to protect it from further corrosion. Refer to applicable cleaning and refinishing practices specified in TB 434118.

APPENDIX A**REFERENCES**

<u>Reference</u>	<u>Title</u>
TM 5-4120-308-15	Operator's, Organizational, Direct Support and Depot Maintenance Manual: Air Conditioner, 208 V, 3 phase, 50/60 Hz, 18,000 BTUH cooling, 12,000 BTUH heating
TM 5-6115-449-15	Operator's, Organizational, Direct and General Support and Depot Maintenance Manual: Electrical Generator, DED, 30 kW, 208 V, 3 phase, 60 Hz
FM 11-65	High Frequency Radio Communications
TM 32-5410-217-14&P	Operator's, Organizational, Direct Support and General Support Maintenance Manual: (Including Repair Parts and Special Tools List) Shelter, Electrical Equipment S-389/MSA-34
TM 32-5811-021-14	Operator's, Organizational, Direct Support and General Support Maintenance Manual: Operational Unit, Transportable Systems (OUTS)
TM 32-5895-227-24P	Organizational, Direct Support and General Support Maintenance Repair Parts and Special Tools List, Communications Central AN/MSQ-71
TM 32-9999-200-15-1	Operator's, Organizational, Direct Support, General Support and Depot Maintenance Manual (Including Repair Parts List) Operations and Electrical Facility, Mobile AN/MSA-34
TM 38-750	The Army Maintenance Management System (TAMMS)
TM 740-90-1	Administrative Storage of Equipment
TM 750-244-2	procedures for Destruction of' Electronics Materiel to Prevent Enemy Use (Electronics Command)
TM 32-5895-227-15	Operator's Organizational, Direct Support, General Support, and Depot Maintenance Manual for Intercommunication System for Communications Central AN/MSQ-71 (TA-676()/G)
AR 700-42	Citification, Reclassification, Maintenance, Issuance and Reporting of Maintenance Training Aircraft
CTA 50-970	Expendable Items (Except Medical, Class V, Repair Parts, and Heraldic Items)
DA Form 2028	Recommended Changes to Publications and Blank Forms
DA PAM 310-4	Index of Technical Manuals, Technical Bulletins, Supply Manuals (Types 7, 8, and 9), Supply Bulletins, and Lubrication Orders
DA PAM 310-6	Index of Supply Catalogs and Supply Manuals (Excluding Types 7,8, and 9)
DA PAM 310-7	Military Publications: US Army Equipment Index of Modification Work Orders
SB 708-41/42	Federal Supply Code for Manufacturers; United States and Canada. Name to Code and Code to Name (GSA-FSS H4-1/H4-2)

REFERENCES

<u>Reference</u>	<u>Title</u>
SF 368	Quality Deficiency Report
TB 5-4200-200-10	Hand Portable Fire Extinguishers Approved for Army Use
TB 43-0118	Field Instructions for Painting and Preserving Electronics Command Equipment Including Camouflage Pattern Painting of Electrical Equipment Shelters
Commercial Manual	Remote Display GNR, Digital Clock
Commercial Manual	Typewriter, Elite
Commercial Manual	Typewriter, Gothic
Commercial Manual	Calculator, Desk Top

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 Data Analysis Central AN/TYQ-5 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 Numbers.* 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:

V1
V2
V3
V4

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.							RCV'D	DATE	DATE	DATE
				Not Applicable							

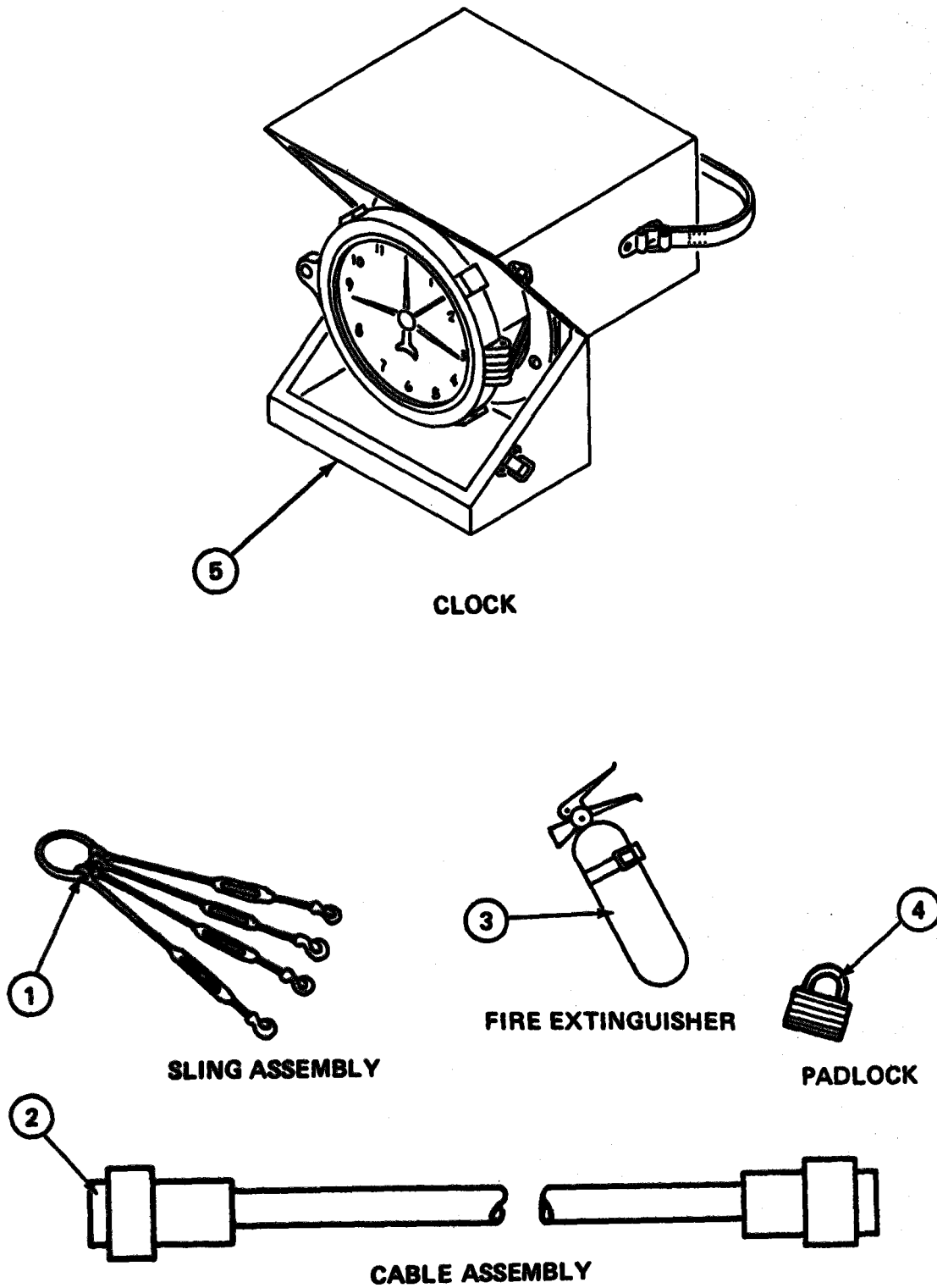


Figure B-1. Basic Issue Items

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION							QUANTITY
(A) FIGURE ITEM NO.	(B) NO.	NATIONAL STOCK NUMBER	PART NO.	DESCRIPTION	LOCATION	USABLE ON CODE	QTY REQD RCV'D DATE
D-1	1		0283-2-2000-1	SLING ASSEMBLY (15942)		V1,V2	1
	1		0283-2-2000-2	SLING ASSEMBLY (15942)		V3,V4	1
	2		0283-1-2226-1	CABLE ASSEMBLY (15942)			1
		4210-00-555-8837	MIL-E-52031	EXTINGUISHER, FIRE W/BRACKET (81349)			1
	3		4210-00-708-0031	MIL-E-52031 (81349)	EXTINGUISHER, FIRE W/O BRACKET		1
	4		0283-2-2234-1	PADLOCK AND CHAIN ASSEMBLY, MODIFIED			2
	5	6445-00-936-8120		CLOCK,MESSAGE CENTER,M2		V1,V3	1

APPENDIX C

ADDITIONAL AUTHORIZATION LIST

Section 1. INTRODUCTION

C-1 SCOPE. This appendix lists additional items authorized for the support of the Data Analysis Central AN/TYQ-5.

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 by CTA, MTOE, TDA, or JTA.

C-3 EXPLANATION OF LISTINGS. National stock numbers, descriptions, end quantities are provided to help

identify and request the additional items required to support this equipment. If item required differs for different configurations for this equipment, the configuration is shown under the "Usable on" heading in the description column. These codes are identified as:

V 1
V 2
V 3
V 4

See Table 1-6.

(1) NATIONAL STOCK NUMBER	(2) DESCRIPTION PART NUMBER & FSCM	USABLE ON CODE	(3) U/M	(4) QTY AUTH
4120-00-973-4589	AIR CONDITIONER, 208 V, 3-PHASE, 50/60 HZ, CE 20 VAL 6 -OR-		EA	1
4120-00-168-1781	AIR CONDITIONER, 208 V, 3-PHASE, 50/60 HZ, CH 620-2			
6115-00-935-5111	ELECTRIC GENERATOR, DED 30 KW, 208 V, 3-PHASE, 60 HZ		EA	1
	KIT, AIR CONDITIONER MOUNTING, MK-001-1/U 0216-1-1100 (15942)	V3, V4	EA	1
	KIT, WALKWAY, CONSISTING OF:			
	WALKWAY, END 0283-1-4500-1 (15942)		EA	1
	WALKWAY, SIDE 0283-1-4600-1 (15942)		EA	1
	KIT, GROUND ROD, COMPRISED OF:			
	CABLE, GROUND 0283-1-2221-2 (15942)		EA	1
5999-00-186-3912	CLAMP, GROUND ROD 9592 (73616)		EA	1
5975-00-493-9672	ROD, GROUND 9438 (73616)		EA	1
	NOTE: QUANTITIES DEPENDENT UPON CONFIGURATION.			

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. Replace. The act of substituting a serviceable like type part, subassembly, or module for an unserviceable counterpart.

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. B-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:

- C Operator or crew
- O Organizational maintenance
- F Direct support maintenance
- H General support maintenance
- D Depot 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 IV.

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.

(1) Group Number	(2) Component/Assembly	(3) Maintenance function	(4) Maintenance level					(5) Tools and equipment	(6) Remarks	
			C	O	F	H	D			
0 0	DATA ANALYSIS CENTRAL AN/TYQ-5	Inspect Service Repair Overhaul		.1 .5 1.5				20	2, 3	
01	SHELTER S-389/MSA-4 (MODIFIED)	Inspect Service Repair Rebuild		.3 .3	2.5			60	1, 2	A
0 2	CORNER CONSOLE ASSY NO. 1	Inspect Service Replace Repair		.1 .3	1.0 1.0				1 1	B
0 2 0 1	UPPER CABINET ASSY	Inspect Service Replace Repair		.1 .1	.5 .3				2 2	
0 2 0 2	LOWER CABINET ASSY	Inspect Service Replace Repair		.1 .1	.5 .3				2 2	
0 2 0 3	WORK SURFACE ASSY	Inspect Service Replace Repair		.1 .1	.5 .3				2 2	
0 2 0 4	ELECTRICAL DUCT INSTALLATION	Inspect Repair		.1	.2				2	B
0 2 0 5	ELECTRICAL DUCT EXTENSION ASSY	Inspect Replace Repair		.1	1.0 .5				2 1, 3	B
0 2 0 6	TYPEWRITER GOTHIC	Inspect Service Replace		.1 1.0 .5					1	C
0 2 0 7	EQUIPMENT TRAY ASSY	Inspect Service Replace Repair		.1 .2	.3 .5				1 2 2	
0 2 0 8	LIGHT UNIT ASSY	Inspect Service Replace Repair		.1 .1	.2 .3				2 2, 3	

Section II. MAINTENANCE ALLOCATION CHART

(1) Group Number	(2) Component/Assembly	(3) Maintenance function	(4) Maintenance level					(5) Tools and equipment	(6) Remarks
			C	O	F	H	D		
0209	TACK BOARD ASSY	Inspect Replace Repair		.1 .1	.2			2 2	
0210	BASE AND AIR DUCT ASSY	Inspect Repair		.1	.2			1	
0211	TELEPHONE TA/676G	Inspect Test Replace Repair		.1 .1	.3 1.0			3 2, 3	D
03	CORNER CONSOLE ASSY NO. 2	Inspect Service Replace Repair		.1 .3	1.0 1.0			1	
0301	UPPER CABINET ASSY	Inspect Service Replace Repair		.1 .1	.5 .3			2 2	
0302	LOWER CABINET ASSY	Inspect Service Replace Repair		.1 .1	.5 .3			2 2	
0303	WORK SURFACE ASSY	Inspect Service Replace Repair		.1 .1	.5 .3			2 2	
0304	ELECTRICAL DUCT INSTALLATION	Inspect Repair		.1	.2			1	
0305	ELECTRICAL DUCT EXTENSION ASSY	Inspect Replace Repair		.1	1.0 .5			2 1, 3	B
0306	TYPEWRITER ELITE	Inspect Service Replace		.1 1.0 .5				1	C
0307	EQUIPMENT TRAY ASSY	Inspect Service Replace Repair		.1 .2	.3 .5				
0308	LIGHT UNIT ASSY	Inspect Service Replace Repair		.1 .1	.5 .3			2 2	

Section II. MAINTENANCE ALLOCATION CHART

(1) Group Number	(2) Component/Assembly	(3) Maintenance function	(4) Maintenance level					(5) Tools and equipment	(6) Remarks
			C	O	F	H	D		
0309	TACK BOARD ASSY	Inspect Replace Repair		.1	.1 .2			1	
0310	BASE AND AIR DUCT ASSY	Inspect Repair		.1	.2			1	
04	CORNER CONSOLE ASSY NO. 3	Inspect Service Replace Repair		.1 .1	1.0 1.0			1	
0401	UPPER CABINET ASSY	Inspect Service Replace Repair		.1 .1	.5 .3			2 2	
0402	LOWER CABINET ASSY	Inspect Service Replace Repair		.1 .1	.5 .3			2 2	
0403	WORK SURFACE ASSY	Inspect Service Replace Repair		.1 .1	.5 .3			2 2	
0404	ELECTRICAL DUCT INSTALLATION	Inspect Repair		.1	.2			2	B
0405	ELECTRICAL DUCT EXTENSION ASSY	Inspect Replace Repair		.1	1.0 .5			1, 3	B
0407	EQUIPMENT TRAY ASSY	Inspect Service Replace Repair		.1 .2	.3 .5			1	
0408	LIGHT UNIT ASSY	Inspect Service Replace Repair		.1 .1	.5 .3				
0409	TACK BOARD ASSY	Inspect Replace Repair		.1	.1 .2			1	
0410	BASE AND AIR DUCT ASSY	Inspect Repair		.1	.2			1	

Section II. MAINTENANCE ALLOCATION CHART

(1) Group Number	(2) Component/Assembly	(3) Maintenance function	(4) Maintenance level				(5) Tools and eq men	(6) Remarks
			C	O	F	H		
05	CORNER CONSOLE ASSY NO. 4	Inspect Service Replace Repair		.1 .3	1.0 1.0		1	
0501	UPPER CABINET ASSY	Inspect Service Replace Repair		.1 .1	.5 .3		2 2	
0502	LOWER CABINET ASSY	Inspect Service Replace Repair		.1 .1	.5 .3		2 2	
0503	WORK SURFACE ASSY	Inspect Service Replace Repair		.1 .1	.5 .3		2 2	
0504	ELECTRICAL DUCT INSTALLATION	Inspect Repair		.1	.2		2	B
0505	ELECTRICAL DUCT EXTENSION ASSY	Inspect Replace Repair		.1	1.0 .5		2 1, 3	B
0506	CALCULATOR	Service		.1				C
0507	EQUIPMENT TRAY ASSY	Inspect Service Replace Repair		.1 .2	.3 .5		1 2	
0508	LIGHT UNIT ASSY	Inspect Service Replace Repair		.1 .1	.5 .3		2 2, 3	
0509	TACK BOARD ASSY	Inspect Replace Repair		.1	.1 .2		2 2	
0510	BASE AND AIR DUCT ASSY	Inspect Repair		.1	.2		1	
06	CENTER CONSOLE ASSY	Inspect Service Replace Repair		.1 .1	.5 .5		2, 3	B

Section II. MAINTENANCE ALLOCATION CHART

(1) Group Number	(2) Component/Assembly	(3) Maintenance function	(4) Maintenance level					(5) Tools and equipment	(6) Remarks
			C	O	F	H	D		
0601	UPPER CABINET ASSY	Inspect		.1					
		Service		.1					
		Replace			.5			2	
		Repair			.3			2	
0602	LOWER CABINET ASSY	Inspect		.1					
		Service		.1					
		Replace			.5			2	
		Repair			.3			2	
0603	TACK BOARD ASSY	Inspect		.1					
		Repair			.1			2	
0604	LIGHT UNIT ASSY	Replace			.2			2	
		Repair							
0605	WORK DECK ASSY	Inspect		.1					
		Service		.1					
		Replace			.5			2	
		Repair			.3			2, 3	
0606	SUPPORT BASE ASSY	Inspect		.1					
		Repair							
07	CHAIR ASSY W/TIEDOWN	Inspect		.1					
		Service		.2					
		Replace			.5			2	
		Repair		.5				2	
08	ADJUSTABLE WORK SURFACE ASSY	Inspect		.1					
		Service		.2					
		Replace			.5				
		Repair			.5				
09	EDGE LIT MAP BOARD ASSY	Inspect		.1					
		Service		.1					
		Replace			.5				
		Repair			1.0				
0901	BOTTOM LIGHT ASSY	Inspect		.1					
		Service		.1					
		Replace			.2			2	
		Repair			.3			2, 3	
0902	TOP LIGHT ASSY	Inspect		.1					
		Service		.1					
		Replace			.2			2	
		Repair			.3			2, 3	

Section II. MAINTENANCE ALLOCATION CHART

(1) Group Number	(2) Component/Assembly	(3) Maintenance function	(4) Maintenance level					(5) Tools and equipment	(6) Remarks
			C	O	F	H	D		
0903	HINGE AND DOOR ASSY	Inspect Service Replace Repair		.1 .1	.2 .3				
10	CLOCK ASSY REMOTE DISPLAY	Inspect Replace Repair		.1	1.0 .5			2 1, 3	
11	CABLE ASSY	Inspect Replace Repair		.1	.3 .5				

SECTION III. TOOL AND TEST EQUIPMENT REQUIREMENTS

(1) REFERENCE CODE	(2) MAINTENANCE LEVEL	(3) NOMENTCLATURE TOOL KIT, TK-100	(4) NATIONAL/NATO STOCK NUMBER 5180-00-605-0079	(5) TOOL NUMBER
1	O,F	TOOL KIT, TK-100	5180-00-605-0079	
2	O,F	TOOL KIT, TK-105	5180-00-610-8177	
3	O,F	MULTIMETER, AN/USM-223	6625-00-999-7465	

Section IV. REMARKS

Reference code	Remarks
A	<p>R e f e r t o <small>T B 43-0124</small> f o r s h e l t e r r e p a i r .</p>
B	<p>R e p a i r o f e l e c t r i c a l s y s t e m b y o r g a n i z a t i o n a l p e r s o n n e l l i m i t e d t o r e p l a c e m e n t o f b r e a k e r s , s w i t c h e s a n d r e c e p t a c l e s .</p>
C	<p>S e e a p p r o p r i a t e o p e r a t i o n s , m a i n t e n a n c e a n d r e p a i r p a r t s m a n u a l f o r f u r t h e r d e t a i l s .</p>
D	<p>S e e <small>T M 32-5895-227-24P</small> f o r p a r t s i d e n t i f i c a t i o n a n d r e p a i r i n s t r u c t i o n s f o r C o m m u n i c a t i o n C e n t r a l A N / M S O - 7 1 .</p>

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 central. 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 fictional 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 spatial 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.
PB -	Item procured and stocked for insurance purpose because essentiality dictates that a minimum quantity be available in the supply system.
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.
XC -	Installation drawing, diagram, instruction sheet, field service drawing, that is identified by manufacturer's part number.

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 700-42.

(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	- Repairable item. When uneconomically repairable, condemn and dispose at the direct support level.
D	- Repairable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot 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 708-42 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. 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:

- V1
- V2
- V3
- V4

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. (Examples)

CRES	corrosion-resistant steel
NHA	next higher assembly
UNC	unified coarse thread
UNEF	unified extra fine thread
UNF	unified fine thread

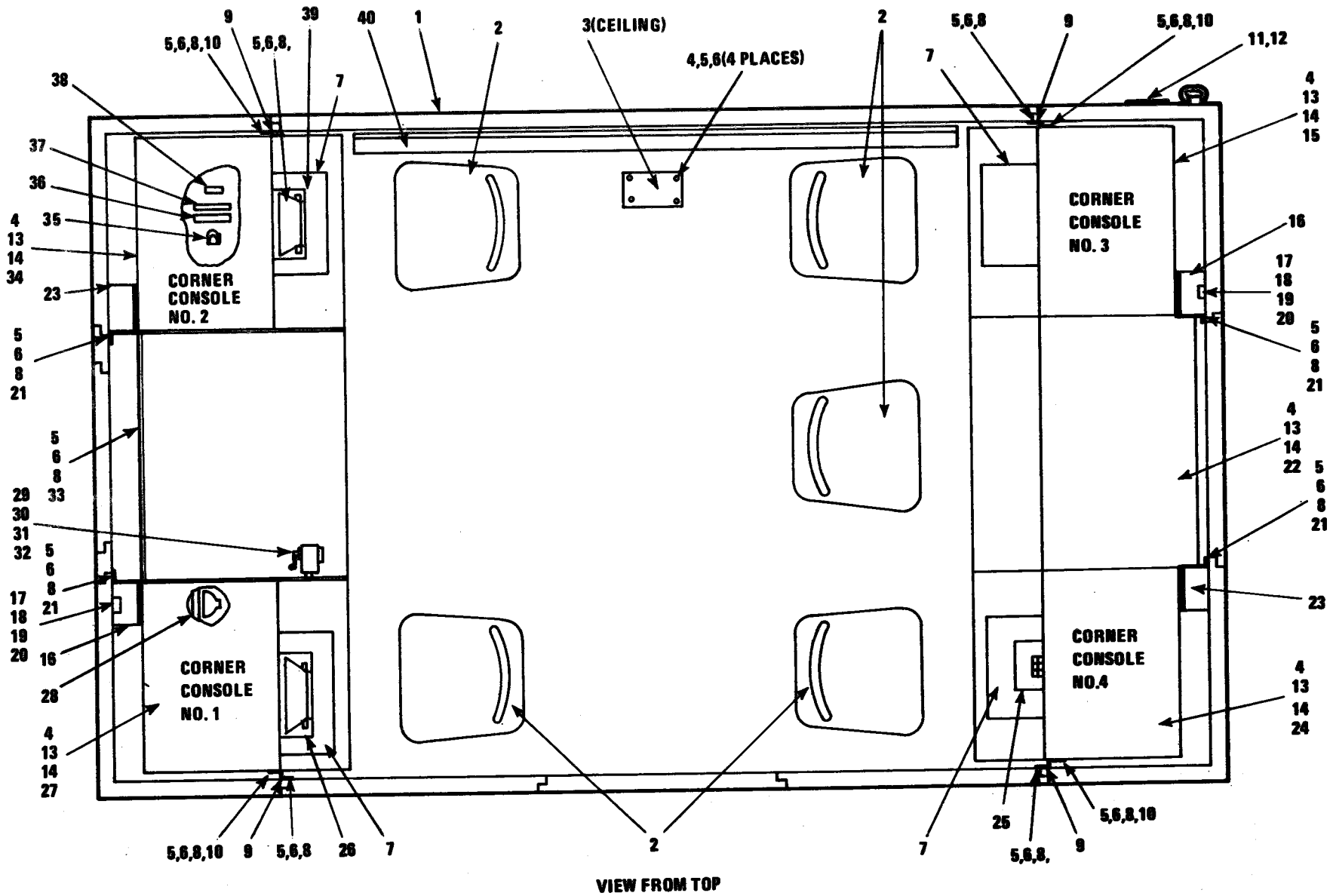


Figure E-1. Data Analysis Central AN/TYQ-5 (Sheet 1 of 4)

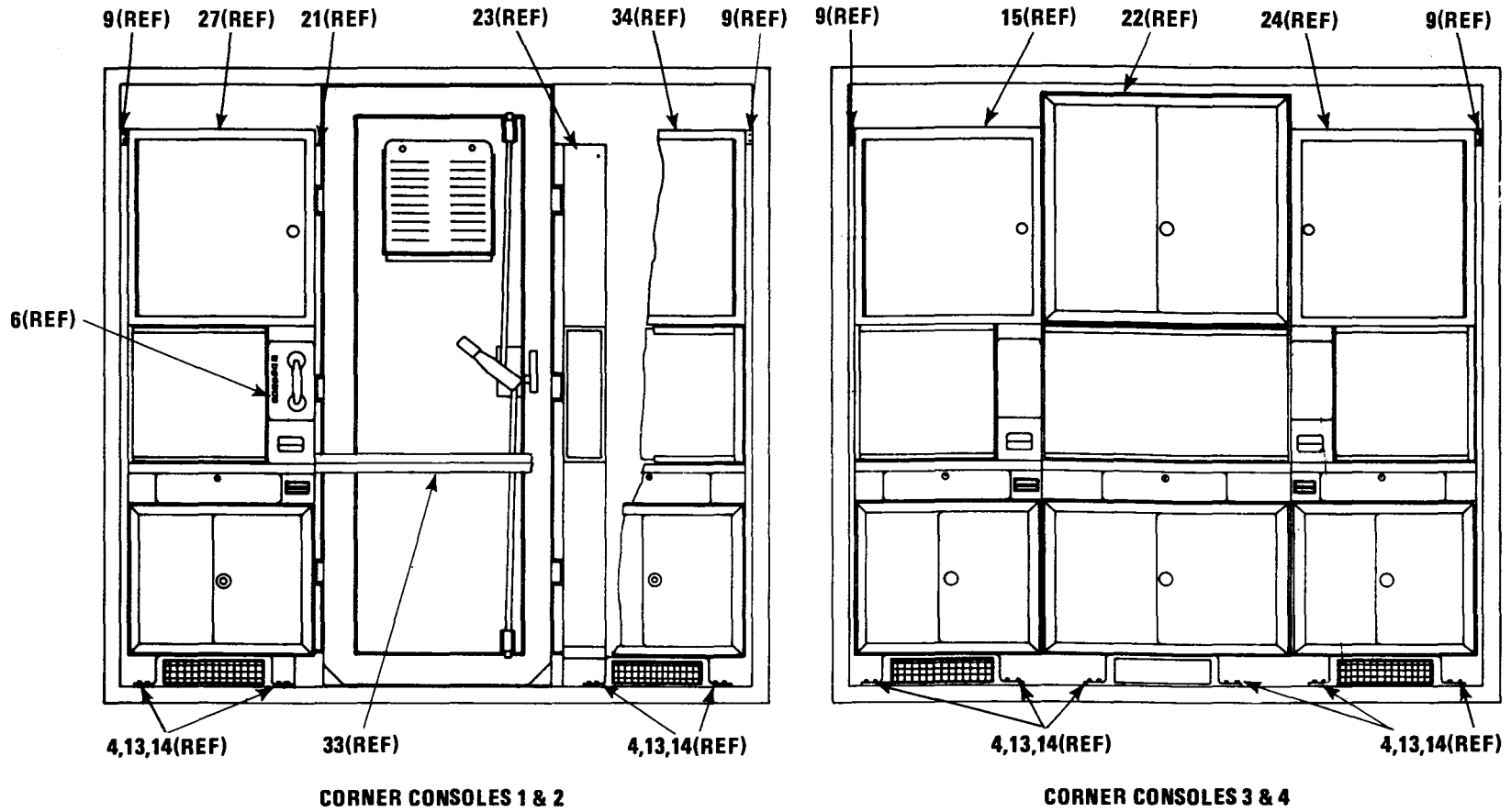


Figure E-1. Data Analysis Central AN/TYQ-5 (Sheet 2 of 4)

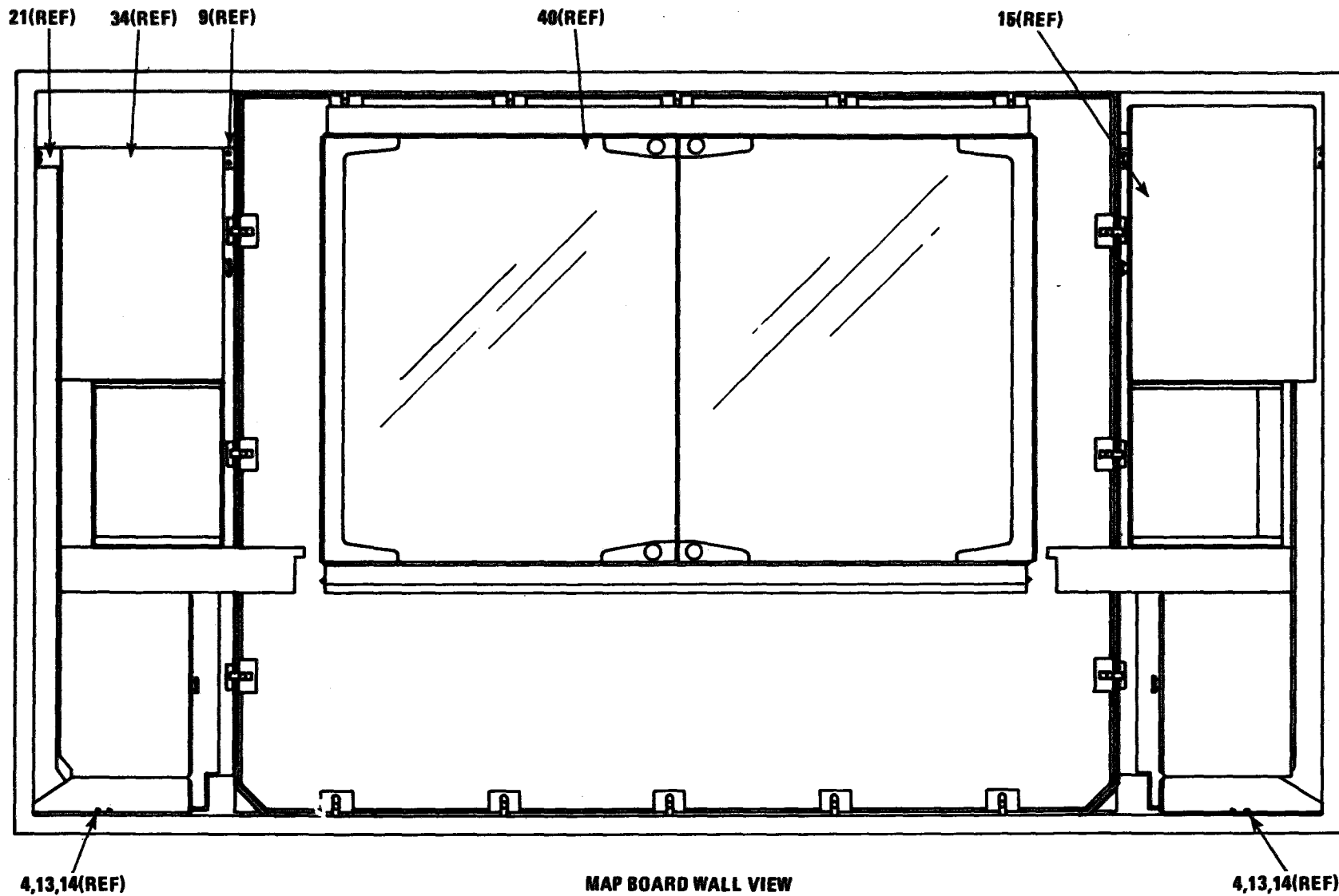


Figure E-1. Data Analysis Central AN/TYQ-5 (Sheet 3 of 4)

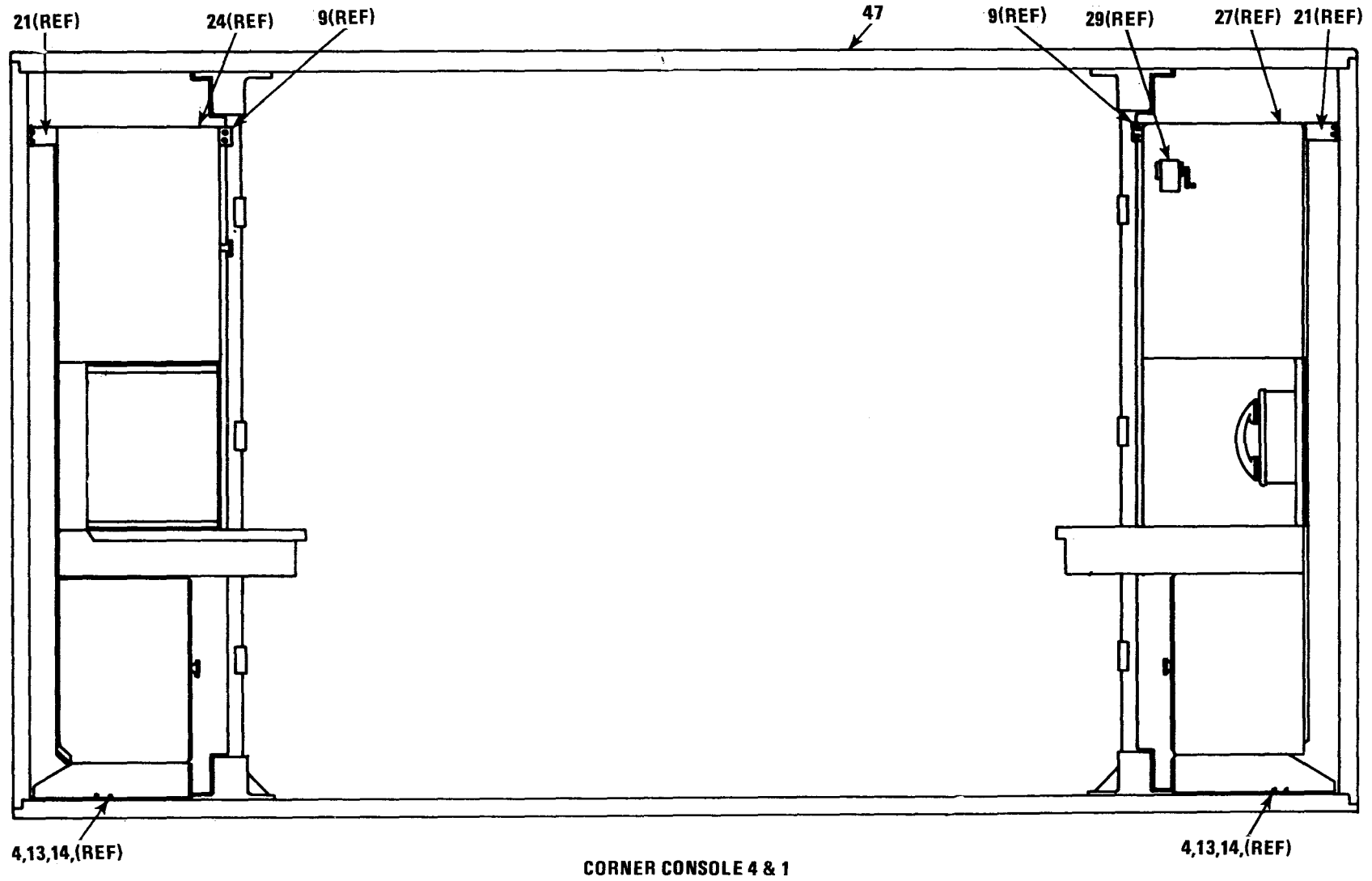


Figure E-1. Data Analysis Central AN/TYQ-5 (Sheet 4 of 4)

SECTION II. REPAIR PARTS LIST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION							
(A)	(B)	SMR	NATIONAL STOCK	PART NUMBER	FSCM	DESCRIPTION	U/M QTY
FIG NO	ITEM NO	CODE	NUMBER				INC IN UNIT
						USABLE ON CODE	
E-1	REF			0283-4-4501	15942	GROUP:00 DATA ANALYSIS CENTRAL AN/TYQ-5	
E-1	1	XA		0283-4-4503	15942	GROUP:01 MODIFIED SHELTER (SEE FIG. E-2 FOR BREAKDOWN)	V1,V2,V3,V4 EA 1
E-1	2	XBFFF		0283-4-3004-1	15942	GROUP:07 CHAIR ASSY WITH TIEDOWN (SEE FIG. E-31 FOR BREAKDOWN)	V1,V2,V3,V4 EA 5
E-1	3	XBFFF		0283-4-3501	15942	GROUP:10 CLOCK ASSY, REMOTE DISPLAY	V1,V3 EA 1
E-1	4	PAFZZ	5305-00-702-4523	MS35307-306	96906	SCREW, CAP, HEX. HD., 1/4-20 UNC X 3/4 IN. LG.	EA 20
E-1	5	PAFZZ	5310-00-933-8120	MS35338-138	96906	WASHER, LOCK, NO. 10	EA 14
E-1	6	PAFZZ	5310-00-550-5054	MS15795-809	96906	WASHER, FLAT, NO. 10	EA 14
E-1	7	XBFFF		566-3-3961	15942	GROUP:0207-0507 EQUIPMENT TRAY ASSY (SEE FIG. E-13 FOR BREAKDOWN)	V1,V2,V3,V4 EA 4
E-1	8	PAFZZ	5305-00-059-3659	MS51958-63	96906	SCREW, MACHINE, PAN.HD., NO. 10-32 UNF X 1/2 IN. LG.	EA 13
E-1	9	XBZZ		0283-4-3504	15942	STABILIZER BRACKET, SIDE	EA 4
E-1	10	PAFZZ	5310-00-877-5797	MS21044N3	96906	NUT, SELF-LOCKING, HEX., NO. 10-32 UNF	EA 4
E-1	11	XBZZ		0283-1-3999-10	15942	NAME PLATE	EA 1
E-1	12	PAFZZ	5920-00-904-4139	AD43ABS	07707	POP RIVET	EA 1
E-1	13	PAFZZ	5310-00-933-8121	MS35338-139	96906	WASHER, LOCK, 1/4 IN.	EA 19
E-1	14	PAFZZ	5310-00-582-5677	MS15795-810	96906	WASHER, FLAT, 1/4 IN.	EA 19
E-1	15	XBFFF		0283-4-4506-2	15942	GROUP:04 CORNER CONSOLE ASSY NO.3 (SEE FIG. E-4 FOR BREAKDOWN)	EA 1
E-1	16	XBFFF		0283-4-4504-1	15942	GROUP:0304,0504 ELECTRICAL DUCT INSTALLA- TION (SEE FIG. E-20 FOR BREAK- DOWN)	V1,V2,V3,V4 EA 2
E-1	17	XBZZ		61036-70AL	63448	NEUTRAL BLOCK	EA 2

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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 NUMBER	FSCM	DESCRIPTION	U/M QTY INC IN UNIT
							USABLE ON CODE
E-1	18	PAFZZ	5305-00-494-8502	MS51975-47	96906	SCREW, MACHINE, PAN. HD., NO. 8-32 X 3/4 IN. LG.	EA 2
E-1	19	PAFZZ	5310-00-933-8119	MS35338-137	96906	WASHER, LOCK, NO. 8	EA 2
E-1	20	PAFZZ	5310-00-619-1148	MS15795-808	96906	WASHER, FLAT, NO.8	EA 2
E-1	21	XBFZZ		0283-4-3505	15942	CORNER CABINET STABILIZER REAR	EA 4
E-1	22	XBFFF		0283-4-4524	15942	GROUP:06 CENTER CONSOLE ASSY (SEE FIG.E-25 FOR BREAKDOWN)	V1,V2,V3,V4 EA 1
E-1	23	XBFFF		0283-4-4504-2	15942	GROUP:0204,0404 ELECTRICAL DUCT INSTALLA- TION (SEE FIG. E-9 FOR BREAK- DOWN)	V1,V2,V3,V4 EA 2
E-1	24	XBFFF		0283-4-4506-3	15942	GROUP:05 CORNER CONSOLE ASSY NO.4 (SEE FIG. E-17 FOR BREAKDOWN)	EA 1
E-1	25	XBFFD	7420-00-664-0104	LA7-200	41330	GROUP:0506 CALCULATOR	V1,V3 EA 1
E-1	26	XBFFD	7430-00-254-4321	GFE	08288	GROUP:0206 TYPEWRITER, GOTHIC, MODIFIED, WITH 1/4-20 MOUNTING HDWR	V1,V3 EA 1
E-1	27	XBFFF		0283-4-4506-6	15942	GROUP:02 CORNER CONSOLE ASSY NO. 1 (SEE FIG. E-4 FOR BREAKDOWN)	V1,V2,V3,V4 EA 1
E-1	28	XBFFD	5805-00-945-8549	TA-676(*)/G	80058	GROUP:0211 TELEPHONE TA676G	V1 EA 1
E-1	29	XBFZZ	7520-00-162-6178	723898-554	82577	PENCIL SHARPENER	EA 1
E-1	30	PAFZZ	5305-00-054-6670	MS5197-45	96906	SCREW, MACHINE, PAN. HD., NO. 6-32 X 1/2 IN. LG.	EA 1
E-1	31	PAFZZ	5310-00-880-5978	MS15795-807	96906	WASHER, FLAT, NO.6	EA 1
E-1	32	PAFZZ	5310-00-081-8087	MS21044N06	96906	NUT, SELF-LOCKING, HEX., NO. 6-32 UNC	EA 1
E-1	33	XBFFF		0283-4-3567	15942	GROUP:08 ADJUSTABLE WORK SURFACE ASSY (SEE FIG. E-32 FOR BREAKDOWN)	V1,V2,V3,V4 EA 1

TM32-5895-248-14&P
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 NUMBER	FSCM	DESCRIPTION	U/M QTY INC IN UNIT
							USABLE ON CODE
E-1	34	XBFFF		0283-4-4536	15942	GROUP:09 EDGE LIT MAP BOARD ASSY (SEE FIG. E-33 FOR BREAKDOWN)	V1,V2 EA 1
E-1	35	XBFZZ	7520-00-224-7589	GG-P-191	81348	PERFORATOR, 2 HOLE	EA 1
E-1	36	XBFZZ	7520-00-163-2563	GG-P-191	81348	PERFORATOR, 3 HOLE	EA 1
E-1	37	XBFFD	6675-00-174-3237	GG-L-256	81348	LETTERING SET, LEROY	EA 1
E-1	38	XBFZZ	7520-00-162-7111	GG-N-775	81348	NUMBERING MACHINE	V1,V3 EA 1
E-1	39	XBFFD	7430-00-634-5062	470-16	52223	GROUP:0306 TYPEWRITER, ELITE, MODIFIED, WITH 1/4-20 MOUNTING HDWR	V1,V3 EA 1
E-1	40	XBFFF		0283-4-4506-5	15942	GROUP:03 CORNER CONSOLE ASSY NO. 2 (SEE FIG. E-17 FOR BREAKDOWN)	EA 1

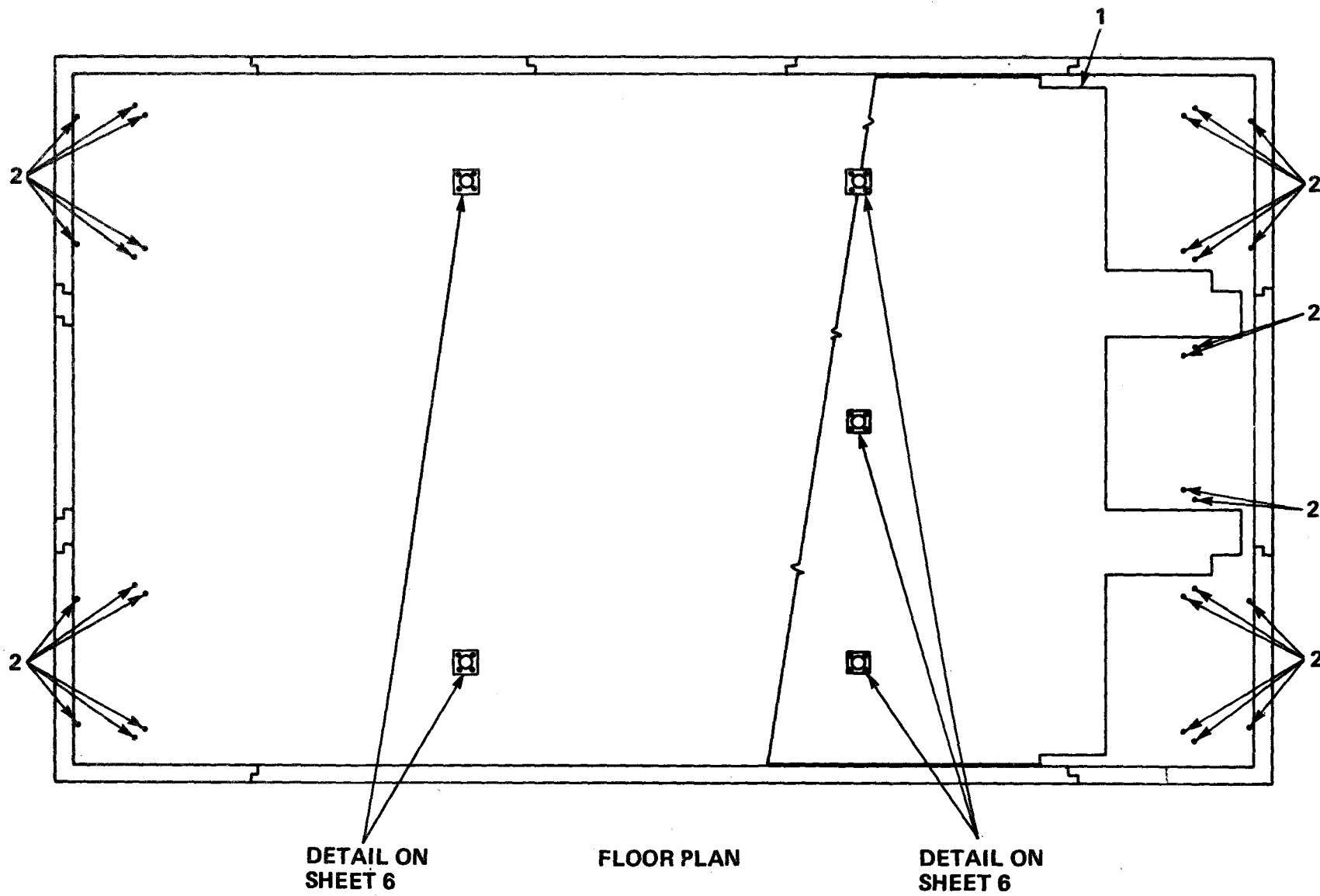


Figure E-2. Modified Shelter (Sheet 1 of 6)

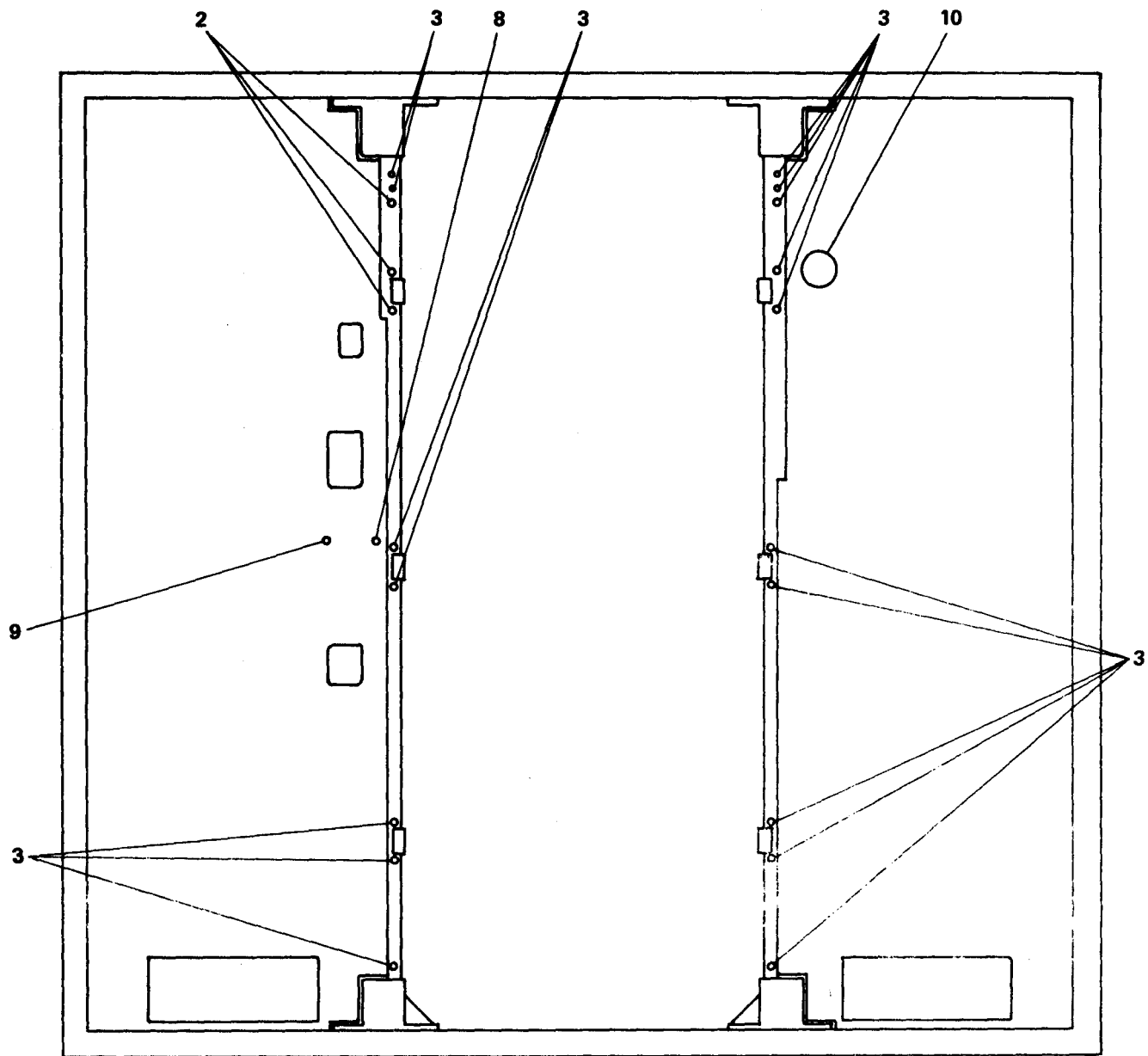
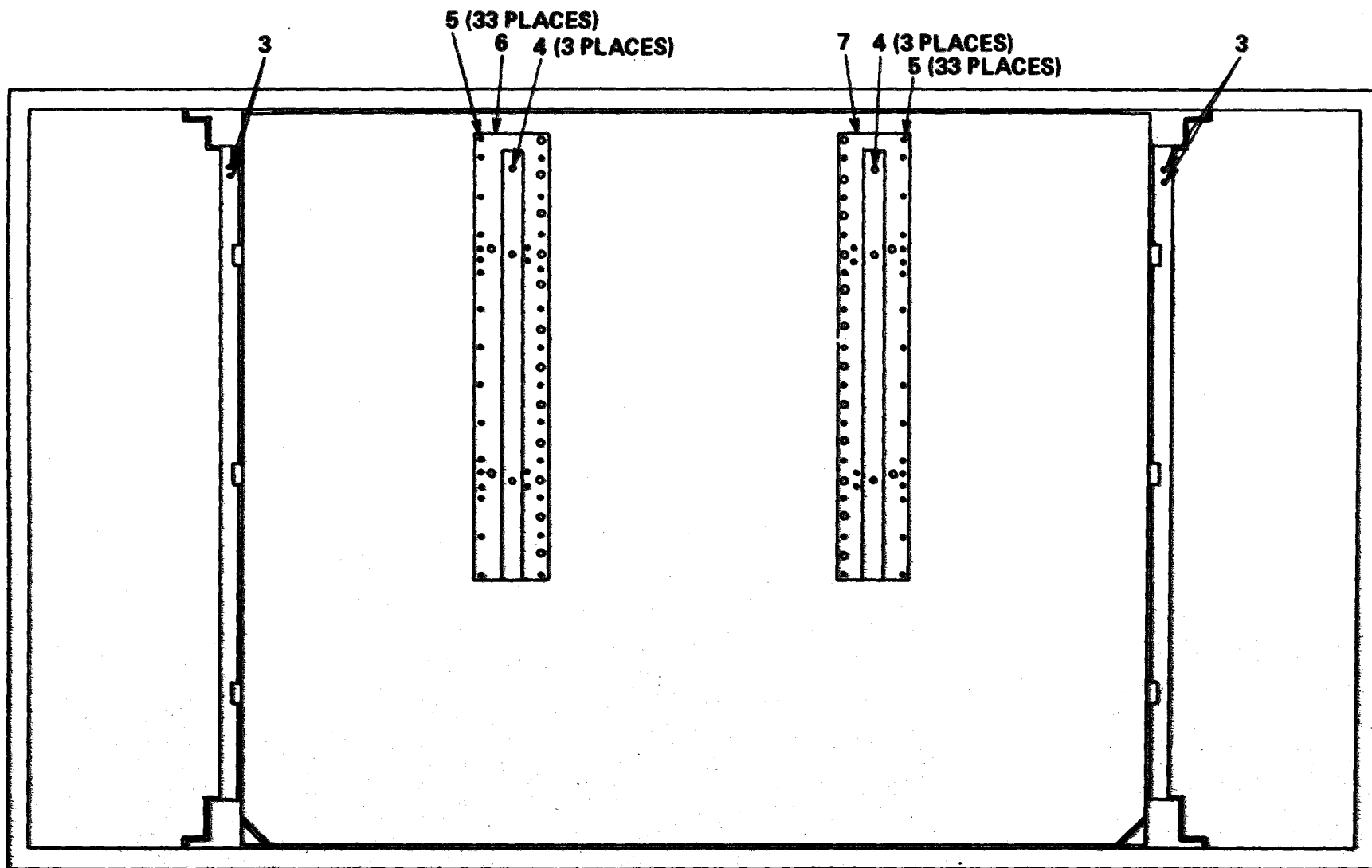
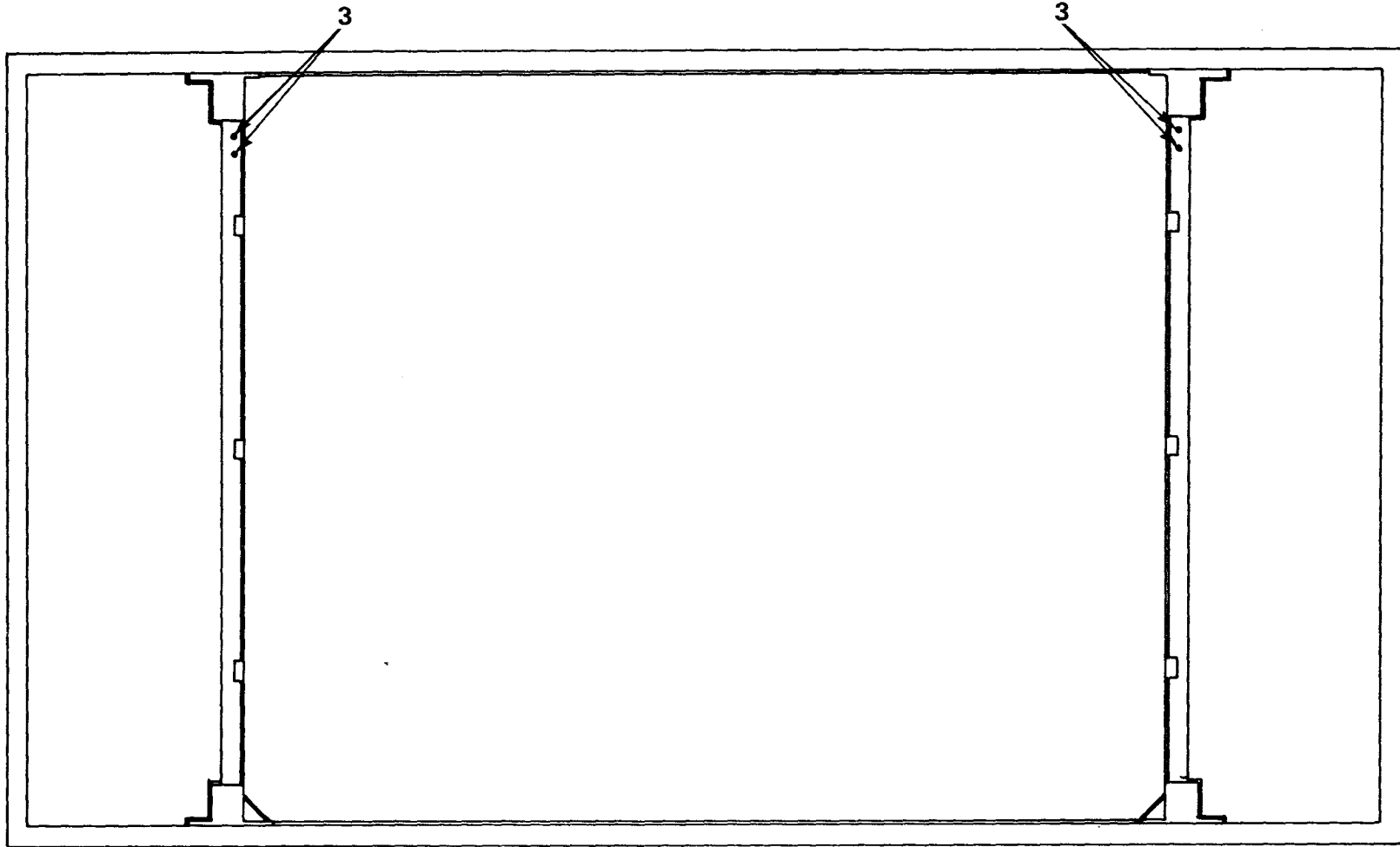


Figure E-2. Modified Shelter (Sheet 2 of 6)



MAP BOARD WALL

Figure E-2. Modified Shelter (Sheet 3 of 6)



WALKWAY WALL

Figure E-2. Modified Shelter (Sheet 4 of 6)

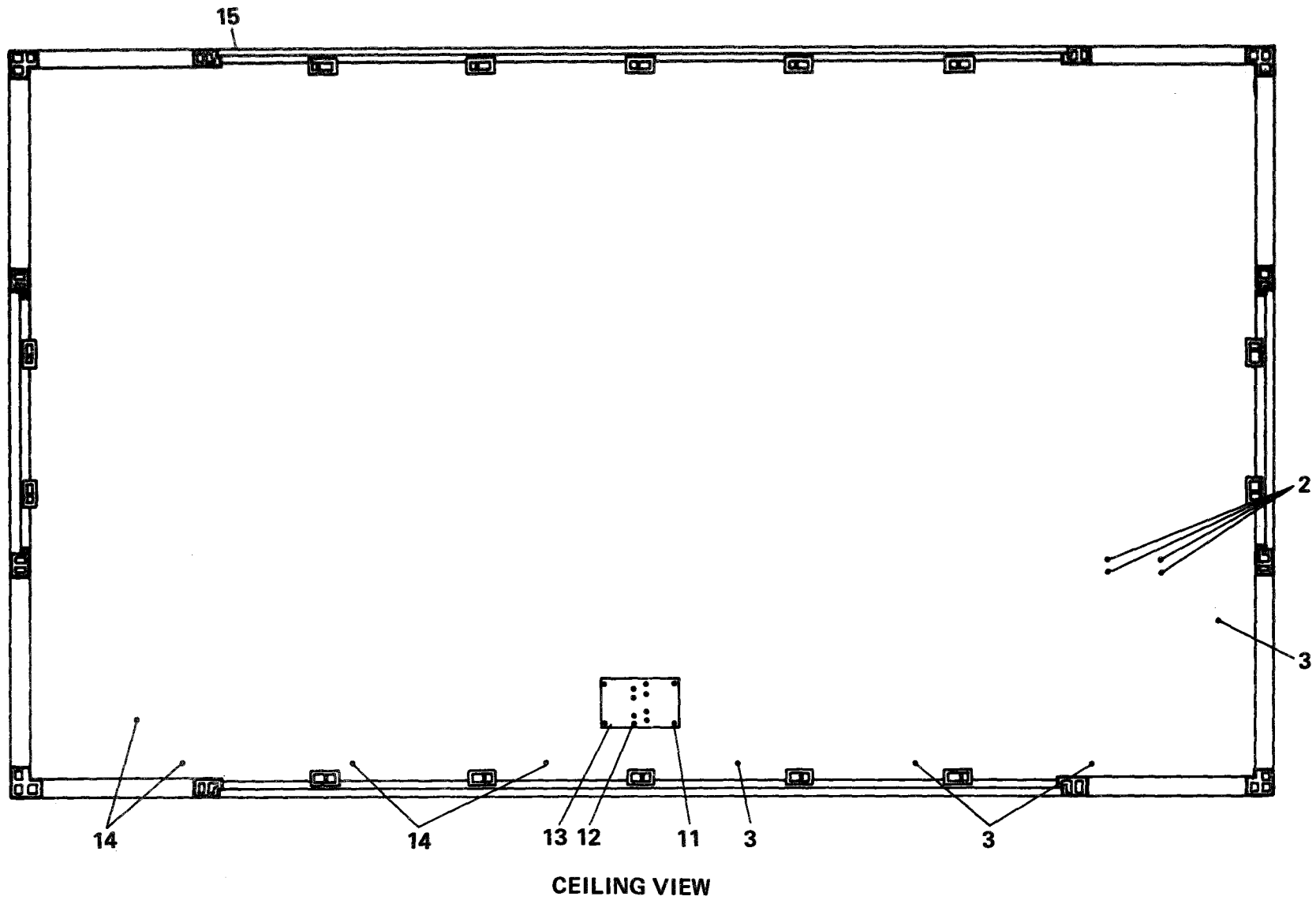
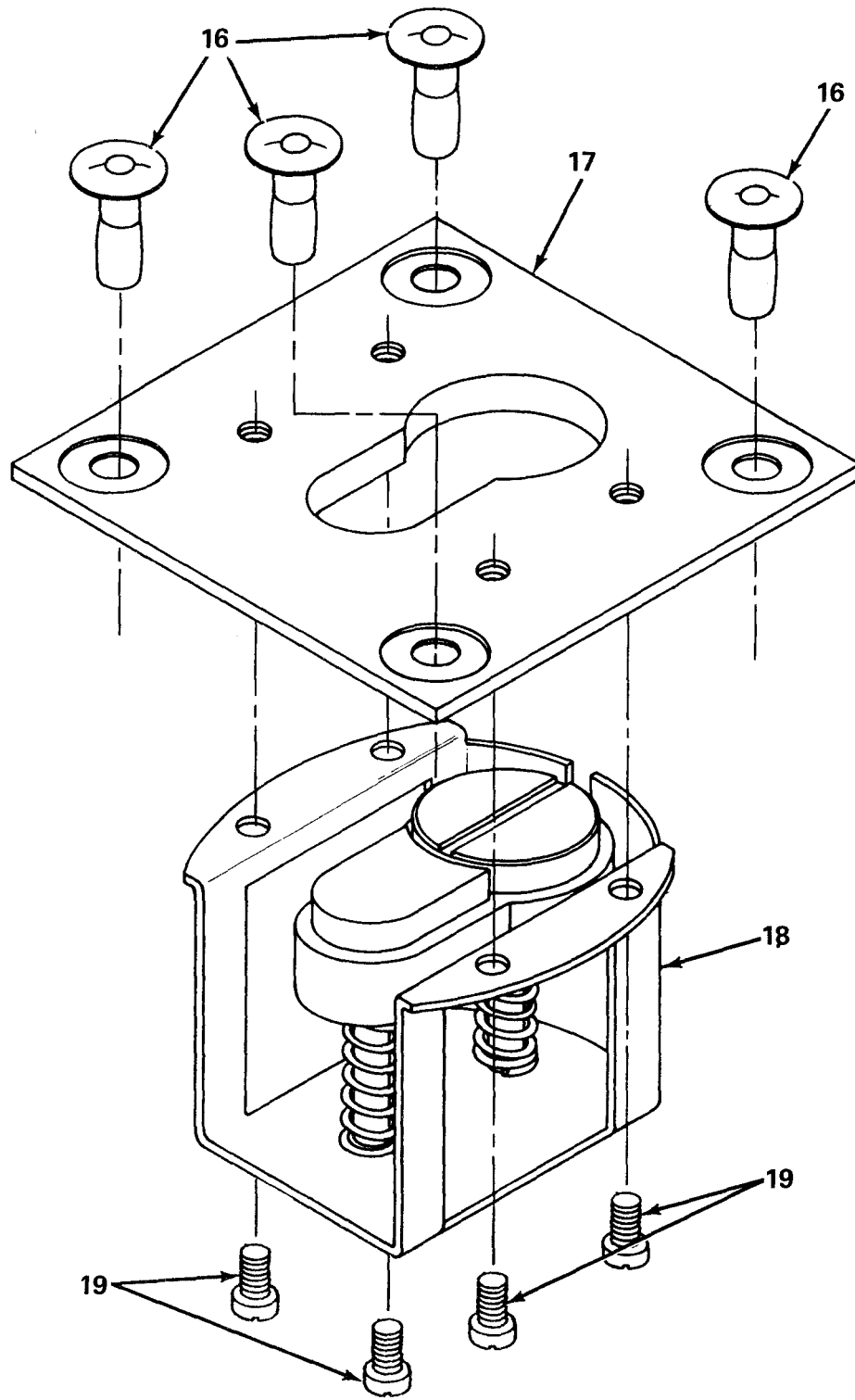


Figure E-2. Modified Shelter (Sheet 5 of 6)



**FLOOR SOCKET ASSEMBLY
(5 IN SHELTER)**

Figure E-2. Modified Shelter (Sheet 6 of 6)

SECTION II. REPAIR PARTS LIST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION							
(A)	(B)	SMR	NATIONAL STOCK	PART NUMBER	FSCM	DESCRIPTION	U/M QTY
FIG NO	ITEM NO	CODE	NUMBER				INC IN UNIT
							USABLE ON CODE
E-2	REF			0283-4-4503	15942	GROUP;01 MODIFIED SHELTER (SEE FIG. E-1-47 FOR NHA)	V1,V2,V3,V4
E-2	1	XBFZZ		0283-4-3568	15942	FLOOR MAT	EA 1
E-2	2	PBFZZ	5310-00-827-8976	S25B200	03481	RIVNUT	EA 35
E-2	3	PBFZZ	5310-00-948-0755	NAS1329S3B80	80205	RIVNUT	EA 29
E-2	4	PBFZZ	5310-00-952-3628	S31B200	03481	RIVNUT	EA 6
E-2	5	PBFZZ	5320-00-493-4101	M24243/1-B604	81349	POP RIVET	EA 66
E-2	6	XBFZZ		0283-4-3562-2	15942	MAP BOARD BRACKET, LH	EA 1
E-2	7	XBFZZ		0283-4-3562-1	15942	MAP BOARD BRACKET, RH	EA 1
E-2	8	PBFZZ	5310-00-413-0083	S8B160	03481	RIVNUT	EA 1
E-2	9	PBFZZ	5310-00-943-5324	S8B75	03481	RIVNUT	EA 1
E-2	10	XBFFF		0283-4-4005-3	15942	FEED THRU PANEL ASSY (SEE FIG. E-3 FOR BREAKDOWN)	EA 1
E-2	11	PBFZZ	5310-00-955-6219	S10B130	25472	RIVNUT	EA 4
E-2	12	PBFZZ	5320-00-904-4136	M24243/1-B403	81349	POT RIVET	EA 8
E-2	13	XBFZZ		0283-4-2507	15942	CLOCK MOUNTING PLATE	EA 1
E-2	14	PBFZZ	5310-00-106-3379	S10-80	03481	RIVNUT	EA 4
E-2	15	XA		0283-2-1000	15942	SHELTER, ELECTRICAL EQUIP- MENT, S389	EA 1
E-2	16	PAFZZ	5320-00-956-7355	AD64H	07707	POP RIVET	EA 20
E-2	17	XBFZZ		0283-4-2025	15942	FLOOR PLATE, CHAIR TIEDOWN	EA 5
E-2	18	XBFZZ	5895-01-008-6091	SP2189	96603	FLOOR FITTING	EA 5
E-2	19	PAFZZ	5305-00-054-5647	MS51957-13	96906	SCREW, MACHINE, PAN. HD., NO. 4-40 UNC X 1/4 IN. LG.	EA 20

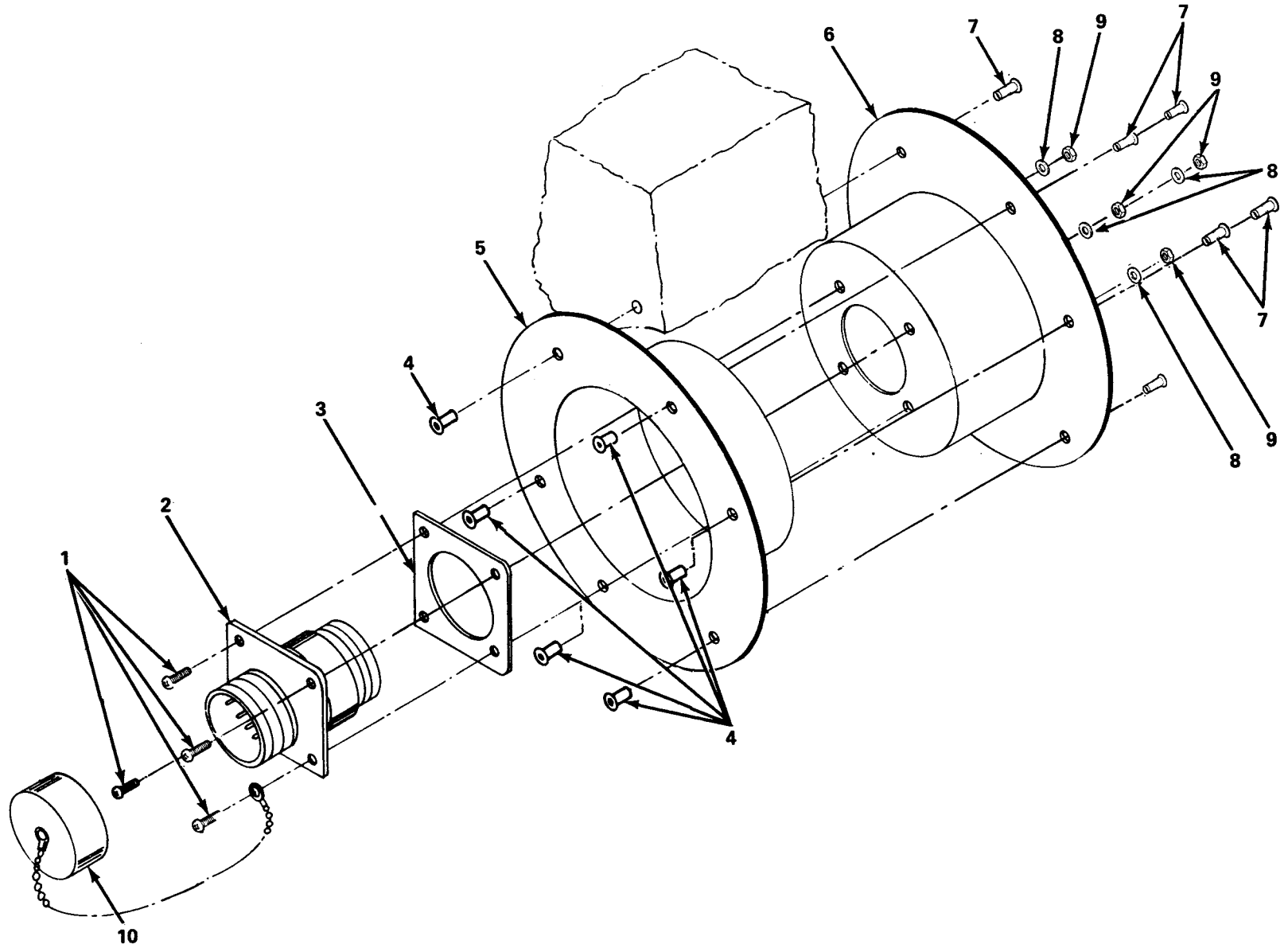


Figure E-3. Feed Thru Panel Assembly

TM32-5895-248-14&P
SECTION II. REPAIR PARTS LIST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION		NATIONAL STOCK	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
(A) FIG NO	(B) ITEM NO	SMR CODE					
					USABLE ON CODE		
E-3	REF		0283-4-4005-3	15942	GROUP;0101 FEED THRU PANEL ASSY (SEE FIG. E-2 FOR NHA)		
E-3	1	XBFZZ	0283-4-3019-2	15942	SINGLE FEED THRU PANEL	EA	1
E-3	2	PBFZZ	5320-00-493-4101	M24243/1-B604	81349	POP RIVET	EA 6
E-3	3	PBFZZ	5310-00-088-0551	MS21044N04	96906	NUT, SELF-LOCKING, HEX., NO. 4-40 UNC	EA 4
E-3	4	PBFZZ	5310-00-722-5998	MS15795-805	96906	WASHER, FLAT, NO.4	EA 4
E-3	5	XBFZZ		0283-4-3019-1	15942	SINGLE FEED THRU PANEL	EA 1
E-3	6	PBFZZ	5999-00-702-9230	10-101960-14-3	77820	DUST CAP	EA 1
E-3	7	PBFZZ	5305-00-054-5649	MS51957-15	96906	SCREW, MACHINE, PAN. HD., NO. 4-40 UNC X 3/8 IN. LG.	EA 4
E-3	8	PBFZZ	5935-00-439-0272	PTB14-15PS	77820	BULKHEAD CONNECTOR	EA 1
E-3	9	PBFZZ	5330-00-585-1591	10-101949-14	77820	GASKET	EA 1
E-3	10	PBFZZ	5320-00-956-7355	AD64H	07707	POP RIVET	EA 6

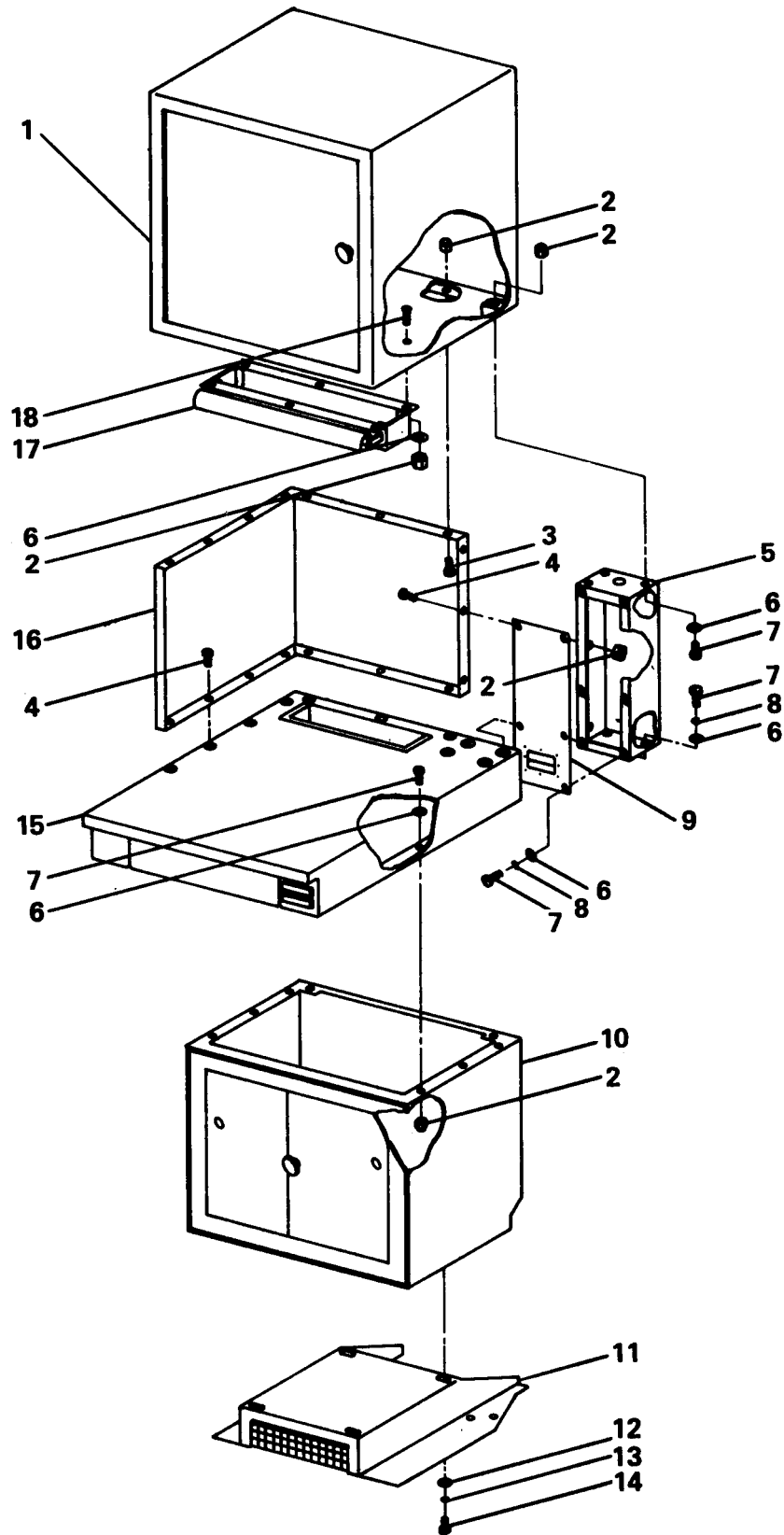


Figure E-4. Corner Console Assembly

TM32-5895-248-14&P
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 NUMBER	FSCM	DESCRIPTION	U/M QTY INC IN UNIT
E-4				0283-4-4506-6		GROUP:02 CORNER CONSOLE ASSY NO. 1 (SEE FIG. E-1-18 FOR NHA)	V1,V2,V3,V4
E-4				0283-4-4506-2		GROUP:04 CORNER CONSOLE ASSY NO. 3 (SEE FIG. E-1-32 FOR NHA)	V1,V2,V3,V4
E-4	1	XBFFF		0283-4-4513-2	15942	GROUP: 0201, 0401 UPPER CABINET ASSY (SEE FIG. E-5 FOR BREAKDOWN)	EA 1
E-4	2	PAFZZ	5310-00-877-5797	MS21044N3	96906	NUT, SELF-LOCKING, HEX., NO. 10-32 UNF	EA 24
E-4	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-4	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-4	5	XBFFF		0283-4-4511-2	15942	GROUP:0205 ELECTRICAL DUCT EXTENSION ASSY (USED WITH 0283-4-4506-2) (SEE FIG. E-9 FOR BREAKDOWN)	EA 1
E-4	5	XBFFF		0283-4-4511-4	15942	GROUP: 0405 ELECTRICAL DUCT EXTENSION ASSY (USED WITH 0283-4-4506-6) (SEE FIG. E-10 FOR BREAKDOWN)	EA 1
E-4	6	PAFZZ	5310-00-550-5054	MS15795-809	96906	WASHER, FLAT, NO. 10	EA 27
E-4	7	PAFZZ	5305-00-059-3660	MS51958-64	96906	SCREW, MACHINE, PAN. HD., NO. 10-32 UNF X 5/8 IN. LG.	EA 21
E-4	8	PAFZZ	5310-00-933-8120	MS35338-138	96906	WASHER, LOCK, NO. 10	EA 10
E-4	9	XBFFF		0283-4-3509	15942	GROUP:0211 TELEPHONE MOUNTING PANEL ASSY (SEE FIG. E-12 FOR BREAK- DOWN)	EA 1
E-4	10	XBFFF		0283-4-4508-2	15942	GROUP:0202,0402 LOWER CABINET ASSY (SEE FIG. E-7 FOR BREAKDOWN)	EA 1
E-4	11	XBFFF		0283-4-3508	15942	GROUP:0210,0410 BASE AND AIR DUCT ASSY (SEE FIG. E-16 FOR BREAKDOWN)	EA 1
E-4	12	PAFZZ	5310-00-582-5677	MS15795-810	96906	WASHER, FLAT, 1/4 IN.	EA 4
E-4	13	PAFZZ	5310-00-933-8121	MS35338-139	96906	WASHER, LOCK, 1/4 IN.	EA 4

TM32-5895-248-14&P
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 NUMBER	FSCM	DESCRIPTION	U/M QTY INC IN UNIT
E-4	14	PAFZZ	5305-00-702-4523	MS35307-306	96906	SCREW, CAP, HEX. HD., 1/4-20 UNC X 3/4 IN. LG.	EA 4
E-4	15	XBFFF		0283-4-4509-6	15942	GROUP: 0403 WORK SURFACE ASSY (USED WITH 0283-4-4506-2) (SEE FIG. E-8 FOR BREAKDOWN)	EA 1
E-4	15	XBFFF		0283-4-4509-4	15942	GROUP:0203 WORK SURFACE ASSY (USED WITH 0283-4-4506-6) (SEE FIG. E-8 FOR BREAKDOWN)	EA 1
E-4	16	XBFFF		0283-4-4510	15942	GROUP:0209,0409 TACK BOARD ASSY (SEE FIG. E-15 FOR BREAKDOWN)	EA 1
E-4	17	XBFFF		0283-4-3533-2	15942	GROUP:0208,0408 LIGHT UNIT ASSY (SEE FIG. E-14 FOR BREAKDOWN)	EA 1
E-4	18	PAFZZ	5305-00-059-3659	MS51958-63	96906	SCREW, MACHINE, PAN. HD., NO. 10-32 UNF X 1/2 IN. LG.	EA 6

(E-23 blank)/E-24

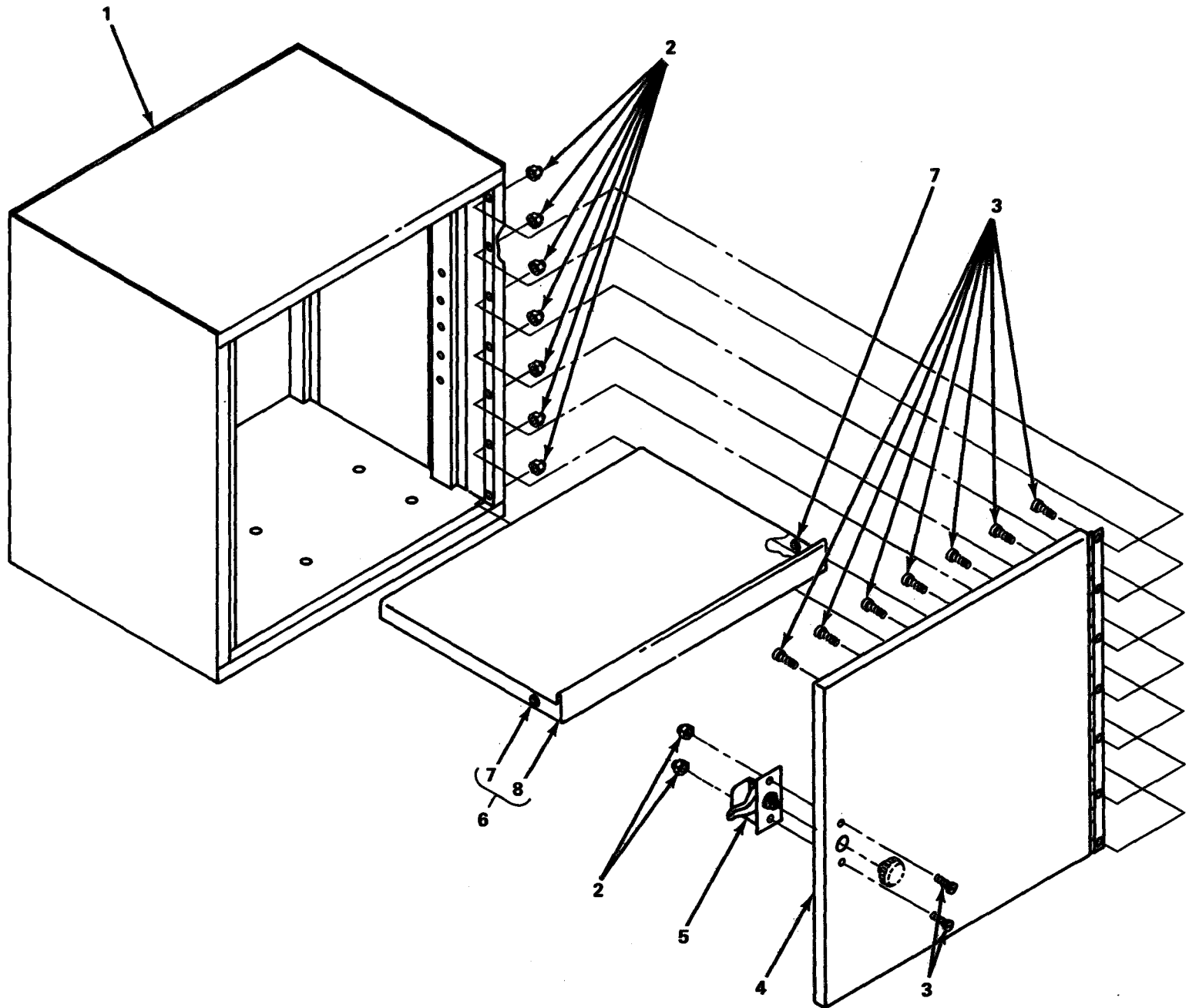


Figure E-5. Upper Cabinet Assembly

TM32-5895-248-14&P
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 NUMBER	FSCM	DESCRIPTION	U/M QTY INC IN UNIT
E-5						GROUP:0201,0401 UPPER CABINET ASSY (SEE FIG. E-4-1 FOR NHA)	
E-5	1	XA		0283-4-4520-2	15942	UPPER CABINET ASSY	EA 1
E-5	2	PAFZZ	5310-00-081-8087	MS21044N06	96906	NUT, SELF-LOCKING, NO. 6-32 UNC	EA 9
E-5	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-5	4	XBFZZ		0283-4-4521-2	15942	DOOR ASSY, UPPER CABINET	EA 1
E-5	5	PAFZZ		44-99-117-13	94222	ADJUSTABLE PAWL FASTENER	EA 1
E-5	6	XBFZZ		0283-4-2520	15942	SHELF ASSY	EA 1
E-5	7	PAFZZ	5325-00-491-1402	56-10-801-10	94222	PLUNGER, SPRING LOADED	EA 1
E-5	8	XA		0283-4-2520-1	15942	SHELF	EA 1

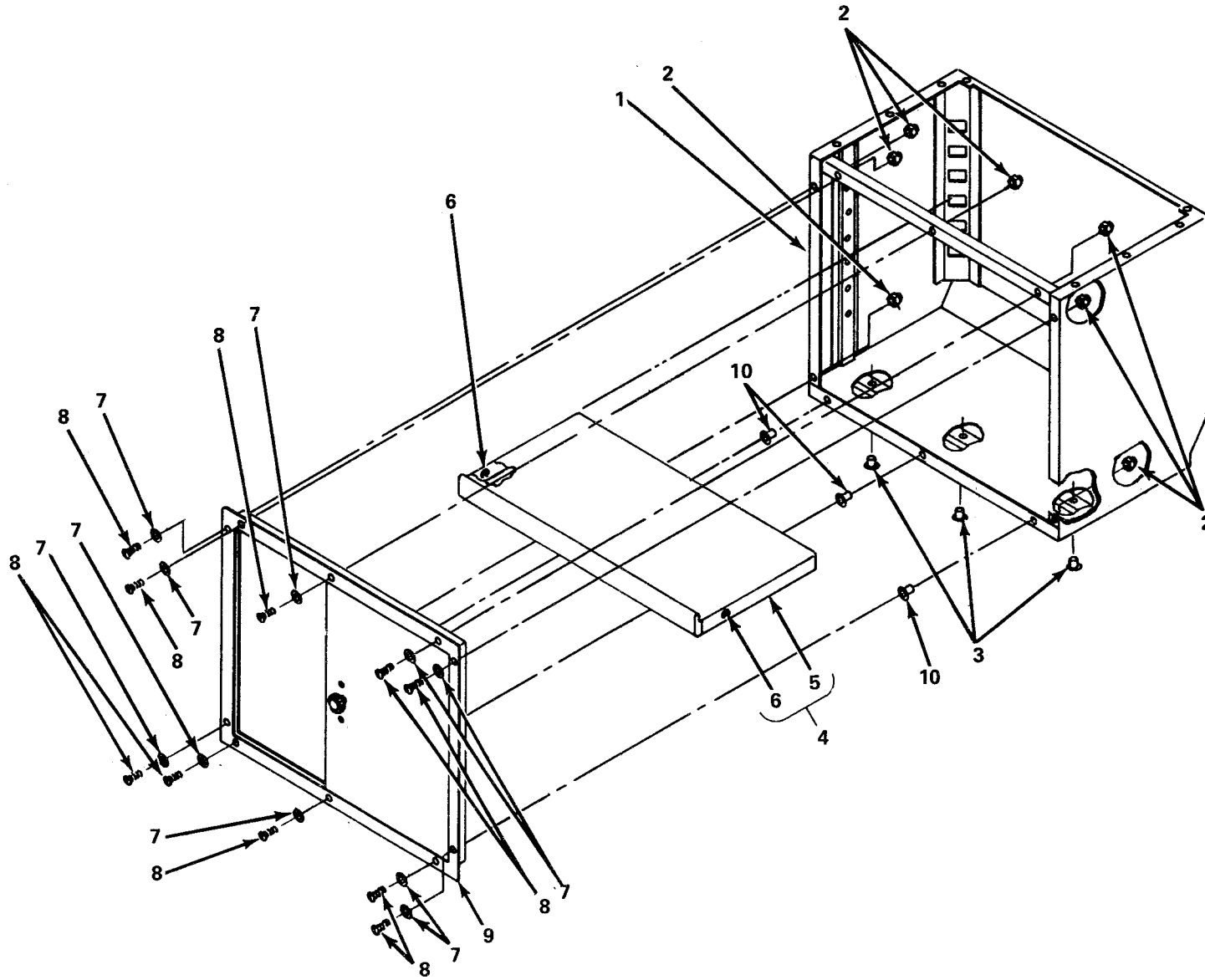


Figure E-6. Lower Cabinet Assembly

TM32-5895-248-14&P
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 NUMBER	FSCM	DESCRIPTION	U/M QTY INC IN UNIT
E-6				0283-4-4508-2		GROUP:0202,0402 LOWER CABINET ASSY (SEE FIG. E-4-10 FOR NHA)	
E-6				0283-4-4508-1		GROUP:0302,0502 LOWER CABINET ASSY (SEE FIG. E-17-14 FOR NHA)	
E-6	1	XA		0283-4-4515-1	15942	LOWER CABINET (USED WITH 0283-4-4508-1)	EA 1
E-6	1	XA		0283-4-4515-2	15942	LOWER CABINET (USED WITH 0283-4-4508-2)	EA 1
E-6	2	PAFZZ	5310-00-877-5797	MS21044N3	96906	NUT, SELF-LOCKING'HEX., NO. 10-32 UNF	EA 7
E-6	3	PAFZZ	5310-00-180-5117	S10-130	03481	RIVNUT	EA 3
E-6	4	XBFZZ		0283-4-2509	15942	LOWER CABINET SHELF	EA 1
E-6	5	XA		0283-4-2509-1	15942	SHELF	EA 1
E-6	6	PAFZZ	5325-00-491-1402	56-10-801-10	94222	PLUNGER	EA 2
E-6	7	PAFZZ	5310-00-550-5054	MS15795-809	96906	WASHER, FLAT, NO. 10	EA 10
E-6	8	PAFZZ	5305-00-059-3660	MS51958-64	96906	SCREW, MACHINE, PAN. HD., NO. 10-32 UNF X 5/8 IN. LG.	EA 10
E-6	9	XBFFF		0283-4-4516-1	15942	GROUP:020201, 040201 SLIDING DOOR ASSY (SEE FIG. E-7 FOR BREAKDOWN)	EA 1
E-6	9	XBFFF		0283-4-4516-3	15942	GROUP:030201, 050201 SLIDING DOOR ASSY (SEE FIG E-7 FOR BREAKDOWN)	EA 1
E-6	10	PAFZZ	5310-00-006-8291	MS27130S32	96906	NUT, FLAIN, BLIND	EA 3

USABLE ON CODE

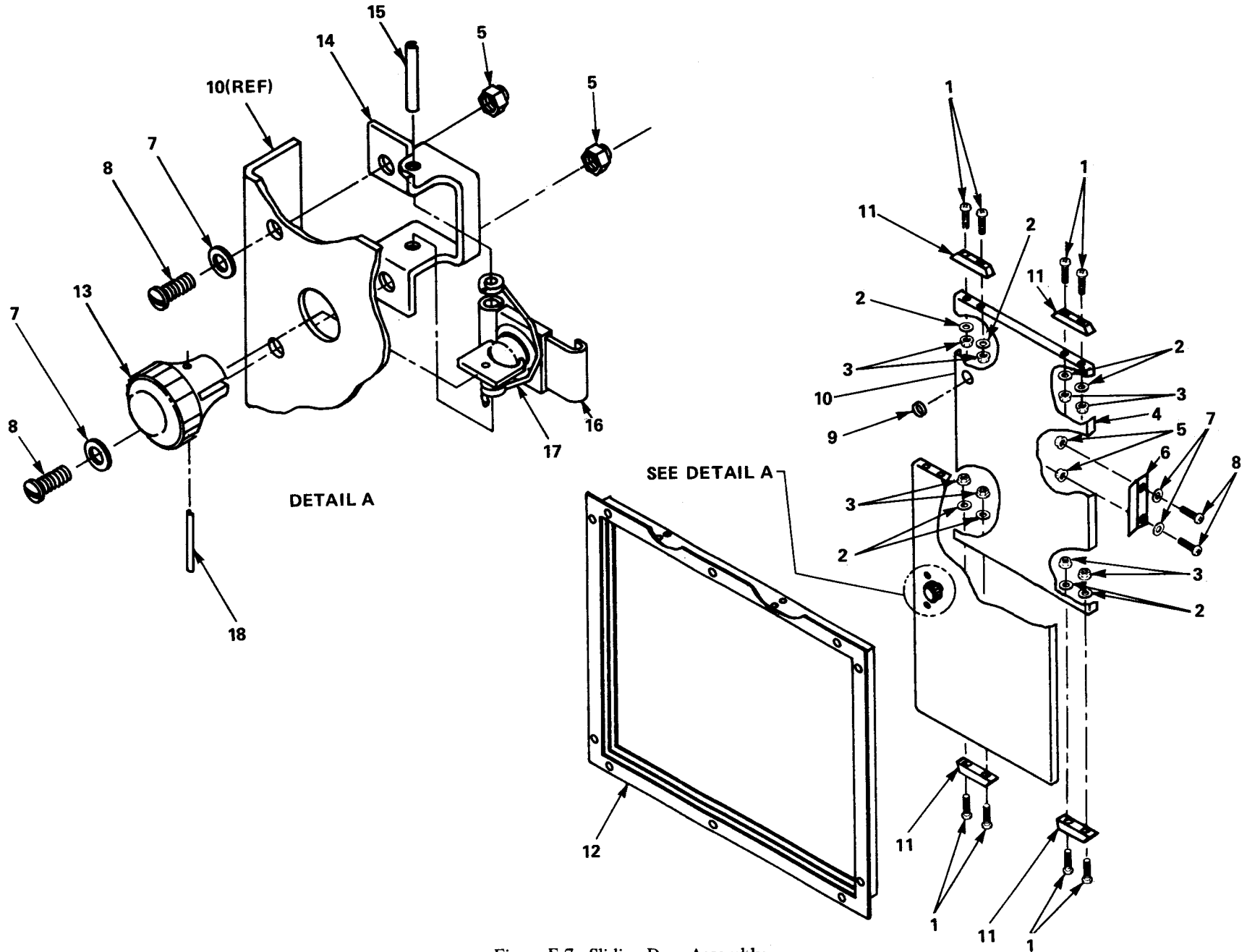


Figure E-7. Sliding Door Assembly

TM32-5895-248-14&P
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 NUMBER	FSCM	DESCRIPTION	U/M QTY INC IN UNIT
E-7	REF		0283-4-4516-1	15942	GROUP:020201,040201	SLIDING DOOR ASSY (SEE FIG. E-6 FOR NHA)	
E-7	REF			0283-4-4516-3	15942	GROUP:030201, 050201 SLIDING DOOR ASSY (SEE FIG. E-6 FOR NHA)	
E-7	REF			0283-4-4516-2	15942	GROUP:060101 SLIDING DOOR ASSY (SEE FIG. E-26 FOR NHA)	
E-7	REF			0283-4-4516-3	15942	GROUP:060201 SLIDING DOOR ASSY (SEE FIG E-27 FOR NHA)	
E-7	1	PAFZZ	5305-00-764-0071	MS51959-47	96906	SCREW, MACHINE, FLAT HD., NO. 8-32 UNC X 3/4 IN. LG.	EA 16
E-7	2	PAFZZ	5310-00-619-1148	MS15795-808	96906	WASHER, FLAT, NO. 8	EA 16
E-7	3	PAFZZ	5310-00-811-3494	MS21044N08	96906	NUT, SELF-LOCKING, HEX., NO. 8-32 UNC	EA 16
E-7	4	XBFZZ		0283-4-3553	15942	SLIDING DOOR, LH (USED WITH 0283-4-4516-3)	EA 1
E-7	4	XBFZZ		0283-4-3524	15942	SLIDING DOOR, LH (USED WITH 0283-4-4516-1)	EA 1
E-7	4	XBFZZ		0283-4-3545	15942	SLIDING DOOR, LH (USED WITH 0283-4-4516-2)	EA 1
E-7	5	PAFZZ	5310-00-877-5797	MS21044N3	96906	NUT, SELF-LOCKING, HEX., NO. 10-32 UNF	EA 4
E-7	6	XBFZZ		566-1-2032	15942	LATCH PLATE (USED WITH 0283-4-4516-1 AND -2)	EA 1
E-7	6	XBFZZ		0283-4-2569-1	15942	LATCH PLATE (USED WITH 0283-4-4516-3)	EA 1
E-7	7	PAFZZ	5310-00-550-5054	MS15795-809	96906	WASHER, FLAT, NO. 10	EA 4
E-7	8	PAFZZ	5305-00-059-3659	MS51958-63	96906	SCREW, MACHINE, PAN. HD., NO. 10-32 UNF X 1/2 IN. LG.	EA 4
E-7	9	XBFZZ		T5100-14	89198	FINGER PULL	EA 1
E-7	10	XBFZZ		0283-4-3523	15942	SLIDING DOOR, RH (USED WITH 0283-4-4516-1)	EA 1

USABLE ON CODE

SECTION II. REPAIR PARTS LIST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION		NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
(A) FIG NO	(B) ITEM NO	SMR CODE				USABLE ON CODE	
E-7	10	XBFZZ	0283-4-3544	15942	SLIDING DOOR, RH (USED WITH 0283-4-4516-2)	EA	1
E-7	10	XBFZZ	0283-4-3552	15942	SLIDING DOOR, RH (USED WITH 0283-4-4516-3)	EA	1
E-7	11	XBFZZ	566-1-2028	15942	SLIDE BLOCK	EA	8
E-7	12	XBFZZ	0283-4-3522	15942	DOOR FRAME (USED WITH 0283-4-4516-1)	EA	1
E-7	12	XBFZZ	0283-4-3543	15942	DOOR FRAME (USED WITH 0283-4-4516-2)	EAQ	1
E-7	12	XBFZZ	0283-4-3551	15942	DOOR FRAME (USED WITH 0283-4-4516-3)	EA	1
E-7	13	PAFZZ	566-1-2027	15942	KNOB	EA	1
E-7	14	XBFZZ	566-1-2031	15942	BRACKET	EA	1
E-7	15	PAFZZ	5315-00-734-5634	NAS561P3-20	80205 SPRING PIN, 3/32 DIA. X 1-1/4 IN. LG.	EA	1
E-7	16	XBFZZ	566-1-2030	15942	LINK LOCK	EA	1
E-7	17	XBFZZ	566-1-2029	15942	SPRING, TORSION	EA	1
E-7	18	PAFZZ	5315-00-844-3943	52-012-062-0750	72962 SPRING PIN, 1/16 DIA. X 3/4 IN. LG.	EA	1

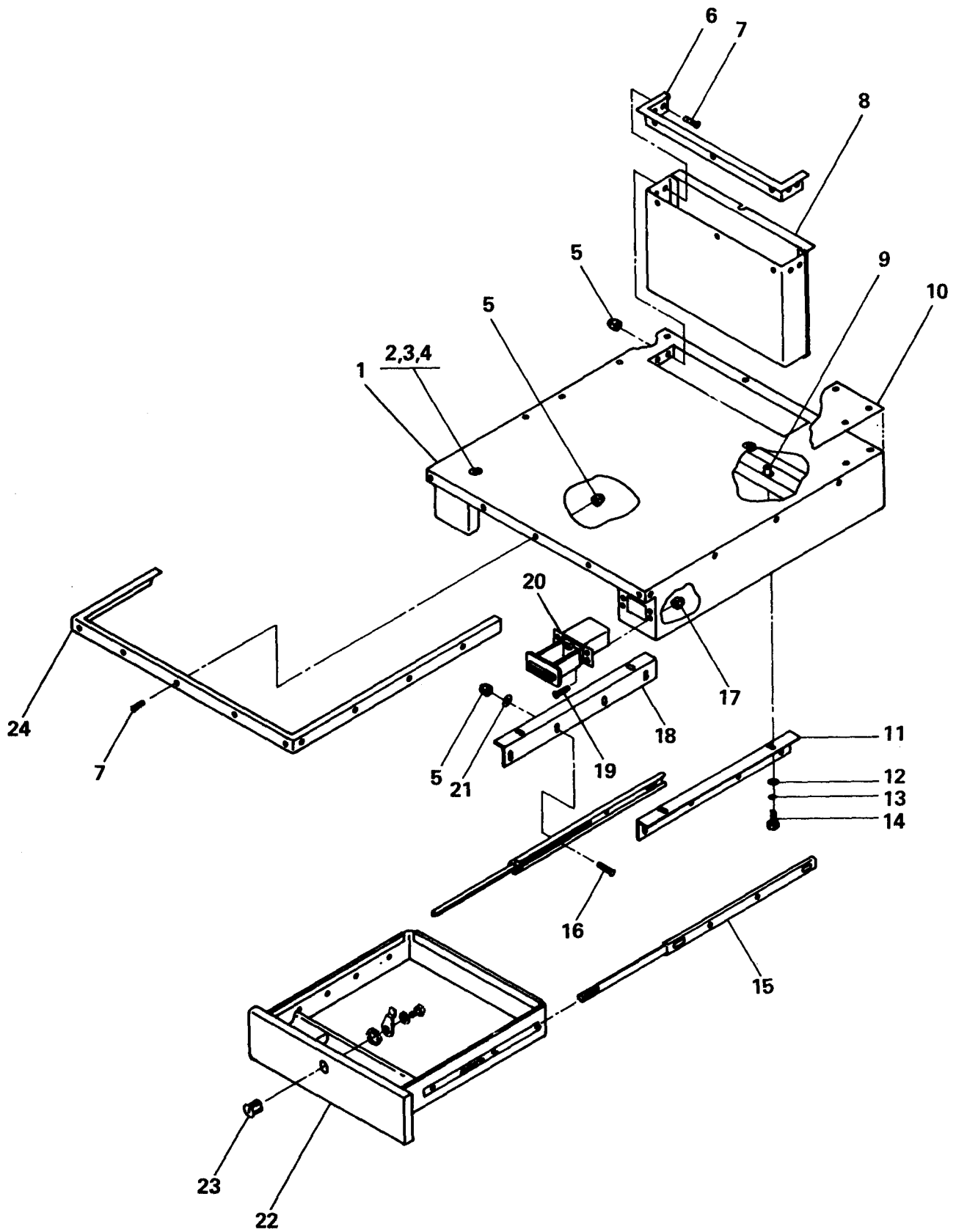


Figure E-8. Work Surface Assembly

TM32-5895-248-14&P
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 NUMBER	FSCM	DESCRIPTION	U/M QTY INC IN UNIT
							V1, V2, V3, V4
E-8	REF			0283-4-4509-4	15942	GROUP;0203, WORK SURFACE ASSY (SEE FIG. E-4-15 FOR NHA)	
E-8	REF			0283-4-4509-6	15942	GROUP;0403 WORK SURFACE ASSY (SEE FIG E-4-15 FOR NHA)	
E-8	1	XA		0283-4-4517-6	15942	WORK SURFACE WELDMENT (USED WITH 0283-4-4509-6)	EA 1
E-8	1	XA		0283-4-4517-4	15942	WORK SURFACE WELDMENT (USED WITH 0283-4-4509-4)	EA 1
E-8	2	PAFZZ	5310-00-854-9382	MS25082B11	96906	NUT, PLAIN, HEX., ELECTRICAL, THIN, 5/8-24 UNEF	EA 1
E-8	3	PAFZZ	5310-00-614-3505	MS15795-820	96906	WASHER, FLAT, 5/8 IN.	EA 1
E-8	4	XBFZZ		566-3-2966	15942	SOCKET, TIEDOWN	EA 1
E-8	5	PAFZZ	5310-00-081-8087	MS21044N06	96906	NUT, SELF-LOCKING, NO. 6-32 UNC	EA 34
E-8	6	XBFZZ		0283-4-2510	15942	FILE FOLDER WELL EDGE TRIM	EA 1
E-8	7	PAFZZ	5305-00-054-6652	MS51957-28	96906	SCREW, MACHINE, PAN. HD., NO. 6-32 X 3/8 IN. LG.	EA 26
E-8	8	XBFZZ		0283-4-3515-2	15942	FILE FOLDER WELL	EA 1
E-8	9	PAFZZ	5310-00-180-5117	S10-130	03481	RIVNUT (USED WITH 0283-4-4509- 6)	EA 27
E-8	9	PAFZZ	5310-00-180-5117	S10-130	03481	RIVNUT (USED WITH 0283-4-4509- 4)	EA 19
E-8	10	XBFZZ		0283-4-3513-2	15942	COVER	EA 1
E-8	11	XBFZZ		0283-4-2511-2	15942	DRAWER SLIDE SUPPORT ANGLE, RH	EA 1
E-8	12	PAFZZ	5310-00-550-5054	MS15795-809	96906	WASHER, FLAT, NO. 10	EA 4
E-8	13	PAFZZ	5310-00-933-8120	MS35338-138	96906	WASHER, LOCK, NO. 10	EA 4
E-8	14	PAFZZ		10-32X3-4CRES	70318	SCREW, CAP, HEX. HD., CRES NO 10-32 UNF X 3/4 IN. LG.	EA 4
E-8	15	XBFZZ		320X18INLG	83508	FULL EXTENSION SLIDE-PAIR	EA 1
E-8	16	PAFZZ	5305-00-719-5064	MS51959-30	96906	SCREW, MACHINE, FLAT HD., NO. 6-32 UNC X 1/2 IN. LG.	EA 8

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SECTION II. REPAIR PARTS LIST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION		NATIONAL STOCK	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY
(A) FIG NO	(B) ITEM NO	SMR CODE	NUMBER	FSCM	DESCRIPTION	U/M	QTY
						USABLE ON CODE	INC IN UNIT
E-8	17	PAFZZ	5310-00-088-0551	MS21044N04	96906 NUT, SELF-LOCKING, HEX., NO. 4-40 UNC	EA	4
E-8	18	XBFZZ		0283-4-2511-1	15942 DRAWER SLIDE SUPPORT ANGLE, LH	EA	1
E-8	19	PAFZZ	5305-00-054-5651	MS51957-17	96906 SCREW, MACHINE, PAN. HD., NO. 4-40 UNC X 1/2 IN. LG.	EA	4
E-8	20	XBFZZ		566-1-2006	15942 ASH RECEIVER	EA	1
E-8	21	PAFZZ	5310-00-880-5978	MS15795-807	96906 WASHER, FLAT, NO. 6	EA	8
E-8	22	XBFZZ		0283-4-3516	15942 DRAWER	EA	1
E-8	23	XBFZZ		15752XC5L	14608 LOCK, DISC TUMBLER	EA	1
E-8	24	XBFZZ		0283-4-3514-4	15942 EDGE TRIM (USED WITH 0283-4-4509-6)	EA	1
E-8	24	XBFZZ		0283-4-3514-2	15942 EDGE TRIM (USED WITH 0283-4-4509-4)	EA	1

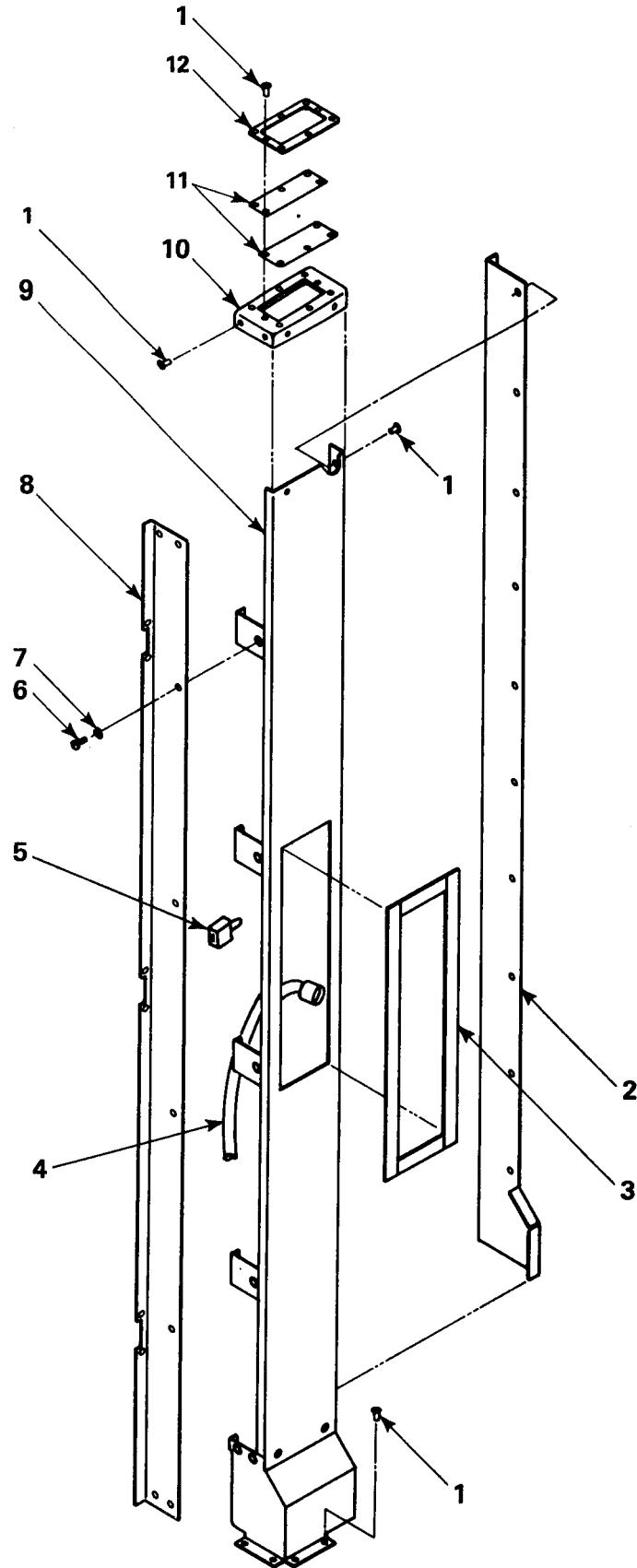


Figure E-9. Electrical Duct Installation

TM32-5895-248-14&P
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 NUMBER	FSCM	DESCRIPTION	U/M QTY INC IN UNIT
E-9	REF			0283-4-4504-2	15942	GROUP;0204, 0404 ELECTRICAL DUCT INSTALLA- TION (SEE FIG. E-1-41 FOR NHA)	
E-9	1	PAFZZ	5320-00-904-4136	M24243/1-B403	81349	POP RIVET	EA 41
E-9	2	XBFZZ		0283-4-3566-2	15942	SIDE PLATE	EA 1
E-9	3	XBFZZ		0283-4-4504-14	15942	GASKET	EA 1
E-9	4	XBFZZ		0283-4-2560-1	15942	GROUP;11 WIRING HARNESS (SEE FIG. E-37 FOR BREAKDOWN)	EA 1
E-9	5	XBFZZ		B0471	14726	CONNECTOR, BUTT	EA 1
E-9	6	PAFZZ	5305-00-059-3659	MS51958-63	96906	SCREW, MACHINE, PAN. HD., NO. 10-32 UNF X 1/2 IN. LG.	EA 14
E-9	7	PAFZZ	5310-00-933-8120	MS35338-138	96906	WASHER, LOCK, NO. 10	EA 14
E-9	8	XBFZZ		0283-4-2506-2	15942	SIDE ACCESS PLATE	EA 1
E-9	9	XA		0283-4-3506-2	15942	ELECTRICAL DUCT WELDMENT	EA 1
E-9	10	XBFZZ		0283-4-3507-2	15942	ELECTRICAL DUST CAP	EA 1
E-9	11	XBFZZ		0283-4-2517	15942	SEAL GASKET	EA 2
E-9	12	XBFZZ		0283-4-2516	15942	CAP, PLATE	EA 1

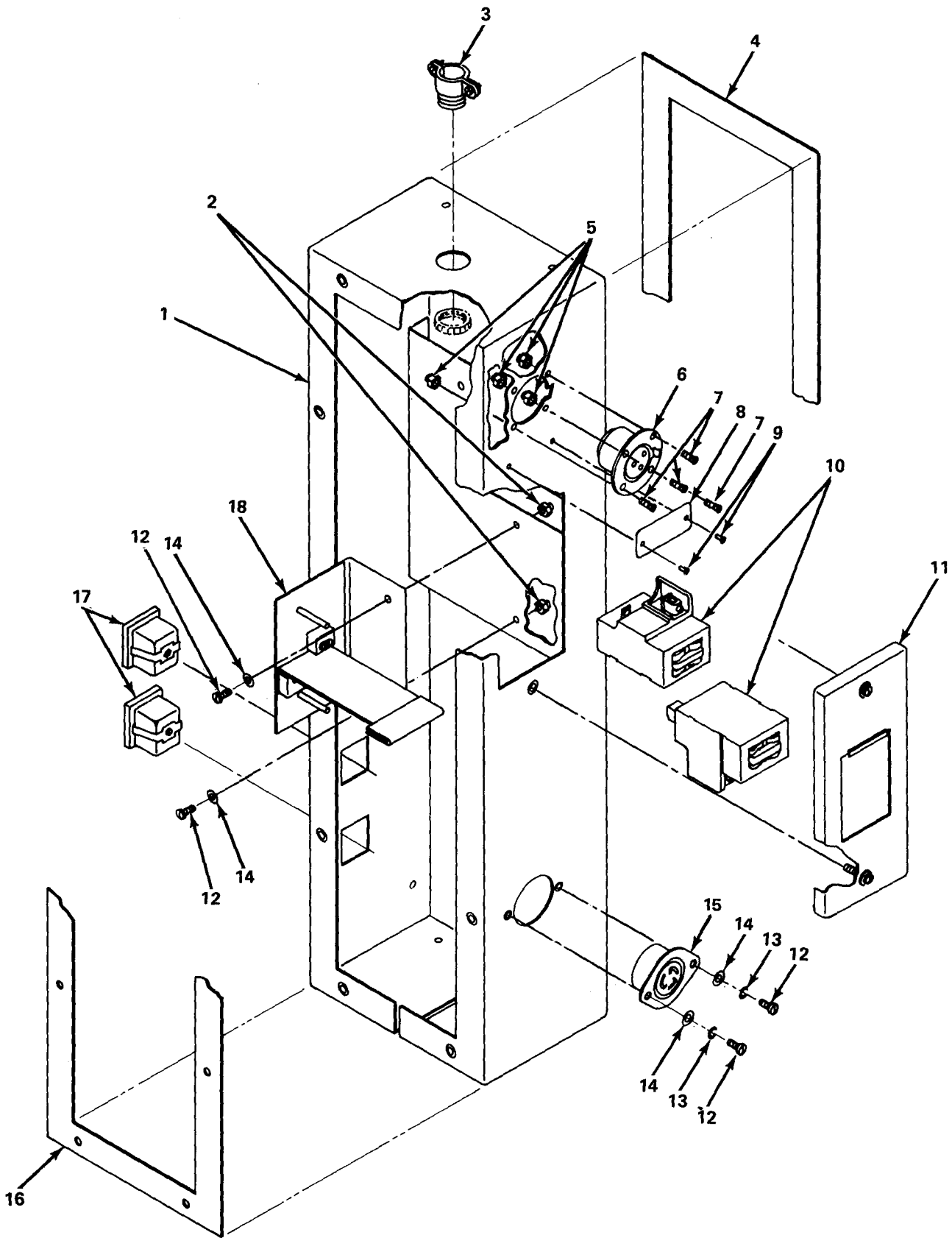


Figure E-10. Electrical Duct Extension Assembly

TM32-5895-248-14&P
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 NUMBER	FSCM	DESCRIPTION	U/M QTY INC IN UNIT
E-10	REF			0283-4-4511-4	15942	GROUP;0205 ELECTRICAL DUCT EXTENSION ASSY (SEE FIG. E-4-5 FOR NHA)	V1,V2,V3,V4
E-10	1	XBFFF		0283-4-4518-4	15942	ELECTRICAL DUCT EXTENSION	EA 1
E-10	2	PAFZZ	5310-00-081-8087	MS21044N06	96906	NUT, SELF-LOCKING, NO. 6-32 UNC	EA 2
E-10	3	PAFZZ	5975-00-152-1144	3302	59730	CABLE FITTING	EA 1
E-10	4	XBFZZ		0283-4-4511-36	15942	GASKET STRIP	EA 1
E-10	5	PAFZZ	5310-00-088-0551	MS21044N04	96906	NUT, SELF-LOCKING, HEX., NO. 4-40 UNC	EA 4
E-10	6	PAFZZ	5935-00-257-7641	P3-13	71468	RECEPTACLE	EA 1
E-10	7	PAFZZ	5305-00-770-2579	MS51959-15	96906	SCREW, MACHINE, FLAT HD., NO. 4-40 UNC X 3/8 IN. LG.	EA 4
E-10	8	XBFFF		0283-4-2615-1	15942	NAMEPLATE	EA 1
E-10	9	PAFZZ	5305-00-253-5604	MS21318-2	96906	DRIVE SCREW	EA 2
E-10	10	PAFZZ	5925-00-553-9899	P115	74193	PUSHMATIC CIRCUIT BREAKER	EA 2
E-10	11	XBFFF		0283-2-2806-2	15942	COVER ASSY, CIRCUIT BREAKER (SEE FIG. E-11 FOR BREAKDOWN)	EA 1
E-10	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-10	13	PAFZZ	5310-00-929-6395	MS35338-136	96906	WASHER, LOCK, NO. 6	EA 2
E-10	14	PAFZZ	5310-00-880-5978	MS15795-807	96906	WASHER, FLAT, NO. 6	EA 4
E-10	15	PAFZZ	5935-00-241-0355	7526	74545	RECEPTACLE	EA 1
E-10	16	XBFFF		0283-4-4511-25	15942	GASKET STRIP	EA 1
E-10	17	PAFZZ	5935-00-432-7733	1369	75582	CONVENIENCE OUTLET	EA 2
E-10	18	XBFFF		0283-2-2808	15942	HOLDER, CIRCUIT BREAKER	EA 1

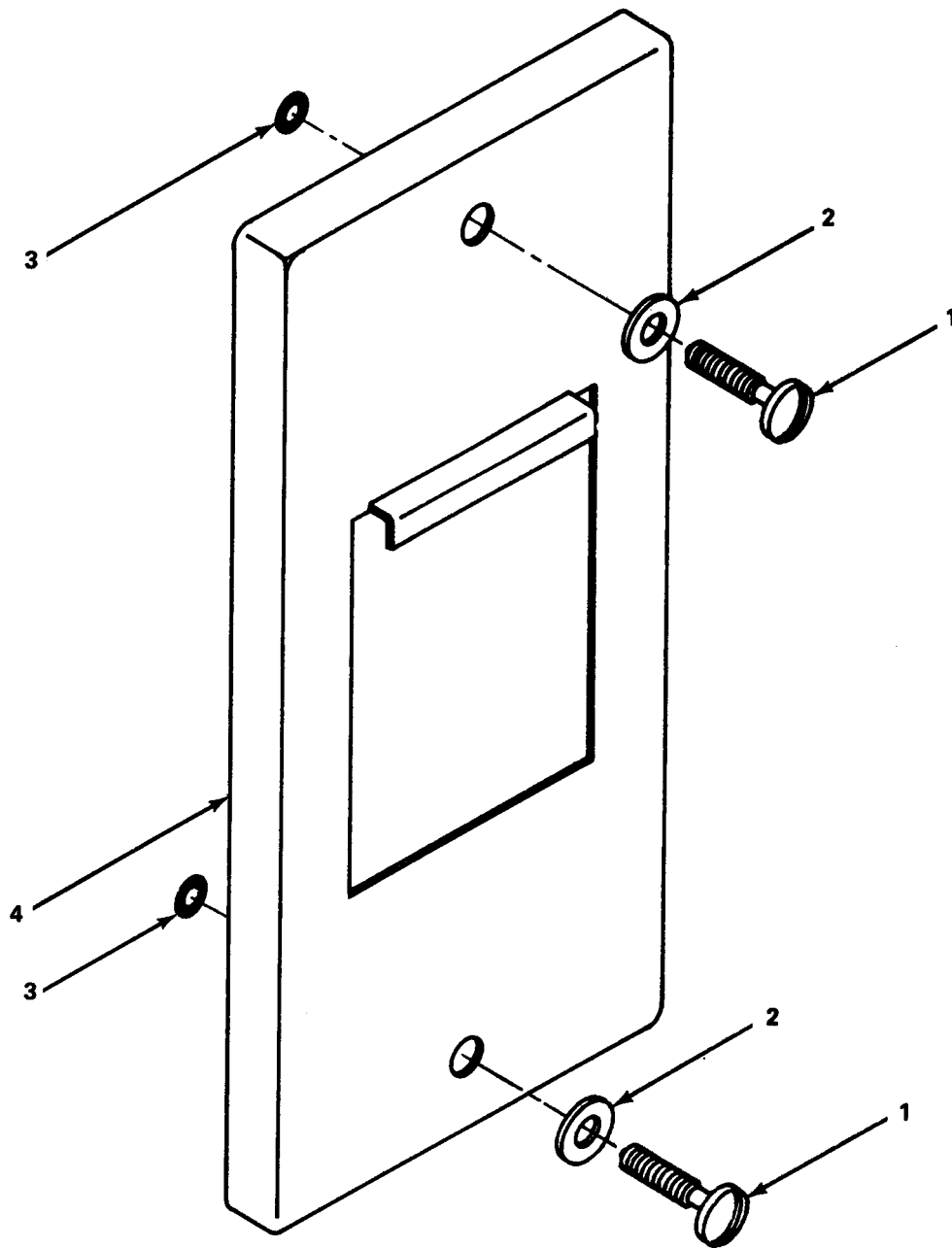
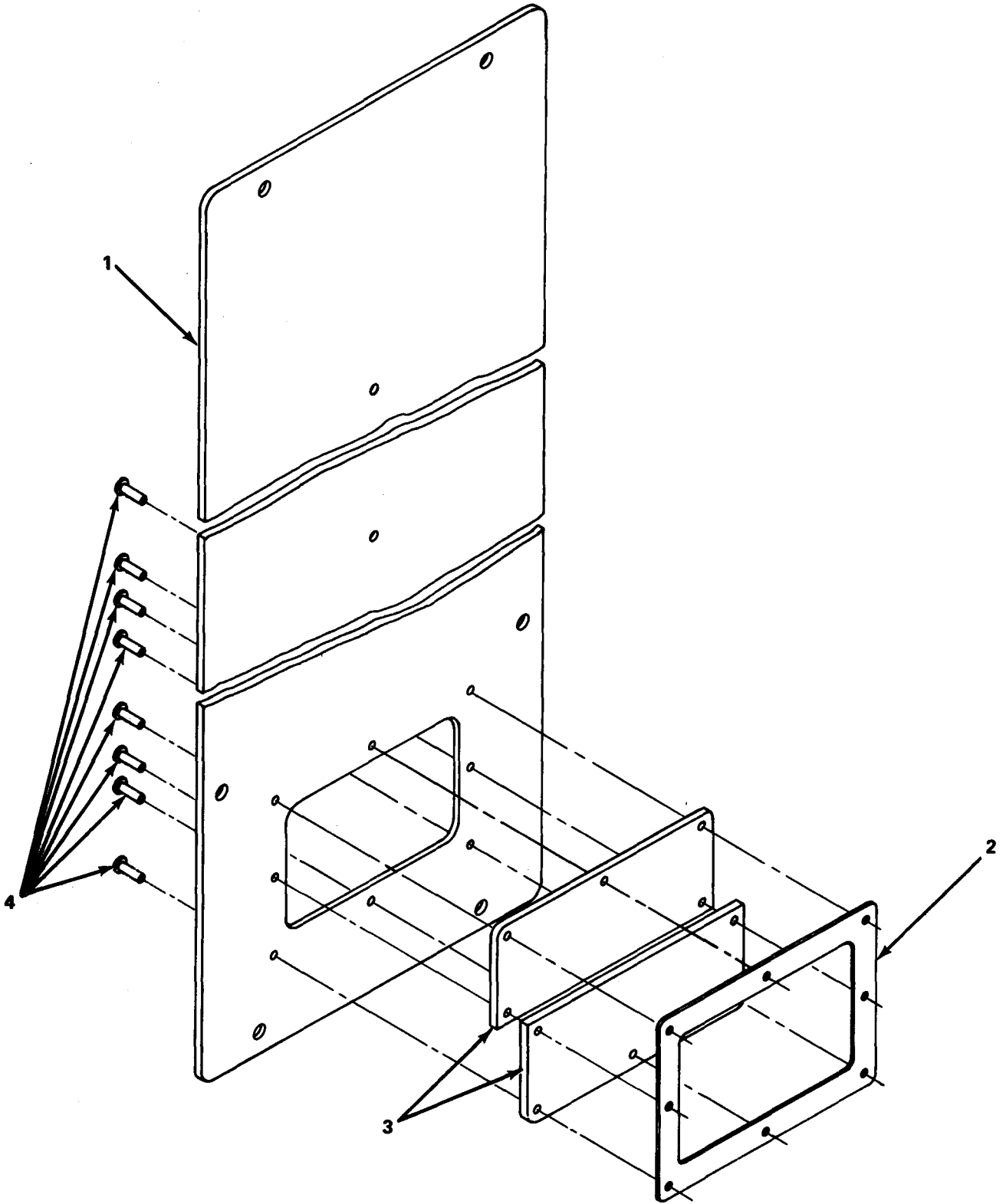


Figure E-11. Cover Assembly, Circuit Breaker

(1) ILLUSTRATION	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO	(B) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M INC IN UNIT
E-11	REF		0283-2-2806-2	15942	GROUP:020501	COVER ASSY, CIRCUIT BREAKER (SEE FIG. E-10-11)	
E-11	1	PAFZZ	5305-00-059-3663	MS51958-67	96906	SCREW, MACHINE, PAN, HD., NO. 10-32 UNF X 1.0 IN. LG.	EA 2
E-11	1	XA		0283-2-2807	15942	SCREW, COVER, ALTERED	EA 2
E-11	2	PAFZZ	5310-00-550-5054	MS15795-809	96906	WASHER, FLAT, NO. 10	EA 2
E-11	3	PAFZZ	5330-00-618-3447	MS9021-008	96906	PACKING, PREFORMED	EA 2
E-11	4	XA		0283-2-3802-2	15942	COVER, CIRCUIT BREAKER	EA 1



(REAR VIEW)

Figure E-12. Telephone Mounting Panel

SECTION II. REPAIR PARTS LIST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION			PART NUMBER	FSCM	DESCRIPTION	U/M	QTY
(A) FIG NO	(B) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER				INC IN UNIT
					USABLE ON CODE		
E-12	REF		0283-4-3509	15942	GROUP:020502 TELEPHONE MTG. PANEL ASSY (SEE FIG. E-17-16 FOR NHA)		
E-12	1	XA	0283-4-3518	15942	MOUNTING PANEL	EA	1
E-12	2	XB FZZ	0283-4-2516	15942	CLAMP PLATE	EA	1
E-12	3	XB FZZ	0283-4-2517	15942	SEAL GASKET	EA	2
E-12	4	PA FZZ	5320-00-052-1972	AD45ABS	07707 POP RIVET	EA	8

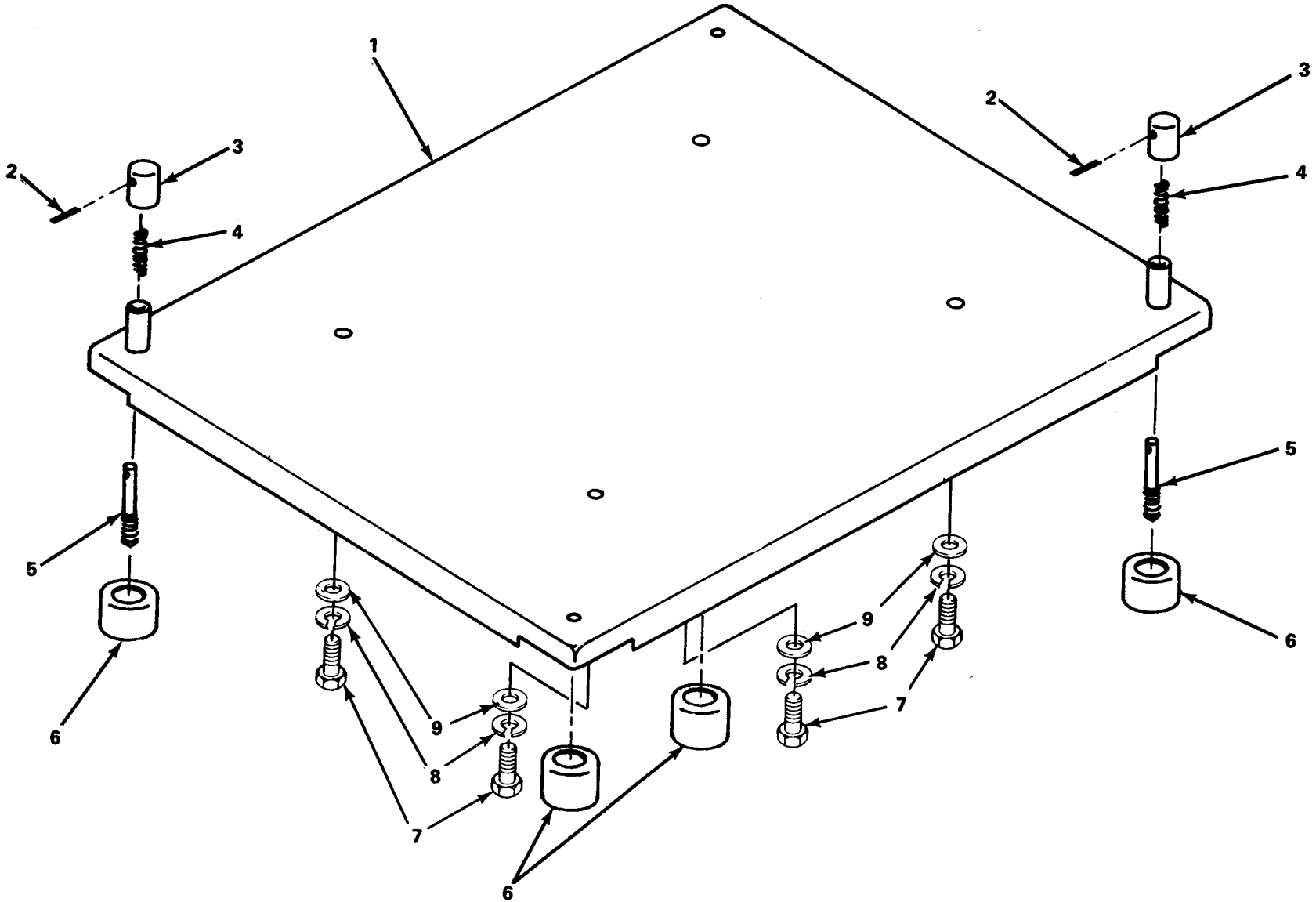


Figure E-13. Equipment Tray Assembly

SECTION II. REPAIR PARTS LIST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION							
(A)	(B)	NATIONAL	PART		DESCRIPTION	U/M	QTY
FIG	ITEM	STOCK	NUMBER	FSCM			INC
NO	NO	CODE					IN
		NUMBER					UNIT
					USABLE ON CODE		
E-13	REF		566-3-3961	15942	GROUP:0207-0507 EQUIPMENT TRAP ASSY (SEE FIG. E-1-5 FOR NHA)	V1,V2,V3,V4	EA 4
E-13	1	XA	566-3-3962	15942	TRAY		EA 1
E-13	2	PAFZZ	5315-00-841-4442	MS16562-224	96906	PIN SPRING	EA 2
E-13	3	PAFZZ	5355-00-784-1683	566-3-2960	15942	KNOB	EA 2
E-13	4	PAFZZ		566-3-2962	15942	SPRING	EA 2
E-13	5	PAFZZ	5315-00-163-5115	566-3-2961	15942	STUD	EA 2
E-13	6	PAFZZ	5325-00-276-5926	2595	70485	FOOT	EA 4
E-13	7	PAFZZ	5305-00-267-8974	MS90726-8	96906	1/4-20 X 1-1/2 IN. BOLTS	EA 4
E-13	8	PAFZZ	5310-00-582-5965	MS35338-44	96906	1/4 IN. LOCK WASHERS	EA 4
E-13	9	PAFZZ	5310-00-809-4058	MS21783-10	96906	1/4 IN. FLAT WASHERS	EA 4

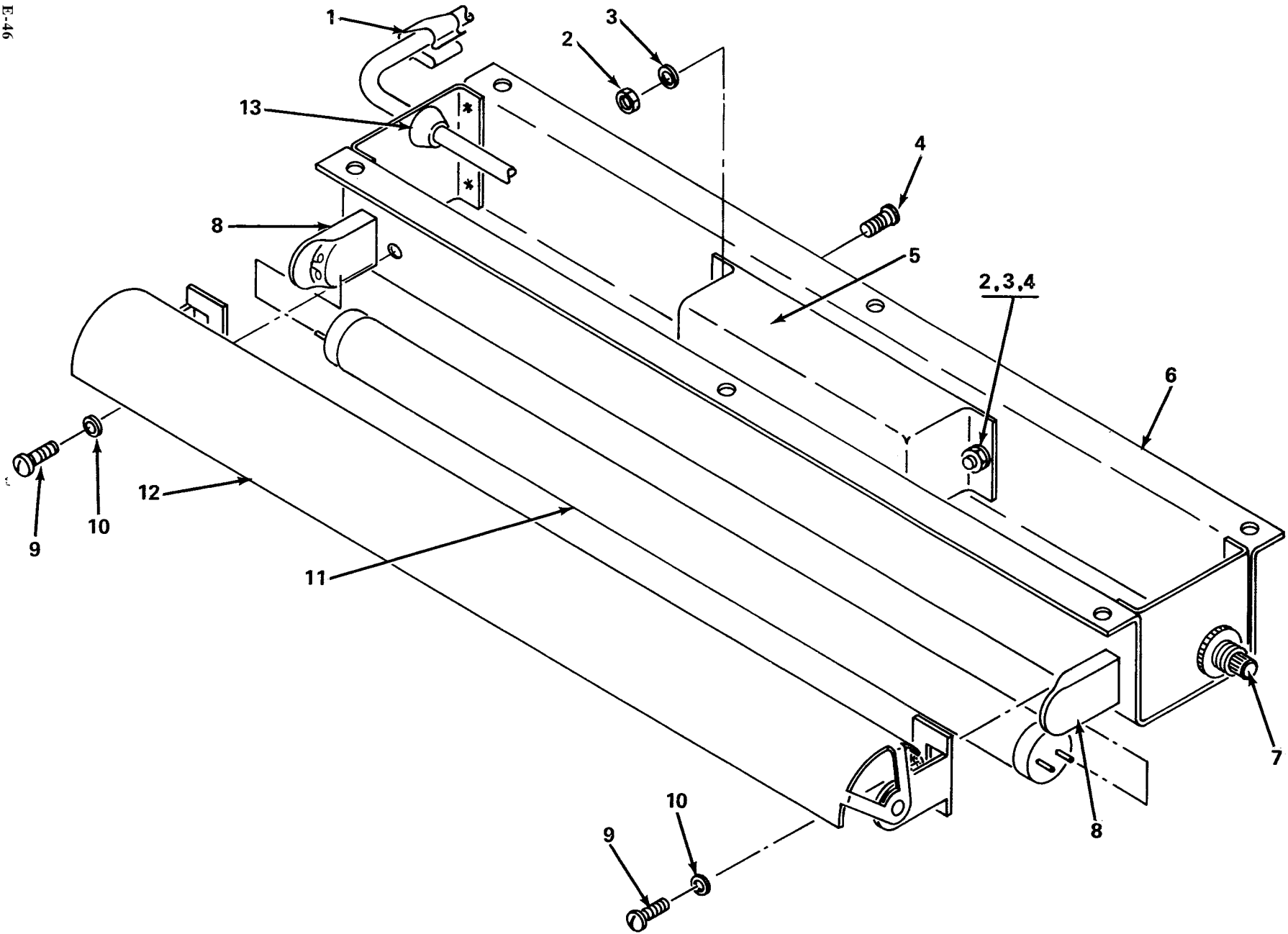


Figure E-14. Light Unit Assembly

SECTION II. REPAIR PARTS LIST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION							
(A)	(B)	SMR	NATIONAL STOCK	PART NUMBER	FSCM	DESCRIPTION	U/M QTY
FIG NO	ITEM NO	CODE	NUMBER				INC IN UNIT
							USABLE ON CODE
E-14	REF			0283-4-3533-2	15942	GROUP:0208, 0408 LIGHT UNIT ASSY (SEE FIG. E-4-17 FOR NHA)	
E-14	1	XBFZZ		C5484-017-1	78553	WIRE CLIP	EA 1
E-14	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-14	3	PAFZZ	5310-00-933-8120	MS35338-138	96906	WASHER, LOCK, NO. 10	EA 2
E-14	4	PAFZZ	5310-00-877-5797	MS21044N3	96906	NUT, SELF-LOCKING, HEX., NO. 10-32 UNF	EA 2
E-14	5	PAFZZ	6250-00-844-3854	R120	02241	BALLAST	EA 1
E-14	6	XA		0283-4-3519-2	15942	LIGHT UNIT HOUSING	EA 1
E-14	7	PAFZZ	5930-00-954-5872	579	75582	SWITCH	EA 1
E-14	8	XBFZZ		653W	63355	LAMPHOLDER	EA 2
E-14	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-14	10	PAFZZ	5310-00-929-6395	MS35338-136	96906	WASHER, LOCK, NO. 6	EA 2
E-14	11	PBOZZ	6240-00-224-1876	MS15589-3	96906	LAMP, FLUORESCENT, 15 W, 18 IN. LG.	EA 1
E-14	12	XBFZZ		HRC15	12084	REFLECTOR SHADE	EA 1
E-14	13	XBFZZ		722-0007	24618	STRAIN RELIEF	EA 1

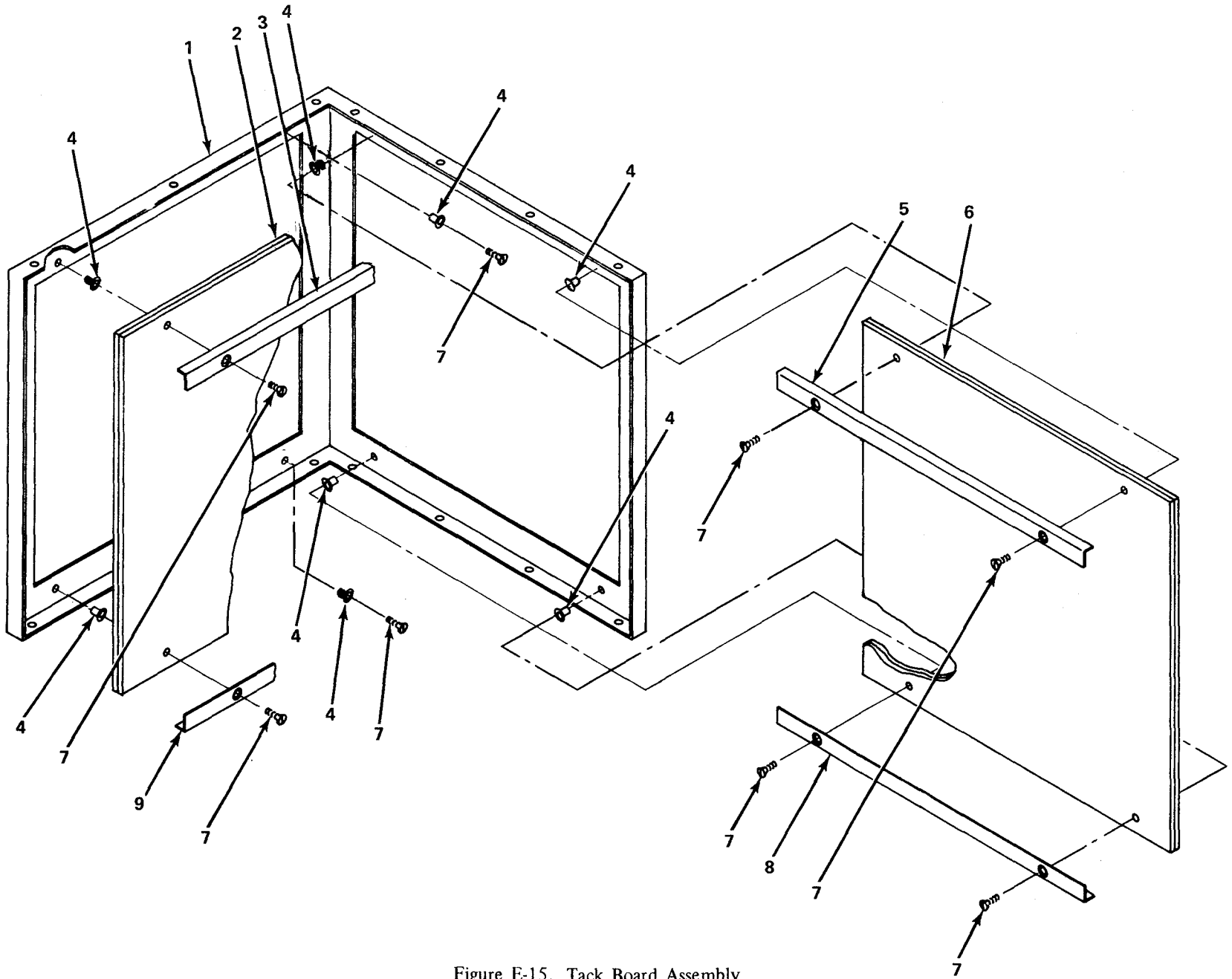


Figure E-15. Tack Board Assembly

SECTION II. REPAIR PARTS LIST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION		NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY
(A) FIG NO	(B) ITEM NO	SMR CODE					INC IN UNIT
						USABLE ON CODE	
E-15	REF		0283-4-4510	15942	GROUP:0209-0509 TACK BOARD ASSY (SEE FIG. E-4-16 FOR NHA)		
E-15	1	XBFZZ	0283-4-3517	15942	TACK BOARD FRAME	EA	1
E-15	2	XBFZZ	0283-4-2512	15942	TACK BOARD, REAR	EA	1
E-15	3	XBFZZ	0283-4-2514-2	15942	RETAINING ANGLE, REAR	EA	1
E-15	4	PAFZZ	5310-00-180-5117	S10-130	03481 RIVNUT	EA	8
E-15	5	XBFZZ	0283-4-2515-2	15942	RETAINING ANGLE, SIDE UPPER	EA	1
E-15	6	XBFZZ	0283-4-2513	15942	TACK BOARD, SIDE	EA	1
E-15	7	PAFZZ	5305-00-071-1326	MS51960-69	96906 SCREW, MACHINE, FLAT HD., NO. 10-32 UNF X 1.0 IN. LG.	EA	8
E-15	8	XBFZZ	0283-4-2515-1	15942	RETAINING ANGLE, SIDE LOWER	EA	1
E-15	9	XBFZZ	0283-4-2514-1	15942	RETAINING ANGLE, REAR LOWER	EA	1

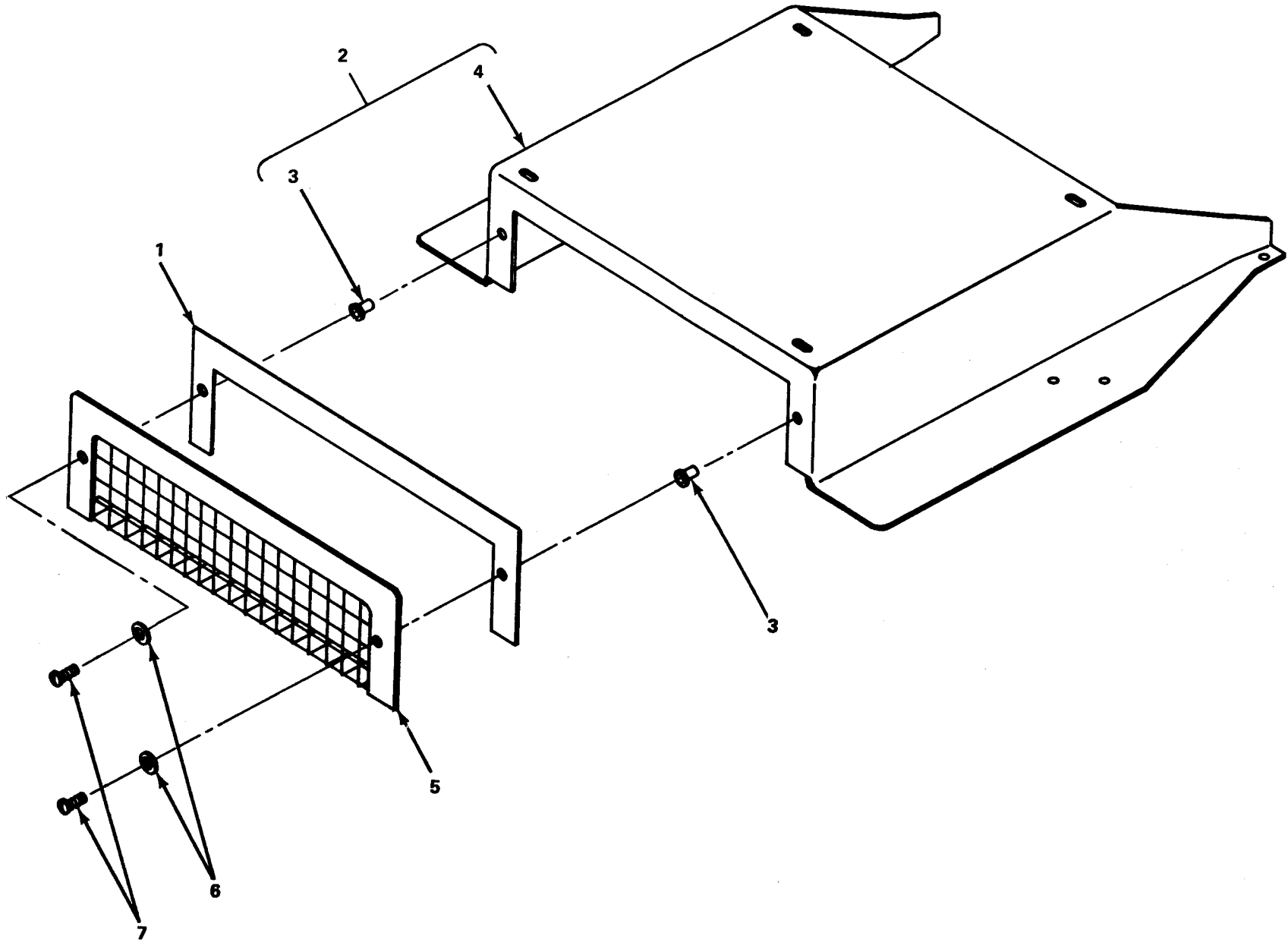


Figure E-16. Base and Air Duct Assembly

SECTION II. REPAIR PARTS LIST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION							
(A)	(B)	SMR	NATIONAL STOCK	PART NUMBER	FSCM	DESCRIPTION	U/M QTY
FIG NO	ITEM NO	CODE	NUMBER				INC IN UNIT
						USABLE ON CODE	
E-16	REF			0283-4-3508	15942	GROUP:0210-0510 BASE AND AIR DUCT ASSY (SEE FIG. E-4-11 AND E-17-13 FOR NHA)	
E-16	1	XBFZZ		0283-4-3508-3	15942	GASKET STRIP	EA 1
E-16	2	XA		0283-4-3511	15942	AIR DUCT, CABINET BASE	EA 1
E-16	3	PAFZZ	5310-00-180-5117	S10-130	03481	RIVNUT	EA 2
E-16	4	XA		0283-4-3511-1	15942	BASE	EA 1
E-16	5	XBFZZ		0283-4-3512	15942	FACE PLATE SCREEN	EA 1
E-16	6	PAFZZ	5310-00-933-8120	MS35338-138	96906	WASHER, LOCK, NO.10	EA 2
E-16	7	PAFZZ	5305-00-059-3659	MS51958-63	96906	SCREW, MACHINE, PAN. HD., NO. 10-32 UNF X 1/2 IN. LG.	EA 2

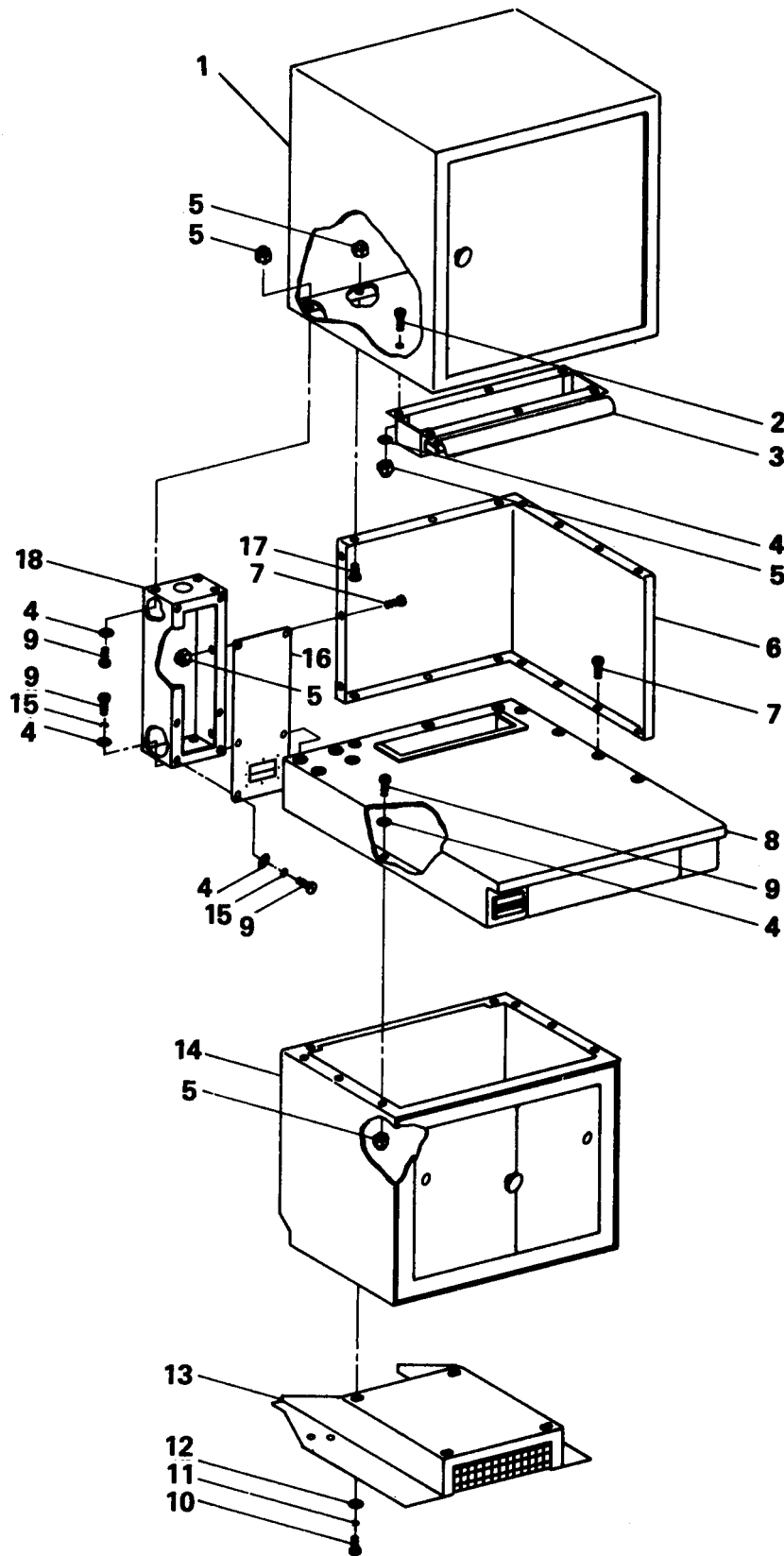


Figure E-17. Corner Console Assembly

TM32-5895-248-14&P
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 NUMBER	FSCM	DESCRIPTION	U/M QTY INC IN UNIT
E-17	REF			0283-4-4506-5	15942	GROUP:03 CORNER CONSOLE ASSY NO.2 (SEE FIG. E-1-27 FOR NHA)	V1,V2,V3,V4
E-17	REF			0283-4-4506-3	15942	GROUP:05 CORNER CONSOLE ASSY NO.4 (SEE FIG. E-1-35 FOR NHA)	V1,V2,V3,V4
E-17	1	XBFFF		0283-4-4513-1	15942	UPPER CABINET ASSY (SEE FIG. E-18 FOR BREAKDOWN)	EA 1
E-17	2	PAFZZ	5305-00-059-3659	MS51958-63	96906	SCREW, MACHINE, PAN. HD., NO.10-32 UNF X 1/2 IN. LG.	EA 6
E-17	3	XBFFF		0283-4-3533-1	15942	LIGHT UNIT ASSY (SEE FIG. E-14 FOR BREAKDOWN)	EA 1
E-17	4	PAFZZ	5310-00-550-5054	MS15795-809	96906	WASHER, FLAT, NO.10	EA 27
E-17	5	PAFZZ	5310-00-877-5797	MS21044N3	96906	NUT, SELF-LOCKING, HEX., NO. 10-32 UNF	EA 24
E-17	6	XBFFF		0283-4-4510	15942	TACK BOARD ASSY (SEE FIG. E-15 FOR BREAKDOWN)	EA 1
E-17	7	PAFZZ	5305-00-995-0437	MS51960-66	96906	SCREW, MACHINE, FLAT HD., NO. 10-32 UNF X 5/8 IN. LG.	EA 10
E-17	8	XBFFF		0283-4-4509-3	15942	GROUP:0503 WORK SURFACE ASSY (USED WITH 0283-4-4506-3)(SEE FIG. E-19 FOR BREAKDOWN)	EA 1
E-17	8	XBFFF		0283-4-4509-5	15942	GROUP:0303 WORK SURFACE ASSY (USED WITH 0283-4-4506-5)(SEE FIG. E-19 FOR BREAKDOWN)	EA 1
E-17	9	PAFZZ	5305-00-059-3660	MS51958-64	96906	SCREW, MACHINE, PAN. HD., NO. 10-32 UNF X 5/8 IN. LG.	EA 21
E-17	10	PAFZZ	5305-00-702-4523	MS35307-306	96906	SCREW, CAP, HEX, HD., 1/4-20 UNC X 3/4 IN. LG.	EA 4
E-17	11	PAFZZ	5310-00-933-8121	MS35338-139	96906	WASHER, LOCK, 1/4 IN. LG.	EA 4
E-17	12	PAFZZ	5310-00-582-5677	MS51795-810	96906	WASHER, FLAT, 1/4 IN. LG.	EA 4
E-17	13	XBFFF		0283-4-3508	15942	BASE AND AIR DUCT ASSY (SEE FIG. E-16 FOR BREAKDOWN)	EA 1
E-17	14	XBFFF		0283-4-4508-1	15942	GROUP:0302,0502 LOWER CABINET ASSY (SEE FIG. E-7 FOR BREAKDOWN)	EA 1

TM32-5895-248-14&P
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 NUMBER	FSCM	DESCRIPTION	U/M QTY INC IN UNIT
E-17	15	PAFZZ	5310-00-933-8120	MS35338-138	96906	WASHER, LOCK, NO. 10	EA 10
E-17	16	XBFFF		0283-4-3509	15942	TELEPHONE MTG. PANEL ASSY (SEE FIG. E-12 FOR BREAKDOWN)	EA 1
E-17	17	PAFZZ	5305-00-071-1322	MS51960-65	96906	SCREW, MACHINE, FLAT HD., NO.10-32 UNF X 1/2 IN. LG.	EA 7
E-17	18	XBFFF		0283-4-4511-6	15942	GROUP:0305 ELECTRICAL DUCT EXTENSION ASSY (USED WITH 0283-4-4506-5) (SEE FIG. E-21 FOR BREAKDOWN)	EA 1
E-17	18	XBFFF		0283-4-4511-3	15942	GROUP:0505 ELECTRICAL DUCT EXTENSION ASSY (USED WITH 0283-4-4506-3) (SEE FIG. E-23 FOR BREAKDOWN)	EA 1

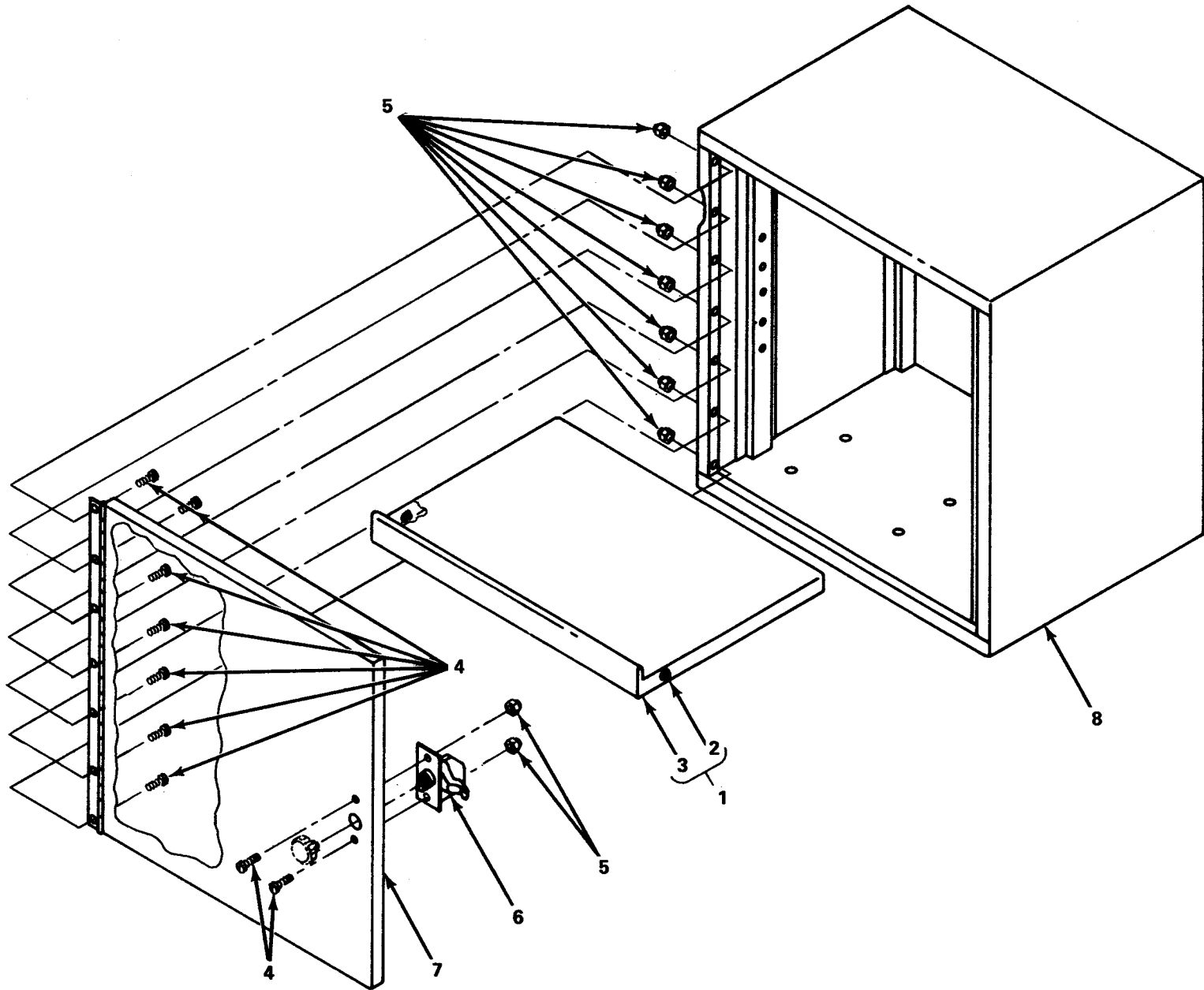


Figure E-18. Upper Cabinet Assembly

TM32-5895-248-14&P
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 NUMBER	FSCM	DESCRIPTION	U/M QTY INC IN UNIT
E-18	REF			0283-4-4513-1	15942	GROUP:0301,0501 UPPER CABINET ASSY (SEE FIG. E-17-1 FOR NHA)	
E-18	1	XBFZZ		0283-4-2520	15942	SHELF ASSY	EA 1
E-18	2	PAFZZ	5325-00-491-1402	56-10-801-10	94222	PLUNGER, SPRING LOADED	EA 1
E-18	3	XA		0283-4-2520-1	15942	SHELF	EA 1
E-18	4	PAFZZ	5305-00-054-6654	MS51957-30	96906	SCREW, MACHINE, PAN. HD., NO.6-32 UNC X 1/2 IN. LG.	EA 9
E-18	5	PAFZZ	5310-00-081-8087	MS21044N06	96906	NUT, SELF-LOCKING, HEX., NO. 6-32 UNC	EA 9
E-18	6	PAFZZ	5340-00-070-2066	44-99-116-13	94222	ADJUSTABLE PAWL FASTENER	EA 1
E-18	7	XBFZZ		0283-4-4521-1	15942	DOOR ASSY, UPPER CABINET	EA 1
E-18	8	XA		0283-4520-1	15942	UPPER CABINET ASSY	EA 1

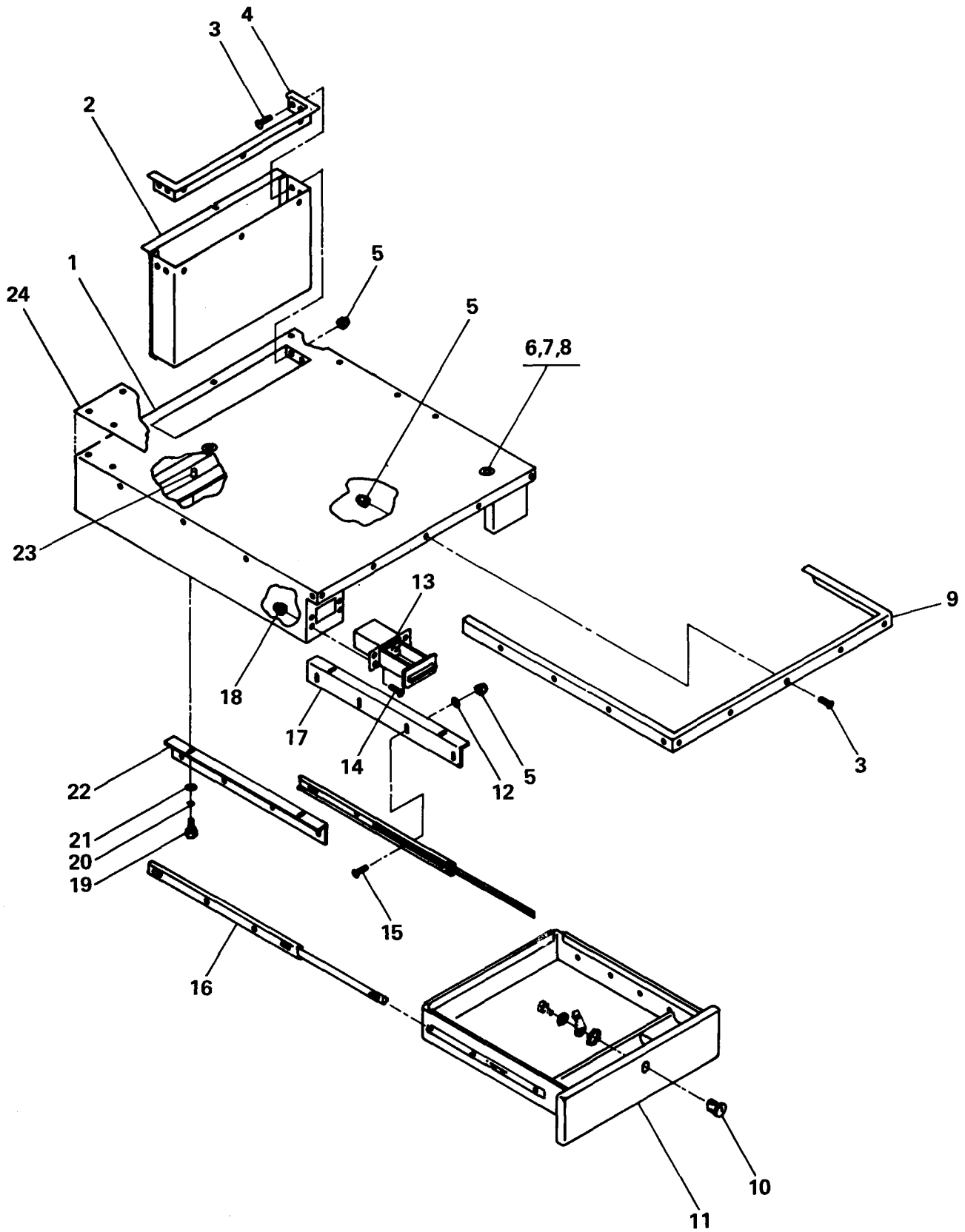


Figure E-19. Work Surface Assembly

TM32-5895-248-14&P
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 NUMBER	FSCM	DESCRIPTION	U/M QTY INC IN UNIT
E-19	REF			0283-4-4509-3	15942	GROUP:0303 WORK SURFACE ASSY (SEE FIG. E-17-8 FOR NHA)	V1,V2,V3,V4
E-19	REF			0283-4-4509-5	15942	GROUP:0503 WORK SURFACE ASSY (SEE FIG. E-17-8 FOR NHA)	V1,V2,V3,V4
E-19	1	XA		0283-4-4517-3	15942	WORK SURFACE WELDMENT (USED WITH 0283-4-4509-3)	EA 1
E-19	1	XA		0283-4-4517-5	15942	WORK SURFACE WELDMENT (USED WITH 0283-4-4509-5)	EA 1
E-19	2	XBFZZ		0283-4-3515-1	15942	FILE FOLDER WELL	EA 1
E-19	3	PAFZZ	5305-00-054-6652	MS51957-28	96906	SCREW, MACHINE, PAN. HD., NO.6-32 UNC X 3/8 IN. LG.	EA 26
E-19	4	XBFZZ		0283-4-2510	15942	FILE FOLDER WELL EDGE TRIM	EA 1
E-19	5	PAFZZ	5310-00-081-8087	MS21044N06	96906	NUT, SELF-LOCKING, NO.6-32 UNC	EA 34
E-19	6	PAFZZ	5310-00-854-9382	MS25092B11	96906	NUT, PLAIN, HEX., ELECTRICAL THIN, 5/8-24 UNEF	EA 2
E-19	7	PAFZZ	5310-00-614-3505	MS15795-820	96906	WASHER, FLAT, 5/8 IN.	EA 2
E-19	8	XBFZZ		566-3-2966	15942	SOCKET, TIEDOWN	EA 2
E-19	9	XBFZZ		0283-4-3514-3	15942	EDGE TRIM (USED WITH 0283-4-4509-5)	EA 1
E-19	9	XBFZZ		0283-4-3514-1	15942	EDGE TRIM (USED WITH 0283-4-4509-3)	EA 1
E-19	10	XBFZZ		15752XC5L	14068	LOCK, DISC TUMBLER	EA 1
E-19	11	XBFZZ		0283-4-3516	15942	DRAWER	EA 1
E-19	12	PAFZZ	5310-00-880-5978	MS15795-807	96906	WASHER, FLAT, NO.6	EA 8
E-19	13	XBFZZ		566-1-2006	15942	ASH RECEIVER	EA 1
E-19	13	XBFZZ		2A11940	72882	ASH RECEIVER	EA 1
E-19	14	PAFZZ	5305-00-054-5651	MS51957-17	96906	SCREW, MACHINE, PAN. HD., NO.4-40 UNC X 1/2 IN. LG.	EA 4
E-19	15	PAFZZ	5305-00-719-5064	MS51959-30	96906	SCREW, MACHINE, FLAT HD., NO. 6-32 UNC X 1/2 IN. LG.	EA 8

SECTION II. REPAIR PARTS LIST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION								
(A)	(B)	SMR	NATIONAL STOCK	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY
FIG NO	ITEM NO	CODE	NUMBER					INC IN UNIT
							USABLE ON CODE	
E-19	16	XBFZZ		320X18INLG	83508	FULL EXTENSION PAIR	EA	1
E-19	17	XBFZZ		0283-4-2511-1	15942	DRAWER SLIDE SUPPORT ANGLE, LH	EA	1
E-19	18	PAFZZ	5310-00-088-0551	MS21044N04	96906	NUT, SELF-LOCKING, HEX., NO. 4-40 UNC	EA	4
E-19	19	PAFZZ		10-32X3-4CRES	70318	SCREW, CAP, HEX. HD., CRES, NO.10-32 UNF X 3/4 IN. LG.	EA	4
E-19	20	PAFZZ	5310-00-933-8120	MS35338-138	96906	WASHER, LOCK, NO. 10	EA	4
E-19	21	PAFZZ	5310-00-550-5054	MS15795-809	96906	WASHER, FLAT, NO. 10	EA	4
E-19	22	XBFZZ		0283-4-2511-2	15942	DRAWER SLIDE SUPPORT ANGLE, RH	EA	1
E-19	23	PAFZZ	5310-00-180-5117	S10-130	03481	RIVNUT (USED WITH 0283-4-4517-3)	EA	27
E-19	23	PAFZZ	5310-00-180-5117	S10-130	03481	RIVNUT (USED WITH 0283-4-4517-5)	EA	19
E-19	24	XBFZZ		0283-4-3513-1	15942	COVER	EA	1

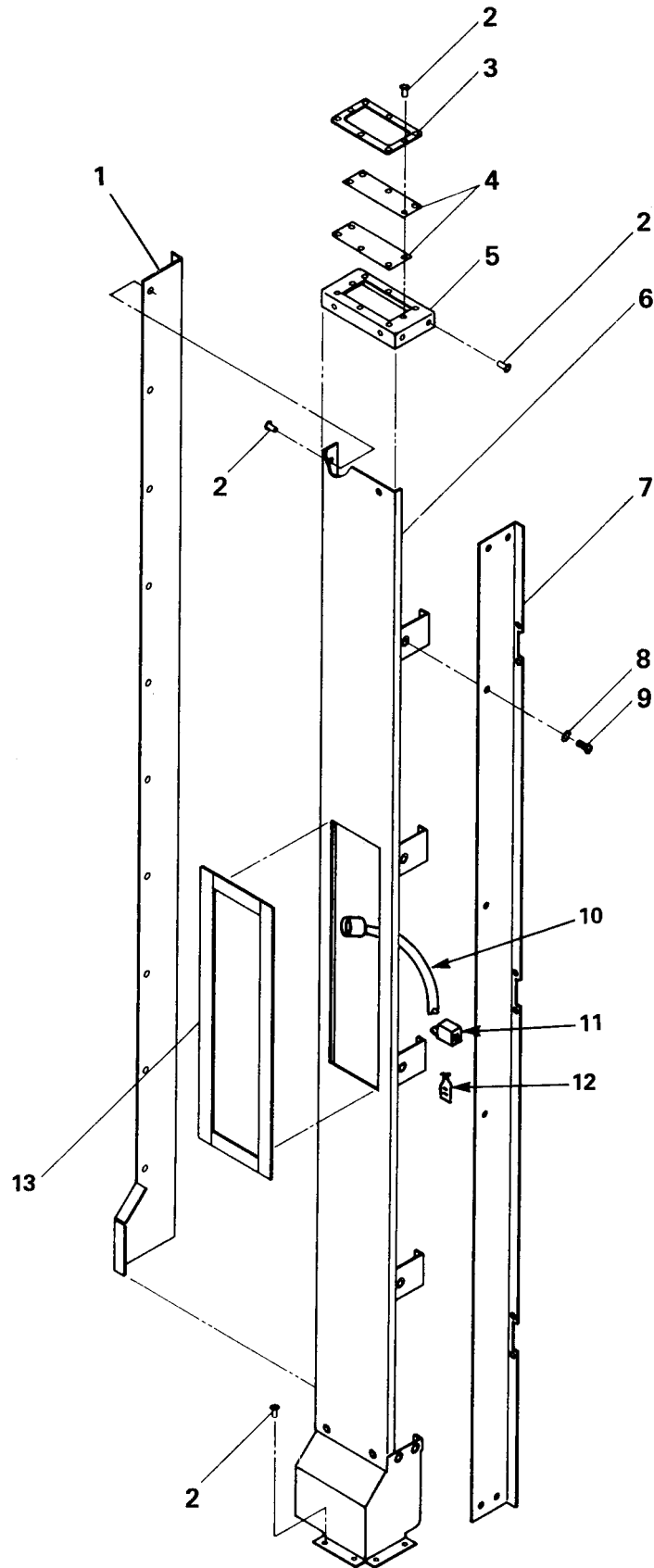


Figure E-20. Electrical Duct Installation

TM32-5895-248-14&P
SECTION II. REPAIR PARTS LIST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION		NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY
(A) FIG NO	(B) ITEM NO	SMR CODE					INC IN UNIT
							USABLE ON CODE
E-20	REF		0283-4-4504-1	15942	GROUP:0304,0504 ELECTRICAL DUCT INSTALLA- TION (SEE FIG. E-1-40 FOR NHA)		
E-20	1	XBFZZ	0283-4-3566-1	15942	SIDE PLATE	EA	1
E-20	2	PAFZZ	5320-00-904-4136 M24243/1-B403	81349	POP RIVET	EA	33
E-20	3	XBFZZ	0283-4-2516	15942	CLAMP PLATE	EA	1
E-20	4	XBFZZ	0283-4-2517	15942	SEAL GASKET	EA	2
E-20	5	XBFZZ	0283-4-3507-1	15942	ELECTRICAL DUST CAP	EA	1
E-20	6	XA	0283-4-3506-1	15942	ELECTRICAL DUCT WELDMENT	EA	1
E-20	7	XBFZZ	0283-4-2506-1	15942	SIDE ACCESS PLATE	EA	1
E-20	8	PAFZZ	5310-00-933-8120 MS35338-138	96906	WASHER, LOCK, NO.10	EA	14
E-20	9	PAFZZ	5305-00-059-3659 MS51958-63	96906	SCREW, MACHINE, PAN. HD., NO.10-32 UNF X 1/2 IN. LG.	EA	14
E-20	10	XBFZZ	0283-4-2560-1	15942	GROUP:11 WIRING HARNESS (SEE FIG E-37 FOR BREAKDOWN)	EA	1
E-20	11	XBFZZ	B0471	14726	CONNECTOR, BUTT (USED IN CORNER CONSOLE 1 INSTALLATION)	EA	1
E-20	12	XBFZZ	S09011	14726	LUG, TERMINAL, SLIP-ON (USED IN CORNER CONSOLE 3 INSTALLATION)	EA	1
E-20	13	XBFZZ	0283-4-4504-14	15942	GASKET	EA	1

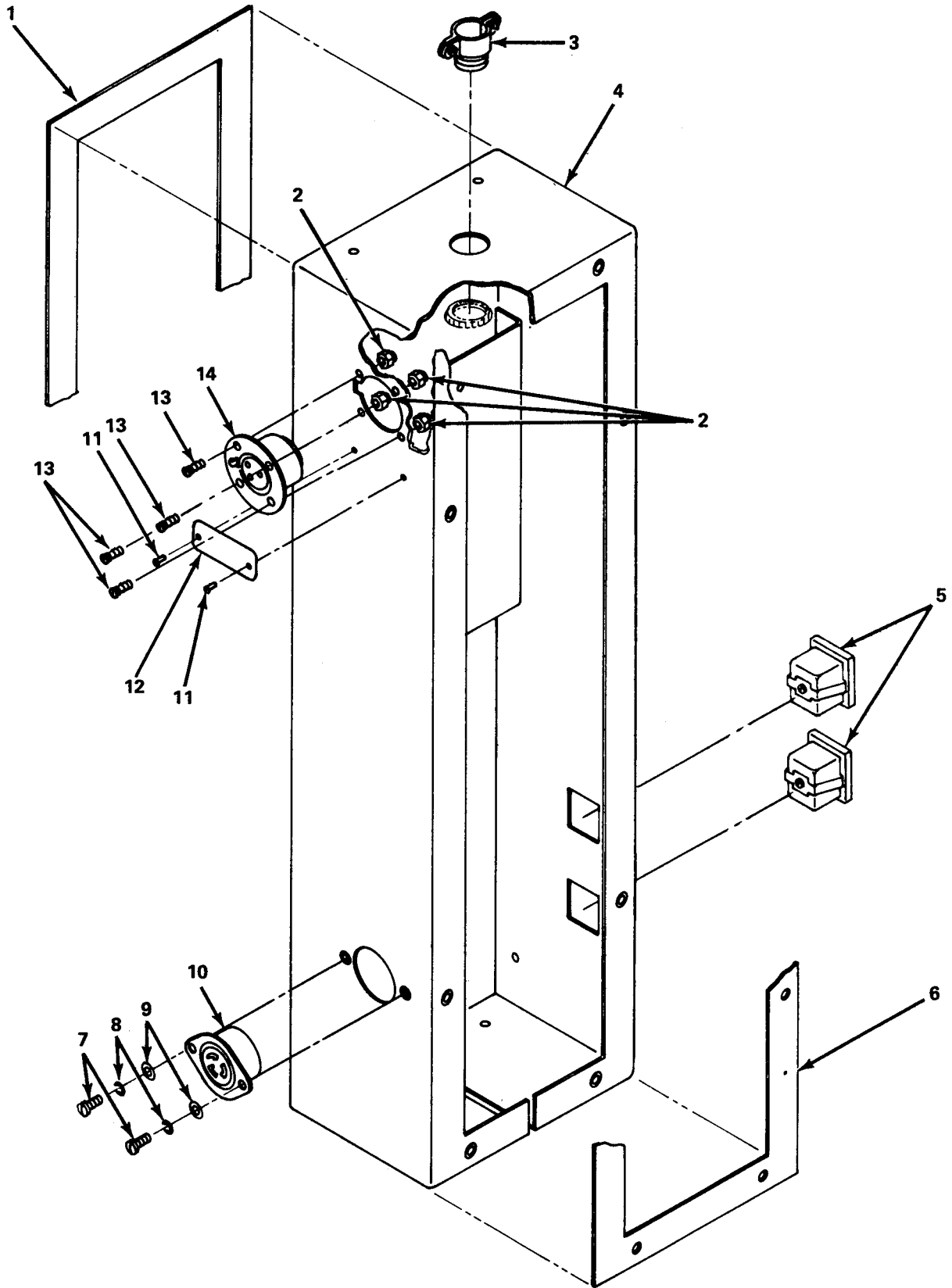


Figure E-21. Electrical Duct Extension Assembly

TM32-5895-248-14&P
SECTION II. REPAIR PARTS LIST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION							
(A)	(B)	SMR	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M QTY INC IN UNIT
FIG NO	ITEM NO	CODE					USABLE ON CODE
E-21	REF			0283-4-4511-6	15942	GROUP;0305 ELECTRICAL DUCT EXTENSION ASSY (SEE FIG. E-17-18 FOR NHA)	V1,V2,V3,V4
E-21	1	XBFZZ		0283-4-4511-36	15942	GASKET STRIP	EA 1
E-21	2	PAFZZ	5310-00-088-0551	MS21044N04	96906	NUT, SELF-LOCKING, HEX., NO. 4-40 UNC	EA 4
E-21	3	PAFZZ	5975-00-152-1144	3302	59730	CABLE FITTING	EA 1
E-21	4	XBFFF		0283-4-4518-6	15942	ELECTRICAL DUCT EXTENSION	EA 1
E-21	5	PAFZZ	5935-00-432-7733	1369	75582	CONVENIENCE OUTLET	EA 2
E-21	6	XBFZZ		0283-4-4511-25	15942	GASKET STRIP	EA 1
E-21	7	PAFZZ	5305-00-054-6654	MS51957-30	96906	SCREW,MACHINE, PAN.HD., NO.6-32 UNC X 1/2 IN. LG.	EA 2
E-21	8	PAFZZ	5310-00-929-6395	MS35338-136	96906	WASHER, LOCK, NO.6	EA 2
E-21	9	PAFZZ	5310-00-880-5978	MS15795-807	96906	WASHER, FLAT, NO.6	EA 2
E-21	10	PAFZZ	5935-00-241-0355	7526	74545	RECEPTACLE	EA 1
E-21	11	PAFZZ	5305-00-253-5604	MS21318-2	96906	DRIVE SCREW	EA 2
E-21	12	XBFZZ		0283-4-2615-1	15942	NAMEPLATE	EA 1
E-21	13	PAFZZ	5305-00-770-2579	MS51959-15	96906	SCREW, MACHINE, FLAT HD., NO. 4-40 UNC X 3/8 IN. LG.	EA 4
E-21	14	PAFZZ	5935-00-257-7641	P3-13	71468	RECEPTACLE	EA 1

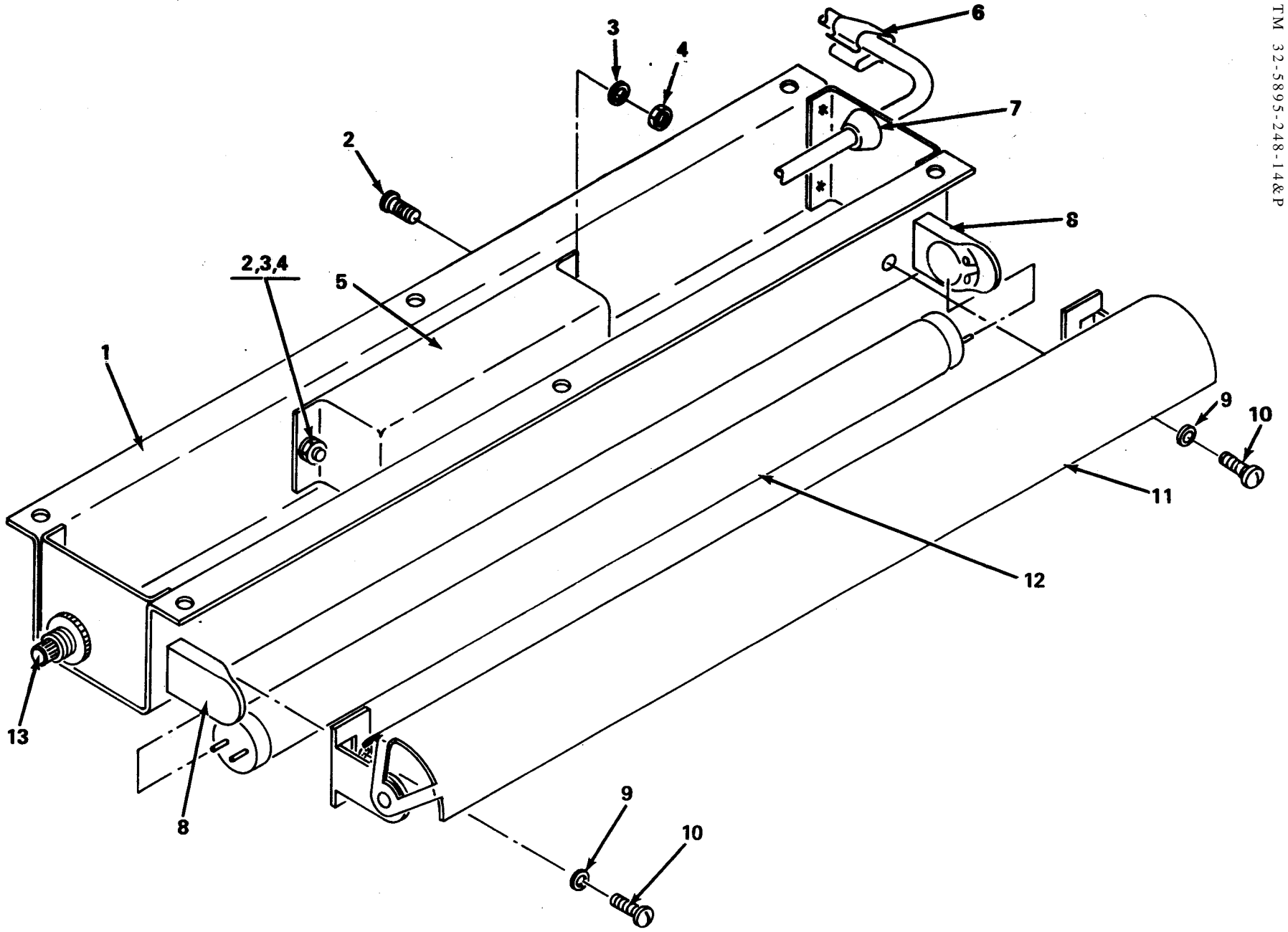


Figure E-22. Light Unit Assembly

TM32-5895-248-14&P
SECTION II. REPAIR PARTS LIST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION							
(A)	(B)	SMR	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M QTY INC IN UNIT
FIG NO	ITEM NO	CODE					
							USABLE ON CODE
E-22	REF			0283-4-3533-1	15942	GROUP:0308,0508,0604 LIGHT UNIT ASSY (SEE FIG. E-17-3 AND E-25-13 FOR NHA)	
E-22	1	XA		0283-4-3519-1	15942	LIGHT UNIT HOUSING	EA 1
E-22	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-22	3	PAFZZ	5310-00-933-8120	MS35338-138	96906	WASHER, LOCK, NO.10	EA 2
E-22	4	PAFZZ	5310-00-877-5797	MS21044N3	96906	NUT, SELF-LOCKING, HEX., NO. 10-32 UNF	EA 2
E-22	5	PAFZZ	6250-00-844-3854	R120	02241	BALLAST	EA 1
E-22	6	XBFFZ		C5484-017-1	78553	WIRE CLIP	EA 1
E-22	7	XBFFZ		722-0007	24618	STRAIN RELIEF	EA 1
E-22	8	XBFFZ		653W	63355	LAMPHOLDER 653 W	EA 2
E-22	9	PAFZZ	5310-00-929-6395	MS35338-136	96906	WASHER, LOCK, NO.6	EA 2
E-22	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-22	11	XBFFZ		HRC15	12084	REFLECTOR SHADE	EA 1
E-22	12	PBOZZ	6240-00-224-1876	MS15589-3	96906	LAMP, FLUORESCENT, 15 W, 18 IN. LG.	EA 1
E-22	13	PAFZZ	5930-00-954-5872	579	75582	SWITCH	EA 1

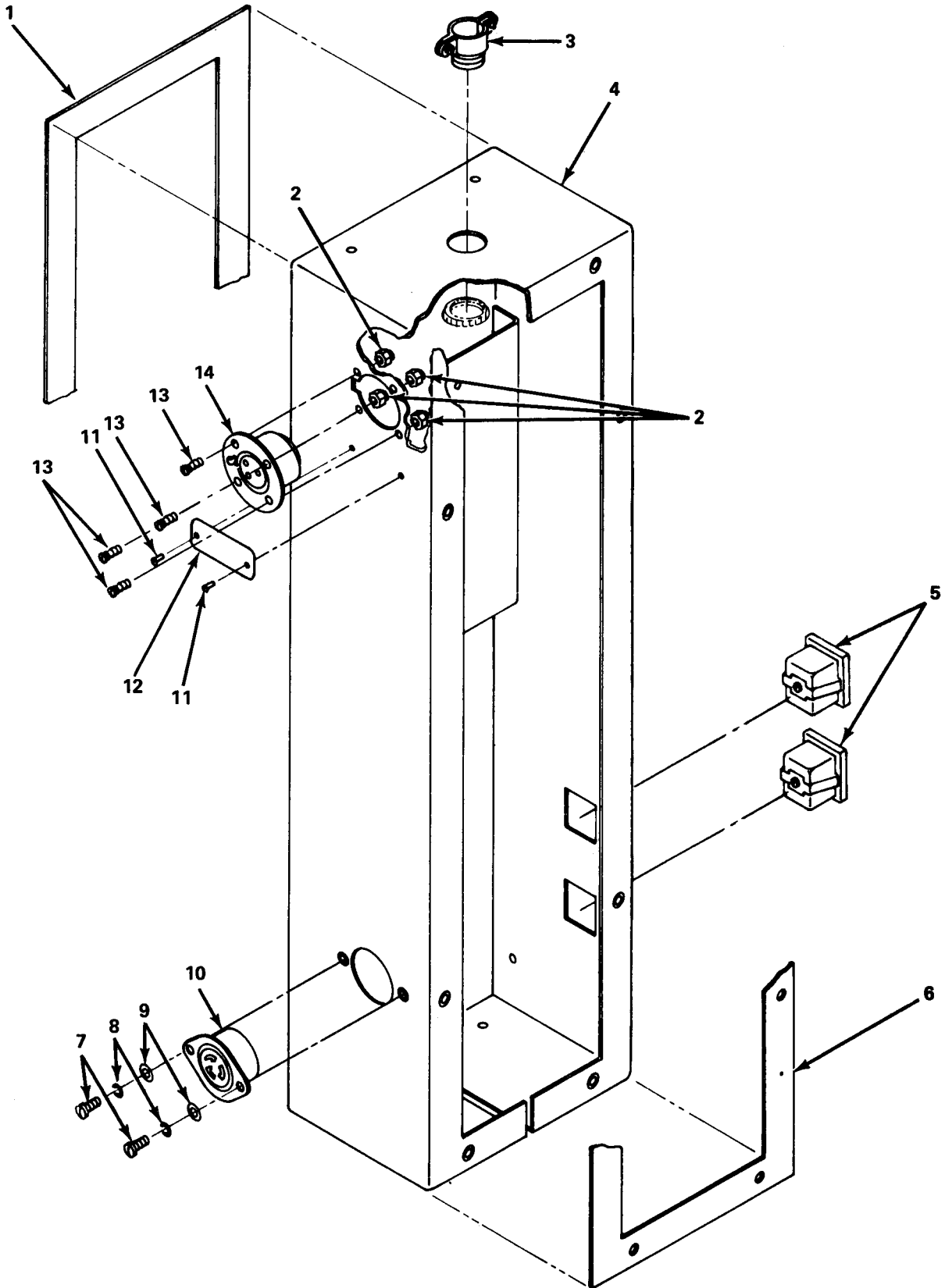


Figure E-23. Electrical Duct Extension Assembly

TM32-5895-248-14&P
SECTION II. REPAIR PARTS LIST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION								
(A)	(B)	SMR	NATIONAL STOCK	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY
FIG NO	ITEM NO	CODE	NUMBER					INC IN UNIT
							USABLE ON CODE	
E-23	REF			0283-4-4511-3	15942	GROUP;0405 ELECTRICAL DUCT EXTENSION ASSY (SEE FIG. E-17-18 FOR NHA)		
E-23	1	XBFZZ		0283-4-4511-36	15942	GASKET STRIP	EA	1
E-23	2	PAFZZ	5310-00-088-0551	MS21044N04	96906	NUT, SELF-LOCKING, HEX., NO. 4-40 UNC	EA	4
E-23	3	PAFZZ	5975-00-152-1144	3302	59730	CABLE FITTING	EA	1
E-23	4	XBFFF		0283-4-4518-3	15942	ELECTRICAL DUCT EXTENSION	EA	1
E-23	5	PAFZZ	5935-00-432-7733	1369	75582	CONVENIENCE OUTLET	EA	2
E-23	6	XBFZZ		0283-4-4511-25	15942	GASKET STRIP	EA	1
E-23	7	PAFZZ	5305-00-054-6654	MS51957-30	96906	SCREW, MACHINE, PAN. HD., NO.6-32 UNC X 1/2 IN. LG.	EA	2
E-23	8	PAFZZ	5310-00-929-6395	MS35338-136	96906	WASHER, LOCK, NO.6	EA	2
E-23	9	PAFZZ	5310-00-880-5978	MS15795-807	96906	WASHER, FLAT, NO.6	EA	2
E-23	10	PAFZZ	5935-00-241-0355	7526	74545	RECEPTACLE	EA	1
E-23	11	PAFZZ	5305-00-253-5604	MS21318-2	96906	DRIVE SCREW	EA	2
E-23	12	XBFZZ		0283-4-2615-1	15942	NAMEPLATE	EA	1
E-23	13	PAFZZ	5305-00-770-2579	MS51959-15	96906	SCREW, MACHINE, FLAT HD., NO. 4-40 UNC X 3/8 IN. LG.	EA	4
E-23	14	PAFZZ	5935-00-257-7641	P3-13	71468	RECEPTACLE	EA	1

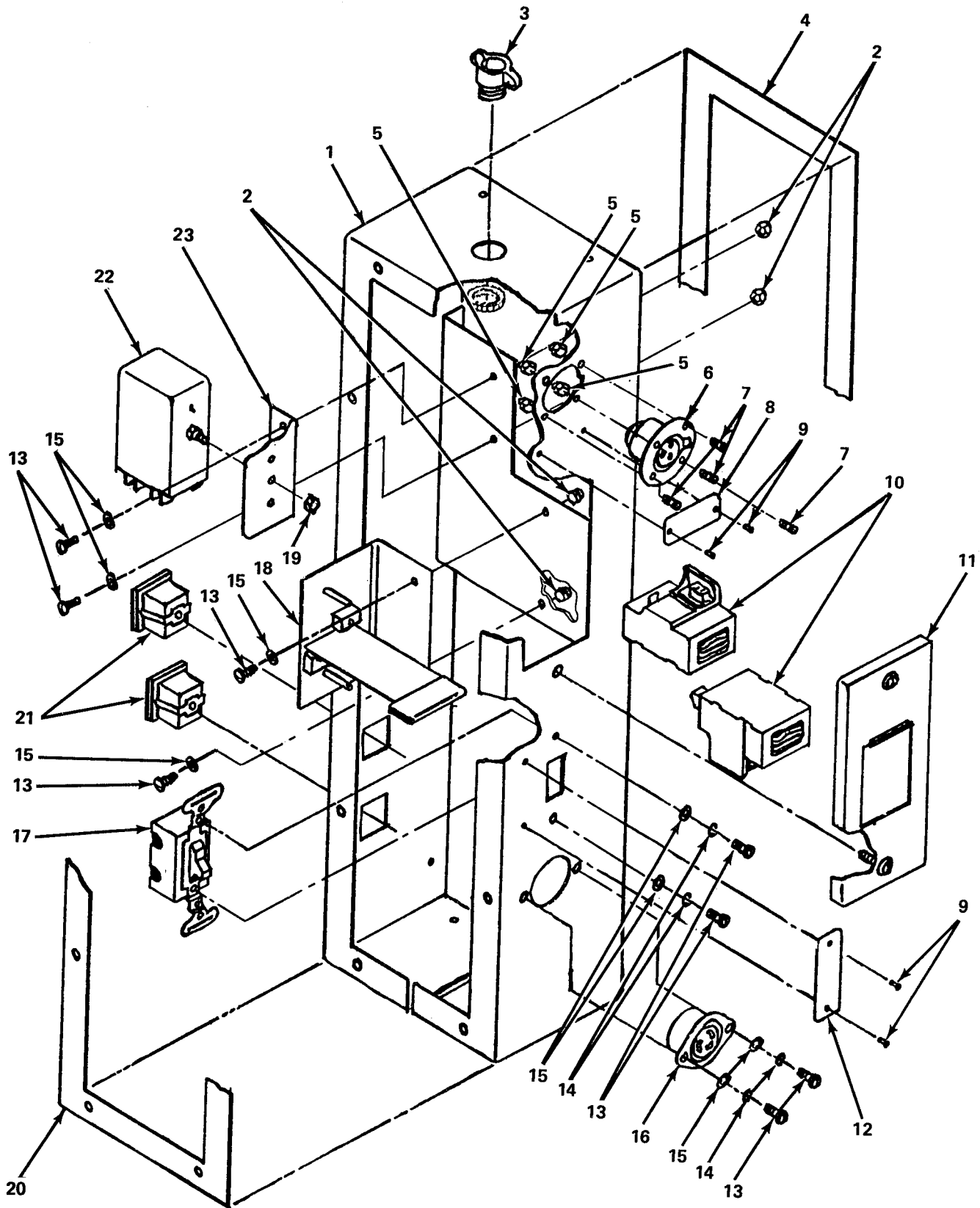


Figure E-24. Electrical Duct Extension Assembly

TM32-5895-248-14&P
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 NUMBER	FSCM	DESCRIPTION	U/M QTY INC IN UNIT
E-24	REF			0283-4-4511-2	15942	GROUP;0505 ELECTRICAL DUCT EXTENSION ASSY (SEE FIG. E-4-5 FOR NHA)	
E-24	1	XBFFF		0283-4-4518-2	15942	ELECTRICAL DUCT EXTENSION	EA 1
E-24	2	PAFZZ	5310-00-081-8087	MS21044N06	96906	NUT, SELF-LOCKING, NO. 6-32 UNC	EA 4
E-24	3	PAFZZ	5975-00-152-1144	3302	59730	CABLE FITTING	EA 1
E-24	4	XBFFZ		0283-4-4511-36	15942	GASKET STRIP	EA 1
E-24	5	PAFZZ	5310-00-088-0551	MS21044N04	96906	NUT, SELF-LOCKING, HEX., NO. 4-40 UNC	EA 4
E-24	6	PAFZZ	5935-00-257-7641	P3-13	71468	RECEPTACLE	EA 1
E-24	7	PAFZZ	5305-00-770-2579	MS51959-15	96906	SCREW, MACHINE, FLAT HD., NO. 4-40 UNC X 3/8 IN. LG.	EA 4
E-24	8	XBFFZ		0283-4-2615-1	15942	NAMEPLATE	EA 1
E-24	9	PAFZZ	5305-00-253-5604	MS21318-2	96906	DRIVE SCREW	EA 4
E-24	10	PAFZZ	5925-00-553-9899	P115	74193	CIRCUIT BREAKER, PUSHMATIC	EA 2
E-24	11	XBFFF		0283-2-2806-2	15942	COVER ASSY, CIRCUIT BREAKER (SEE FIG. E-11 FOR BREAKDOWN)	EA 1
E-24	12	XBFFZ		0283-2-2921-1	15942	NAMEPLATE	EA 1
E-24	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-24	14	PAFZZ	5310-00-929-6395	MS35338-136	96906	WASHER, LOCK, NO.6	EA 4
E-24	15	PAFZZ	5310-00-880-5978	MS15759-807	96906	WASHER, FLAT, NO.8	EA 8
E-24	16	PAFZZ	5935-00-729-8660	7529	74545	RECEPTACLE	EA 1
E-24	17	PAFZZ	5930-00-912-4552	5503-1	75582	SWITCH, TOGGLE	EA 1
E-24	18	XBFFZ		0283-2-2808	15942	HOLDER, CIRCUIT BREAKER	EA 1
E-24	19	PAFZZ	5310-00-811-3494	MS21044N08	96906	NUT, SELF-LOCKING, HEX., NO. 8-32 UNC	EA 1
E-24	20	XBFFZ		0283-4-4511-25	15942	GASKET STRIP	EA 1
E-24	21	PAFZZ	5935-00-432-7733	1369	75582	CONVENIENCE OUTLET	EA 2
E-24	22	PAFZZ	5945-00-995-0029	271-10011P1	49956	RELAY	EA 1
E-24	23	XBFFZ		0283-2-2813	15942	RELAY BRACKET	EA 1

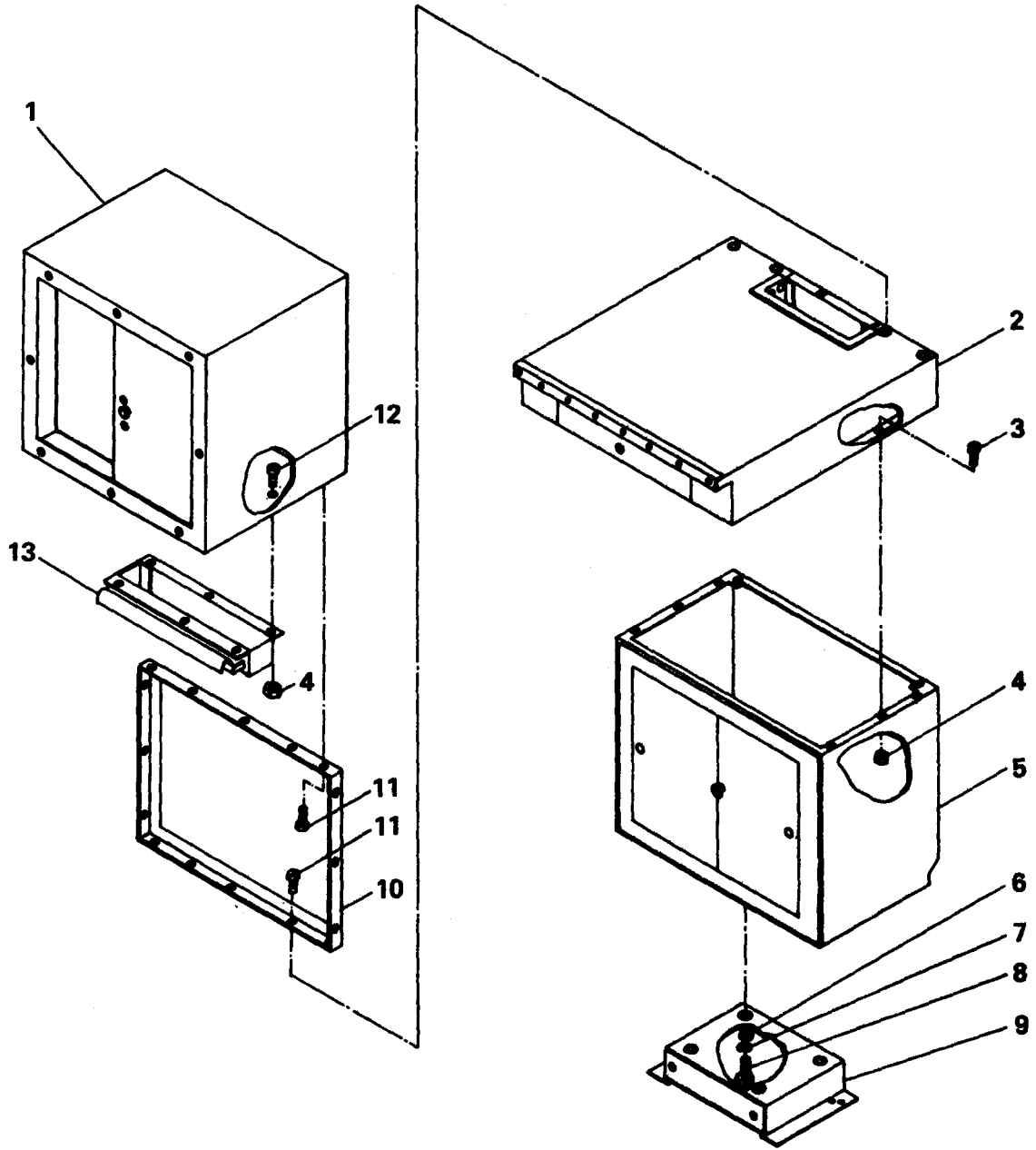


Figure E-25. Center Console Assembly

SECTION II. REPAIR PARTS LIST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION							
(A)	(B)	SMR	NATIONAL STOCK	PART NUMBER	FSCM	DESCRIPTION	U/M QTY
FIG NO	ITEM NO	CODE	NUMBER				INC IN UNIT
						USABLE ON CODE	
E-25	REF			0283-4-4525	15942	GROUP:06 CENTER CONSOLE ASSY (SEE FIG. E-1-33 FOR NHA)	V1,V2,V3,V4
E-25	1	XBFFF		0283-4-4527	15942	GROUP:0601 UPPER CABINET ASSY (SEE FIG. E-26 FOR BREAKDOWN)	EA 1
E-25	2	XBFFF		0283-4-4526	15942	GROUP:0605 WORK DECK ASSY (SEE FIG. E-29 FOR BREAKDOWN)	EA 1
E-25	3	PAFZZ	5305-00-059-3660	MS51958-64	96906	SCREW, MACHINE, PAN. HD., NO. 10-32 UNF X 5/8 IN. LG.	EA 10
E-25	4	PAFZZ	5310-00-877-5797	MS21044N3	96906	NUT, SELF-LOCKING, HEX., NO. 10-32 UNF	EA 16
E-25	5	XBFFF		0283-4-4525	15942	GROUP:0602 LOWER CABINET ASSY (SEE FIG. E-27 FOR BREAKDOWN)	EA 1
E-25	6	PAFZZ	5310-00-582-5677	MS15795-810	96906	WASHER, FLAT, 1/4 IN.	EA 4
E-25	7	PAFZZ	5310-00-933-8121	MS35338-139	96906	WASHER, LOCK, 1/4 IN.	EA 4
E-25	8	PAFZZ	5305-00-207-8253	MS35307-308	96906	SCREW, CAP, HEX. HD., 1/4-20 UNC X 3/4 IN. LG.	EA 4
E-25	9	XBFFF		0283-4-3534	15942	GROUP:0606 SUPPORT BASE ASSY (SEE FIG. E-30 FOR BREAKDOWN)	EA 1
E-25	10	XBFFF		0283-4-3535	15942	GROUP:0603 TACK BOARD ASSY (SEE FIG. E-28 FOR BREAKDOWN)	EA 1
E-25	11	PAFZZ	5305-00-995-0437	MS51960-66	96906	SCREW, MACHINE, FLAT HD., NO.10-32 UNF X 5/8 IN. LG.	EA 10
E-25	12	PAFZZ	5305-00-059-3659	MS51958-63	96906	SCREW, MACHINE, PAN. HD., NO.10-32 UNF X 1/2 IN. LG.	EA 6
E-25	13	XBFFF		0283-4-3533-1	15942	GROUP:0604 LIGHT UNIT ASSY (SEE FIG. E-22 FOR BREAKDOWN)	EA 1

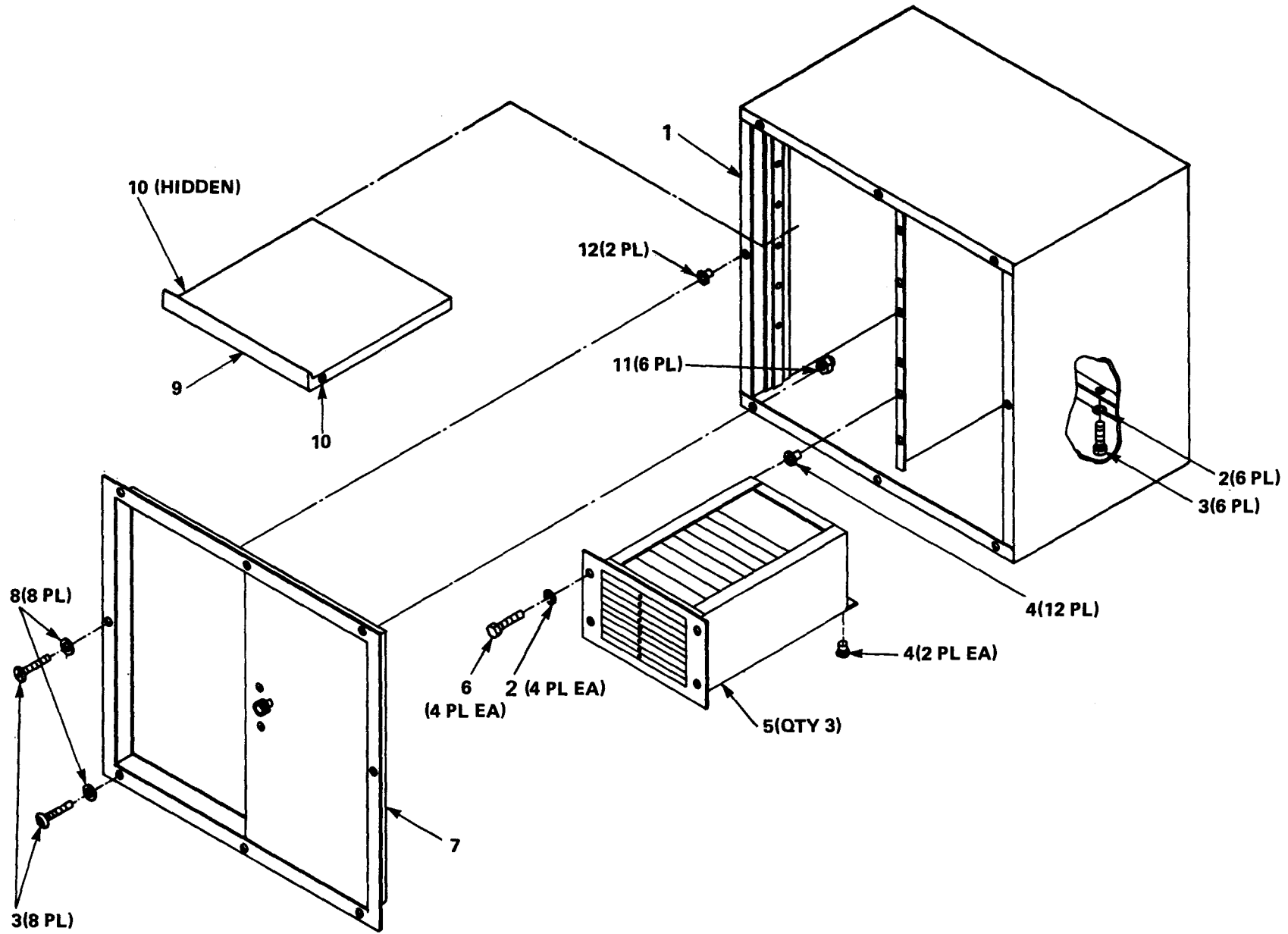


Figure E-26. Upper Cabinet Assembly

TM32-5895-248-14&P
SECTION II. REPAIR PARTS LIST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION							
(A)	(B)	SMR	NATIONAL STOCK	PART NUMBER	FSCM	DESCRIPTION	U/M QTY
FIG NO	ITEM NO	CODE	NUMBER				INC IN UNIT
						USABLE ON CODE	
E-26	REF			0283-4-4527	15942	GROUP;0601 UPPER CABINET ASSY (SEE FIG. E-25-1 FOR NHA)	
E-26	1	XA		0283-4-4530	15942	CABINET WELDMENT	EA 1
E-26	2	PAFZZ	5310-00-933-8120	MS35338-138	96906	WASHER, LOCK, 1/4 IN.	EA 18
E-26	3	PAFZZ	5305-00-059-3661	MS51958-65	96906	SCREW, MACHINE, PAN. HD., NO.10-32 UNF X 3/4 IN. LG.	EA 14
E-26	4	PAFZZ	5310-01-063-3791	S10-80	03481	RIVNUT	EA 18
E-26	5	XBFZZ		1420-3-3787	15942	CARD FILE CABINET	EA 3
E-26	6	PAFZZ		10-32X3-4CRES	70318	SCREW, CAP, HEX. HD., CRES. NO.10-32 UNF X 3/4 IN. LG.	EA 12
E-26	7	XBFFF		0283-4-4516-3	15942	GROUP;060101 SLIDING DOOR ASSY (SEE FIG. E-7 FOR BREAKDOWN)	EA 1
E-26	8	PAFZZ	5310-00-550-5054	MS15795-809	96906	WASHER, FLAT, NO.10	EA 8
E-26	9	XBFZZ		0283-4-3537-1	15942	SHELF ASSY	EA 1
E-26	10	PAFZZ	5325-00-491-1402	56-10-801-10	94222	PLUNGER, SPRING LOADED	EA 2
E-26	11	PAFZZ	5310-00-877-5796	MS21044N4	96906	NUT, SELF-LOCKING, HEX., NO. 10-32 UNF	EA 6
E-26	12	PAFZZ	5310-00-180-5117	S10-130	03481	RIVNUT	EA 2

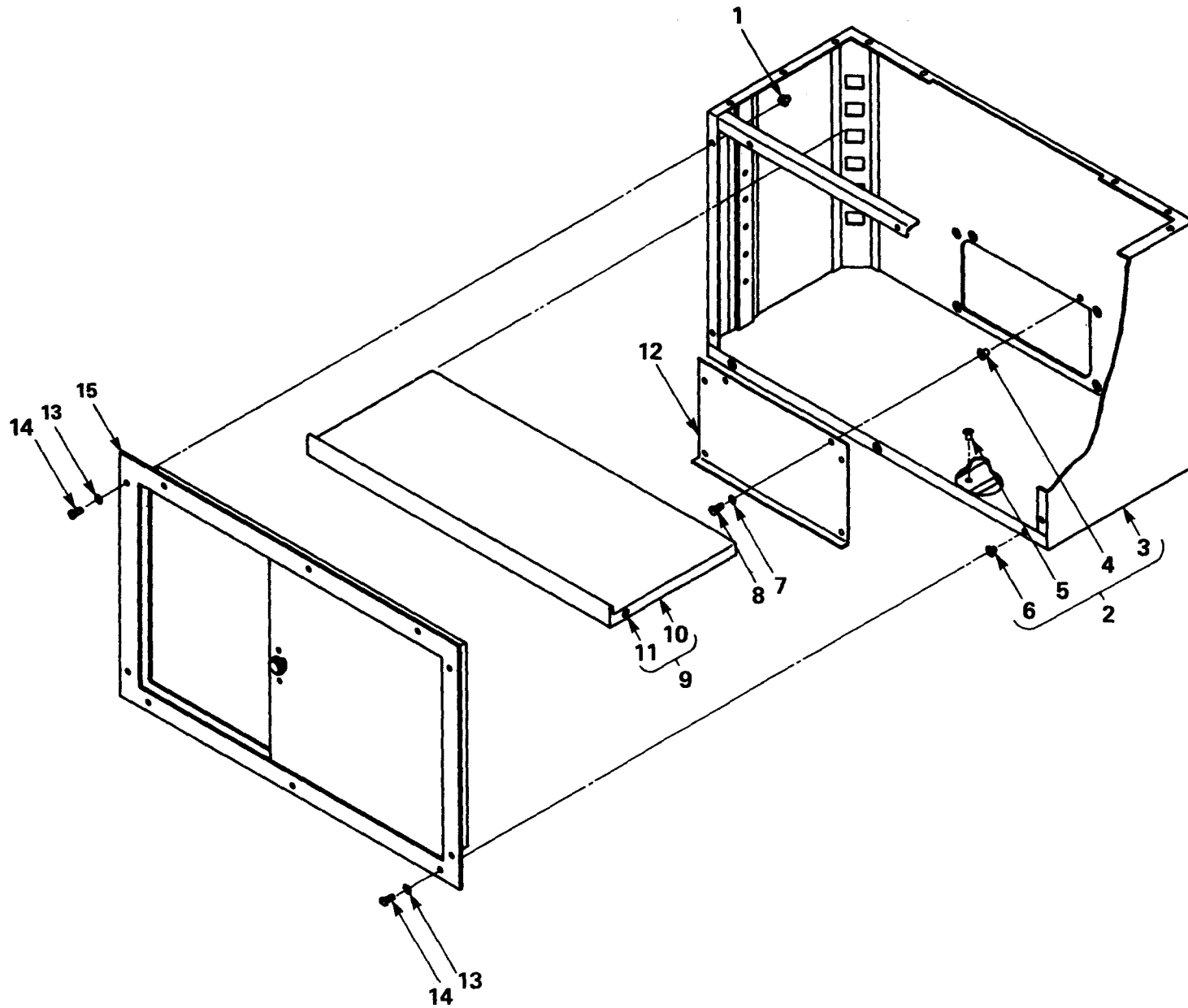


Figure E-27. Lower Cabinet Assembly

TM32-5895-248-14&P
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 NUMBER	FSCM	DESCRIPTION	U/M QTY INC IN UNIT
E-27	REF			0283-4-4525	15942	GROUP:0602 LOWER CABINET ASSY (SEE FIG. E-25-5 FOR NHA)	
E-27	1	PAFZZ	5310-00-877-5797	MS21044N3	96906	NUT, SELF-LOCKING, HEX., NO' 10-32 UNF	EA 7
E-27	2	XA		0283-4-4528	15942	CABINET ASSY	EA 1
E-27	3	XA		NRN	15942	CABINET WELDMENT	EA 1
E-27	4	PAFZZ	5310-00-063-3791	S10-80	03481	RIVNUT	EA 6
E-27	5	PAFZZ		S25-140	03481	RIVNUT	EA 1
E-27	6	PAFZZ	5310-00-180-5117	S10-130	03481	RIVNUT	EA 3
E-27	7	PAFZZ	5310-00-933-8120	MS35338-138	96906	WASHER, LOCK, NO.10	EA 6
E-27	8	PAFZZ	5305-00-059-3657	MS51958-61	96906	SCREW, MACHINE' PAN. HD., NO.10-32 UNF X 3/8 IN LG.	EA 6
E-27	9	XBFZZ		0283-4-3537-2	15942	ADJUSTABLE SHELF ASSY	EA 1
E-27	10	XA		NRN	15942	SHELF	EA 1
E-17	11	PAFZZ	5325-00-491-1402	56-10-801-10	94222	SPRING LOADED PLUNGER	EA 2
E-17	12	XBFZZ		0283-4-2537	15942	ACCESS PANEL	EA 1
E-27	13	PAFZZ	5310-00-550-5054	MS15795-809	96906	WASHER, FLAT, NO.10	EA 10
E-27	14	PAFZZ	5305-00-059-3659	MS51958-63	96906	SCREW, MACHINE, PAN. HD., NO.10-32 UNF X 1/2 IN. LG.	EA 10
E-27	15	XBFFF		0283-4-4516-2	15942	GROUP:060201 SLIDING DOOR ASSY (SEE FIG. E-7 FOR BREAKDOWN)	EA 1

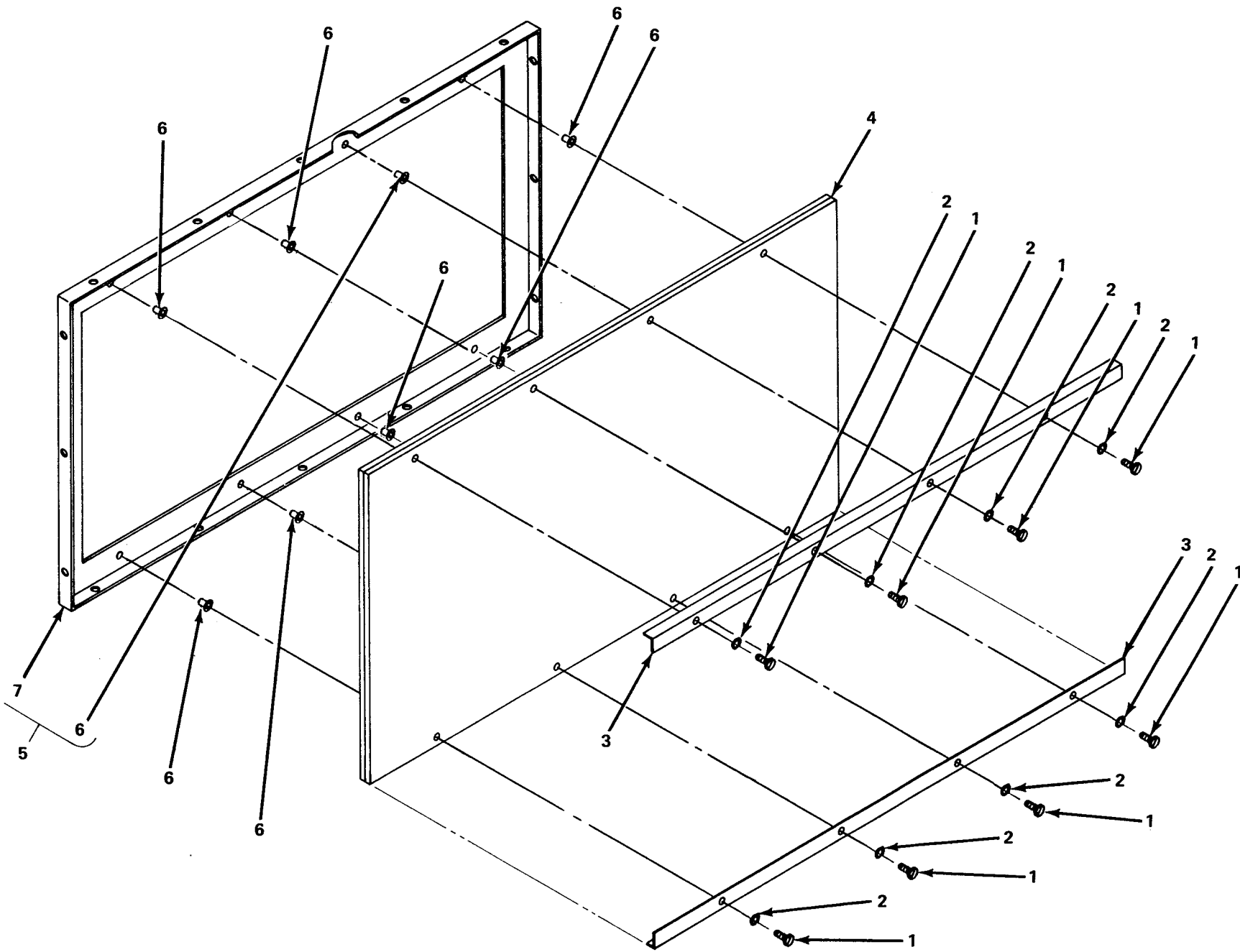


Figure E-28. Tack Board Assembly

TM32-5895-248-14&P
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 NUMBER	FSCM	DESCRIPTION	U/M QTY INC IN UNIT
E-28	REF			0283-4-3535	15942	GROUP;0603 TACK BOARD ASSY (SEE FIG. E-25-10 FOR NHA)	
E-28	1	PAFZZ	5305-00-059-3663	MS51958-67	96906	SCREW, MACHINE, PAN. HD., NO.10-32 UNF X 1.0 IN. LG.	EA 8
E-28	2	PAFZZ	5310-00-933-8120	MS35338-138	96906	WASHER, LOCK, NO.10	EA 8
E-28	3	XBFZZ		0283-4-2539	15942	RETAINING ANGLE	EA 2
E-28	4	XBFZZ		0283-4-3541	15942	TACK BOARD	EA 1
E-28	5	XBFZZ		0283-4-3540	15942	FRAME ASSY	EA 1
E-28	6	PAFZZ	5310-00-180-5117	S10-130	03481	RIVNUT	EA 8
E-28	7			NRN	15942	FRAME WELDMENT	EA 1

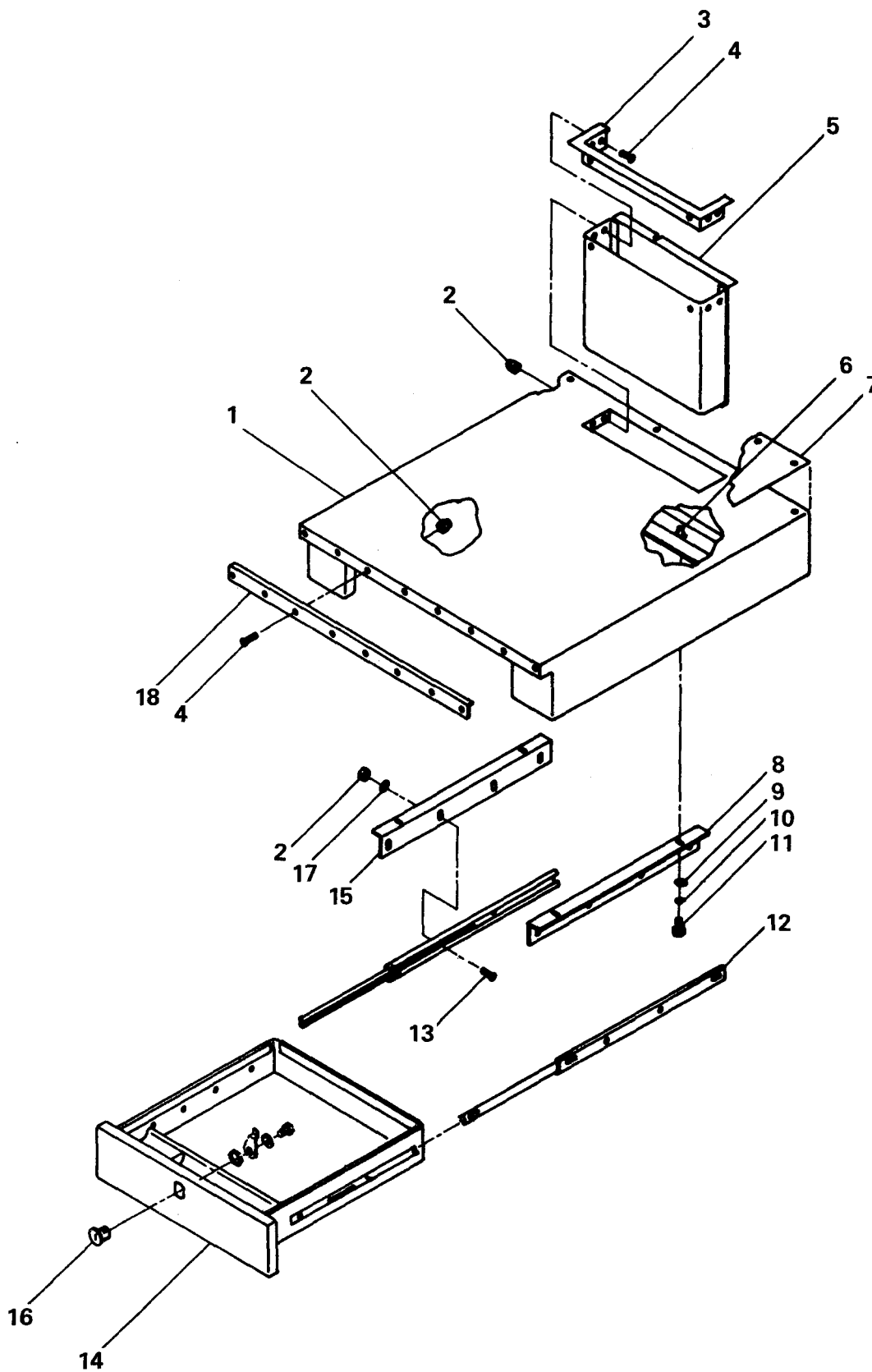


Figure E-29. Work Deck Assembly

TM32-5895-248-14&P
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 NUMBER	FSCM	DESCRIPTION	U/M QTY INC IN UNIT
E-29	REF			0283-4-4526	15942	GROUP;0605 WORK DECK ASSY (SEE FIG. C-25-2 FOR NHA)	V1,V2,V3,V4
E-29	1	XA		0283-4-4529	15942	WORK DECK WELDMENT	EA 1
E-29	2	PAFZZ	5310-00-081-8087	MS21044N06	96906	NUT, SELF-LOCKING, HEX., NO. 6-32 UNC	EA 31
E-29	3	XBFZZ		0283-4-2510	15942	FILE FOLDER WELL EDGE TRIM	EA 1
E-29	4	PAFZZ	5305-00-054-6652	MS51957-28	96906	SCREW, MACHINE, PAN. HD., NO.6-32 UNC X 3/8 IN. LG.	EA 23
E-29	5	XBFZZ		0283-4-3539	15942	FILE FOLDER WELL	EA 1
E-29	6	PAFZZ	5310-00-180-5117	S10-130	03481	RIVNUT	EA 1
E-29	7	XBFZZ		0283-4-3538	15942	COVER	EA 1
E-29	8	XBFZZ		0283-4-2511-2	15942	DRAWER SLIDE SUPPORT, RH	EA 1
E-29	9	PAFZZ	5310-00-550-5054	MS15795-809	96906	WASHER, FLAT, NO.10	EA 4
E-29	10	PAFZZ	5310-00-933-8120	MS35338-138	96906	WASHER, LOCK, NO.10	EA 4
E-29	11	PAFZZ		10-32X3-4CRES	70318	SCREW, CAP, HEX, HD., CRES, NO.10-32 UNF X 3/4 IN. LG.	EA 4
E-29	12	XBFZZ		320X18INLG	83508	FULL EXTENSION SLIDE-PAIR	EA 1
E-29	13	PAFZZ	5305-00-719-5064	MS51959-30	96906	SCREW, MACHINE, FLAT HD., NO.6-32 UNC X 1/2 IN. LG.	EA 8
E-29	14	XBFZZ		0283-4-3516	15942	DRAWER	EA 1
E-29	15	XBFZZ		0283-4-2511-1	15942	DRAWER SLIDE SUPPORT, LH	EA 1
E-29	16	XBFZZ	5340-01-036-9949	15752XC5L	14608	LOCK, DISC TUMBLER	EA 1
E-29	17	PAFZZ	5310-00-880-5978	MS15795-807	96906	WASHER, FLAT, NO.6	EA 8
E-29	18	XBFZZ		0283-4-2538	15942	EDGE TRIM	EA 1

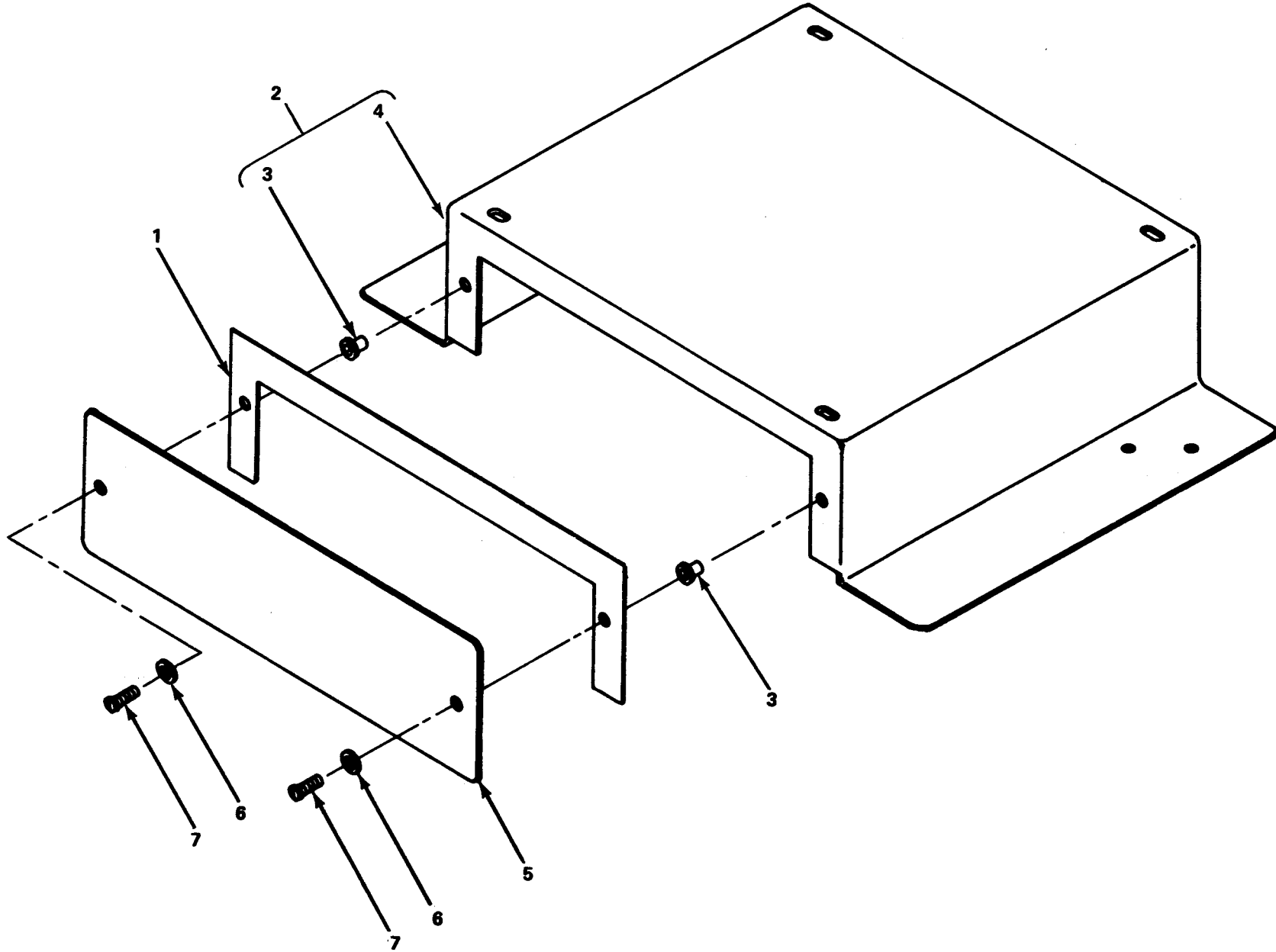


Figure E-30. Support Base Assembly

TM32-5895-248-14&P
SECTION II. REPAIR PARTS LIST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION								
(A)	(B)	SMR	NATIONAL STOCK	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY
FIG NO	ITEM NO	CODE	NUMBER					INC IN UNIT
						USABLE ON CODE		
E-30	REF			0283-4-3534	15942	GROUP:0606 SUPPORT BASE ASSY (SEE FIG. E-25-9 FOR NHA)		
E-30	1	XBFZZ		0283-4-3534-3	15942	GASKET STRIP	EA	1
E-30	2	XBFZZ		0283-3536	15942	SUPPORT BASE ASSY	EA	1
E-30	3	PAFZZ	5310-00-180-5117	S10-130	03481	RIVNUT	EA	2
E-30	4	XA		0283-4-3536-1	15942	BASE	EA	1
E-30	5	XBFZZ		0283-4-2559	15942	COVER PLATE	EA	1
E-30	6	PAFZZ	5310-00-933-8120	MS35338-138	96906	WASHER, LOCK, NO.10	EA	2
E-30	7	PAFZZ	5305-00-059-3659	MS51958-63	96906	SCREW, MACHINE, PAD, HD., NO.10-32 UNF X1/2IN.LG.	EA	2

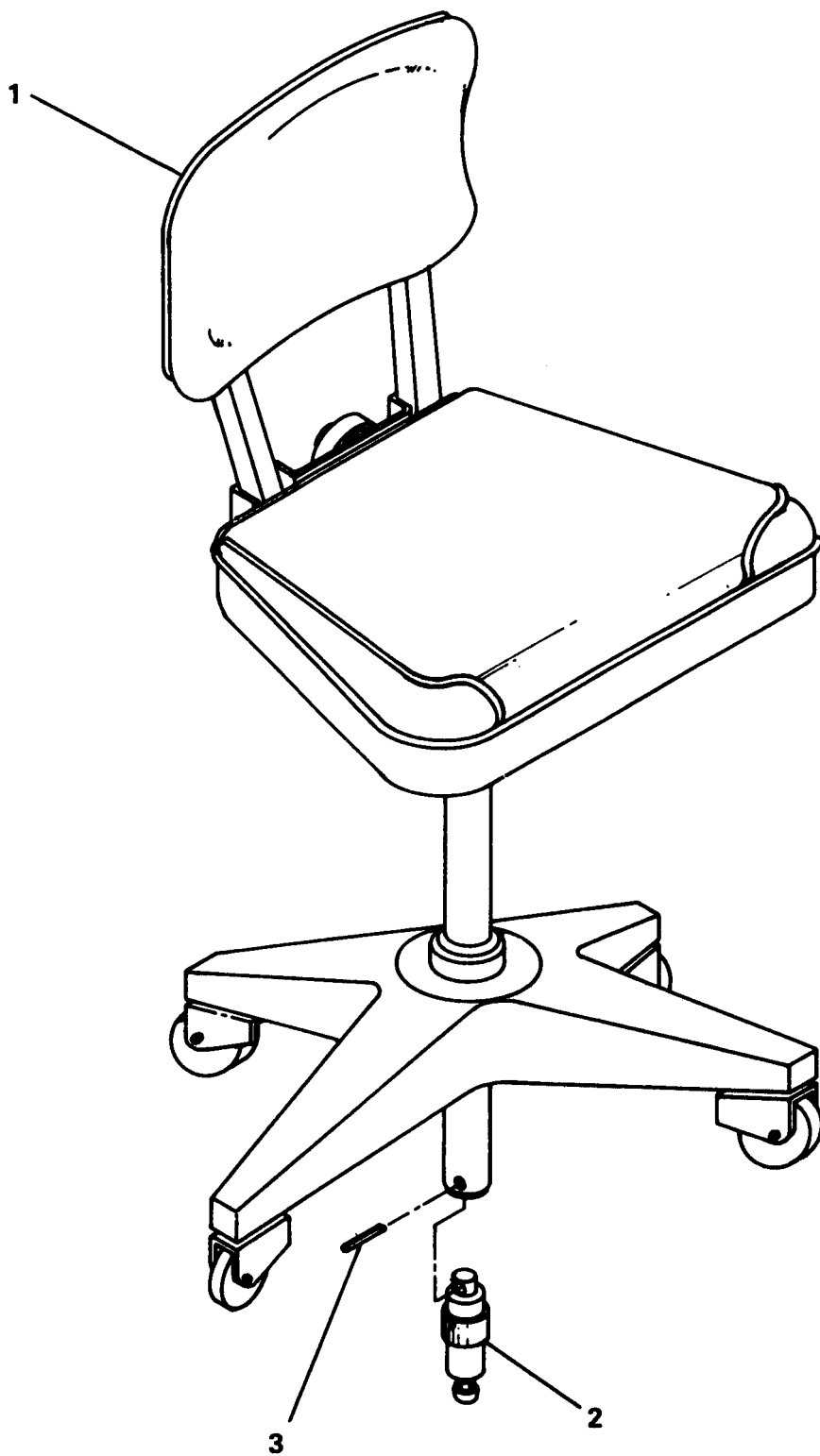


Figure E-31. Chair Assembly with Tiedown

SECTION II. REPAIR PARTS LIST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION								
(A)	(B)	SMR	NATIONAL	PART	DESCRIPTION	U/M	QTY	
FIG	ITEM	CODE	STOCK	NUMBER	FSCM		INC	
NO	NO		NUMBER			USABLE ON CODE	IN	
							UNIT	
E-31	REF			0283-4-3004-1	15942	GROUP:07 V1,V2,V3,V4 CHAIR ASSY W/TIEDOWN (SEE FIG.E-1-1 FOR NHA)	EA	5
E-31	1	XBFFD	7110-00-754-0760	AAC00293	81348	CHAIR	EA	1
E-31	2	XBFZZ		0283-4-2021-1	15942	TIEDOWN ASSY,CHAIR	EA	1
E-31	3	PAFZZ	5315-00-619-3155	MS171593	96906	PIN,SPRING	EA	1

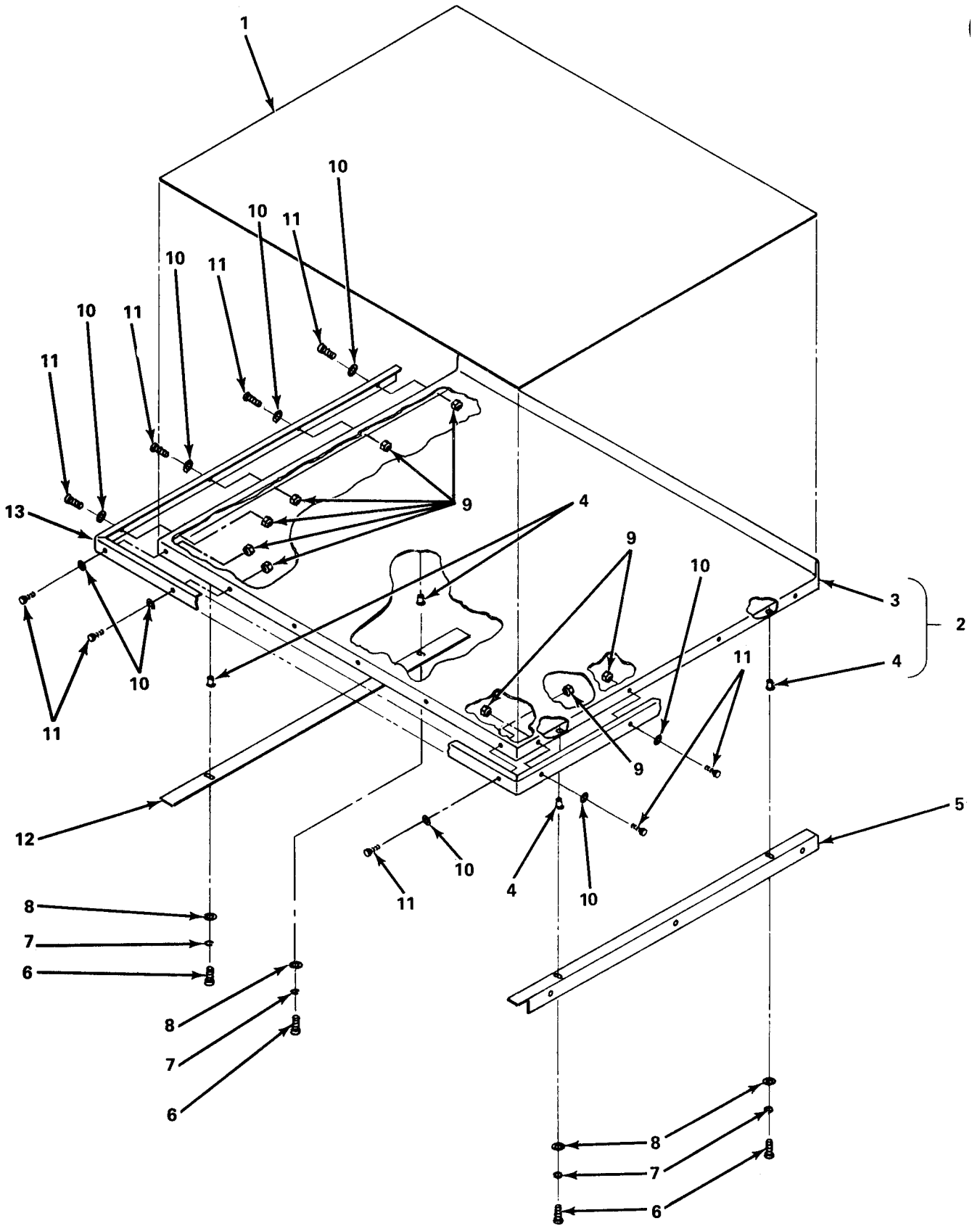


Figure E-32. Adjustable Work Surface Assembly

TM32-5895-248-14&P
SECTION II. REPAIR PARTS LIST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION		NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
(A) FIG NO	(B) ITEM NO	SMR CODE				USABLE ON CODE	
E-32	REF		0283-4-3567	15942	GROUP:08 V1,V2,V3,V4 ADJUSTABLE WORK SURFACE ASSY (SEE FIG.E-1-14 FOR NHA)		
E-32	1	XBFZZ	0283-4-2567	15942	WORK SURFACE COVER	EA	1
E-32	2	XBFZZ	0283-4-4544	15942	WORK SURFACE ASSY	EA	1
E-32	3	XBFZZ	0283-4-4544-1	15942	WORK SURFACE WELDMENT	EA	1
E-32	4	PAFZZ	5310-00-180-5117	S10-130	03481 RIVNUT	EA	4
E-32	5	XBFZZ	0283-4-2566-2	15942	SUPPORT ANGLE	EA	1
E-32	6	PAFZZ	5305-00-059-3661	MS51958-65	96906 SCREW,MACHINE,PAN,HD., NO.10-32 UNF X 3/4 IN.LG	EA	4
E-32	7	PAFZZ	5310-00-933-8120	MS35338-138	96906 WASHER,LOCK,NO.10	EA	4
E-32	8	PAFZZ	5310-00-550-5054	MS15795-809	96906 WASHER,FLAT,NO.10	EA	4
E-32	9	PAFZZ	5310-00-081-8087	MS21044N06	96906 NUT,SELF,LOCKING,HEX,NO 6-32 UNC	EA	14
E-32	10	PAFZZ	5310-00-880-5978	MS15795-807	96906 WASHER,FLAT.NO.6	EA	14
E-32	11	PAFZZ	5305-00-054-6652	MS51957-28	96906 SCREW,MACHINE,PAN.HD., NO. 6-32 UNC X 3/8 IN.LG.	EA	14
E-32	12	XBFZZ	0283-4-2566-1	15942	SUPPORT ANGLE	EA	1
E-32	13	XBFZZ	0283-4-2568	15942	WORK SURFACE EDGING	EA	1

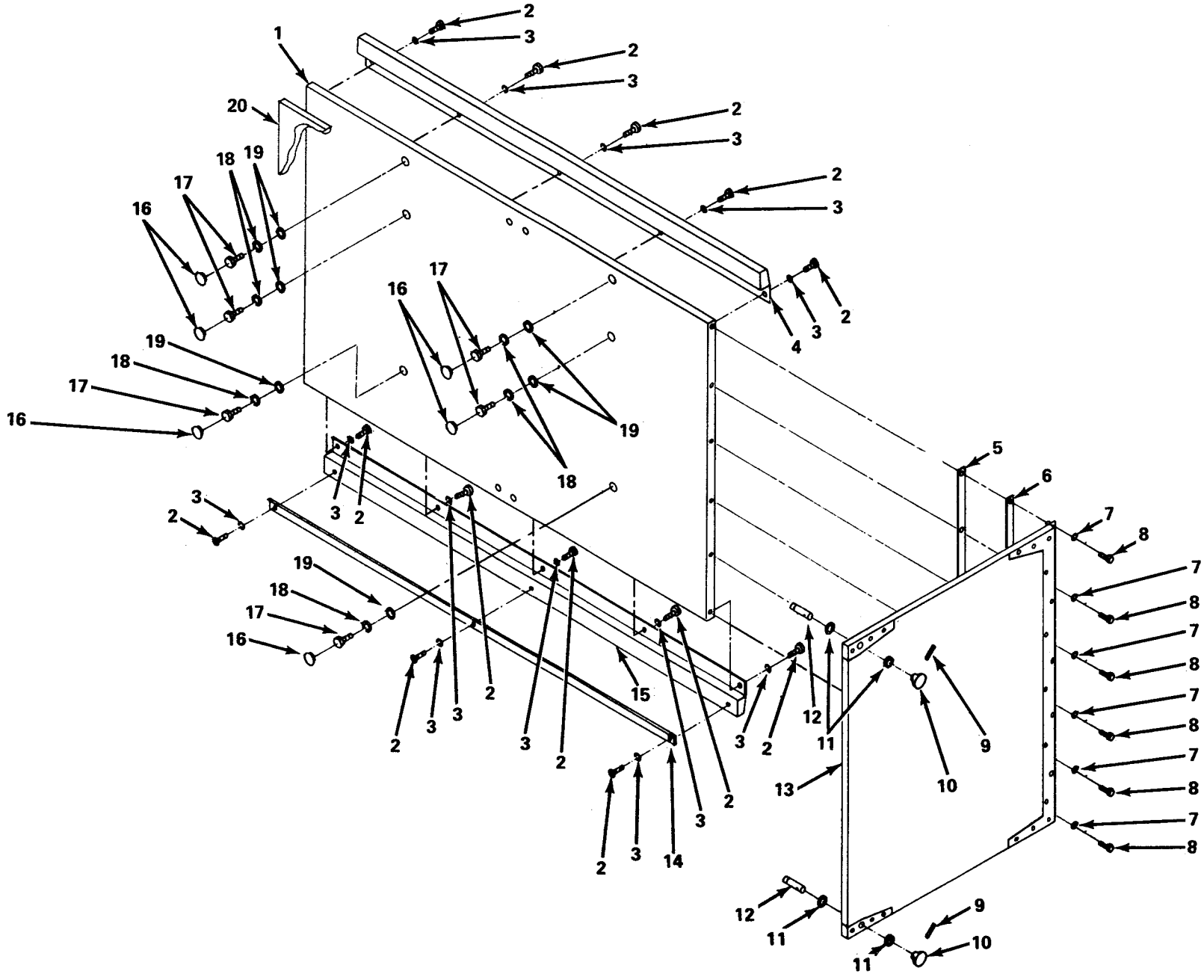


Figure E-33. Edge Lit Map Board Assembly

TM32-5895-248-14&P
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 NUMBER	FSCM	DESCRIPTION	U/M QTY INC IN UNIT
E-33	REF			0283-4-4536		GROUP;09 V1,V2,V3,V4 EDGE LIT MAP BOARD ASSY (SEE FIG. E-1-28 FOR NHA)	
E-33	1	XA		NRN	15942	BOARD WELDMENT	EA 1
E-33	2	PAFZZ	3505-00-059-3657	MS51958-61	96906	SCREW,MACHINE,PAN.HD., NO. 10-32 UNF X 3/8 IN.LG	EA 13
E-33	3	PAFZZ	5310-00-933-8120	MS35338-138	96906	WASHER,LOCK,NO. 10	EA 13
E-33	4	XBFFF		NRN	15942	GROUP;0901 TOP LIGHT ASSY (SEE FIG. E-35 FOR BREAKDOWN)	EA 1
E-33	5	XBFZZ		0283-4-2547	15942	HINGE SHIM	EA 2
E-33	6	XBFZZ		0283-4-2548	15942	HINGE SHIM	EA 2
E-33	7	PAFZZ	5310-00-933-8121	MS35338-139	96906	WASHER,LOCK,1/4 IN.	EA 12
E-33	8	PAFZZ	5305-00-207-8253	MS35307-308	96906	SCREW,CAP,HEX,HD.,1/4-20 UNC X 1.0 IN.LG	EA 12
E-33	9	PAFZZ	5315-00-058-9782	MS16562-236	96906	PIN,SPRING	EA 4
E-33	10	PAFZZ		0283-4-2556	15942	CLOSURE KNOB	EA 4
E-33	11	PAFZZ		0283-4-4536-11	15942	RETAINER WASHER,CRES,7/8 OD X 7/16 ID X 1/16 IN.	EA 8
E-33	12	PAFZZ		0283-4-2555	15942	CLOSURE STUD	EA 4
E-33	13	XBFFF		0283-4-4541	15942	GROUP;0903 HINGE AND DOOR ASSY (SEE FIG. E-36 FOR BREAKDOWN)	EA 2
E-33	14	XBFFF		0283-4-2558	15942	CRAYON TRAY	EA 1
E-33	15	XBFFF		NRN	15942	GROUP;0902 BOTTOM LIGHT ASSY (SEE FIG. E-34 FOR BREAKDOWN)	EA 1
E-33	16	XBFFF		NRN	15942	RUBBER DISC	EA 6
E-33	17	PAFZZ	5306-00-655-6170	MS35307-338	96906	SCREW,CAP,HEX,HD., 5/16-18 UNC X -1/2 IN.LG	EA 6
E-33	18	PAFZZ	5310-00-974-6623	MS35338-140	96906	WASHER,LOCK,5/16 IN.	EA 6
E-33	19	PAFZZ	5310-00-802-4701	MS15795-813	96906	WASHER,FLAT,5/16 IN.	EA 6
E-33	20	XBFFF		0283-4-4542	15942	MAP BOARD RUBBER	EA 1

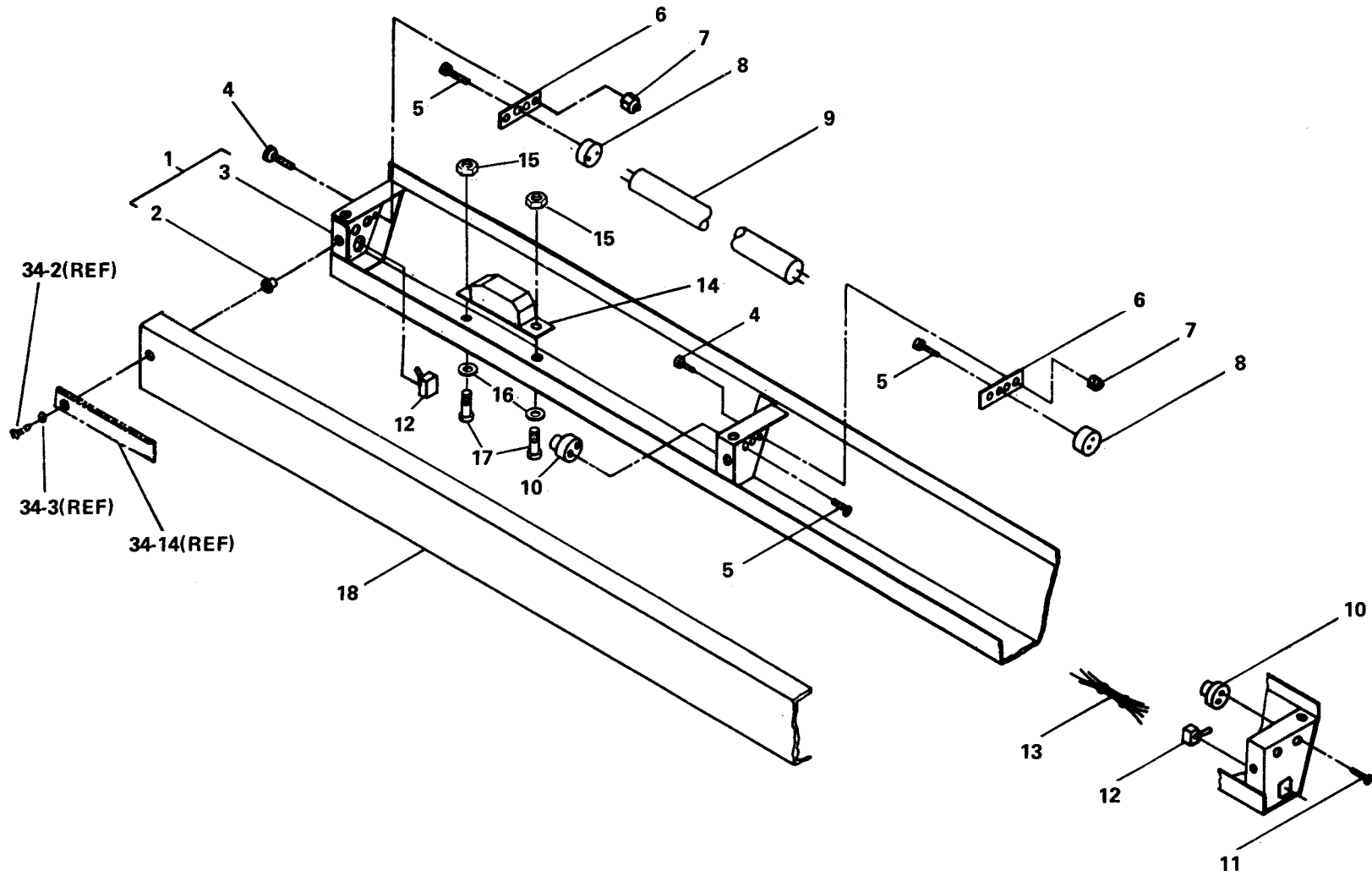


Figure E-34. Bottom Light Assembly

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 NUMBER	FSCM	DESCRIPTION	U/M QTY INC IN UNIT
E-34	REF			NRN	15942	GROUP:0901 BOTTOM LIGHT ASSY (SEE FIG. E-33-15 FOR NHA)	
E-34	1	XA		0283-4-4540-1	15942	LAMP HOUSING WELDMENT, BOTTOM	EA 1
E-34	2	PAFZZ		S10-80	03481	RIVNUT	EA 3
E-34	3	XA		NRN	15942	HOUSING	EA 1
E-34	4	PAFZZ	5305-00-054-6654	MS51957-30	96906	SCREW,MACHINE PAN.HD., NO. 6-32 UNC X 1/2 IN.LG	EA 8
E-34	5	PAFZZ	5305-00-763-6962	MS51959-27	96906	SCREW,MACHINE,FLAT HD., NO. 6-32 UNC X 5/16 IN.LG	EA 14
E-34	6	XBFZZ		0283-4-2557	15942	SPACER,BRACKET	EA 4
E-34	7	PAFZZ	5310-00-081-8087	MS21044N06	96906	NUT,SELF-LOCKING,HEX.,NO. 6-32 UNF	EA 8
E-34	8	XBFZZ	6250-00-965-5376	543	75382	LAMP RECEPTABLE,FIXED	EA 4
E-34	9	PBOZZ	6240-00-152-2992	F15T8D	08806	LAMP, FLUORESCENT	EA 4
E-34	10	XBFZZ	6250-00-757-7399	542	75382	LAMP RECEPTACLE	EA 4
E-34	11	PAFZZ	5305-00-054-6651	MS51957-29	96906	SCREW,MACHINE,PAN.HD., NO. 6-32 UNC X 5/16 IN/LG	EA 2
E-34	12	PAFZZ		5733	75582	SWITCH	EA 2
E-34	13	XC		0283-4-3564-1	15942	MAP BOARD CIRCUIT	EA 1
E-34	14	PAFZZ	6250-00-844-3854	R120	02241	BALLAST	EA 4
E-34	15	PAFZZ	5310-00-877-5797	MS21044N3	96906	NUT,SELF-LOCKING,HEX.,NO. 10-32 UNF	EA 8
E-34	16	PAFZZ	5310-00-550-5054	MS15795-809	96906	WASHER,FLAT,NO. 10	EA 8
E-34	17	PAFZZ	5305-00-059-3657	MS51958-61	96906	SCREW,MACHINE,PAN.HD., NO. 10-32 UNF X 3/8 IN.LG	EA 8
E-34	18	XBFZZ		0283-4-2546	15942	FACE PLATE	EA 1

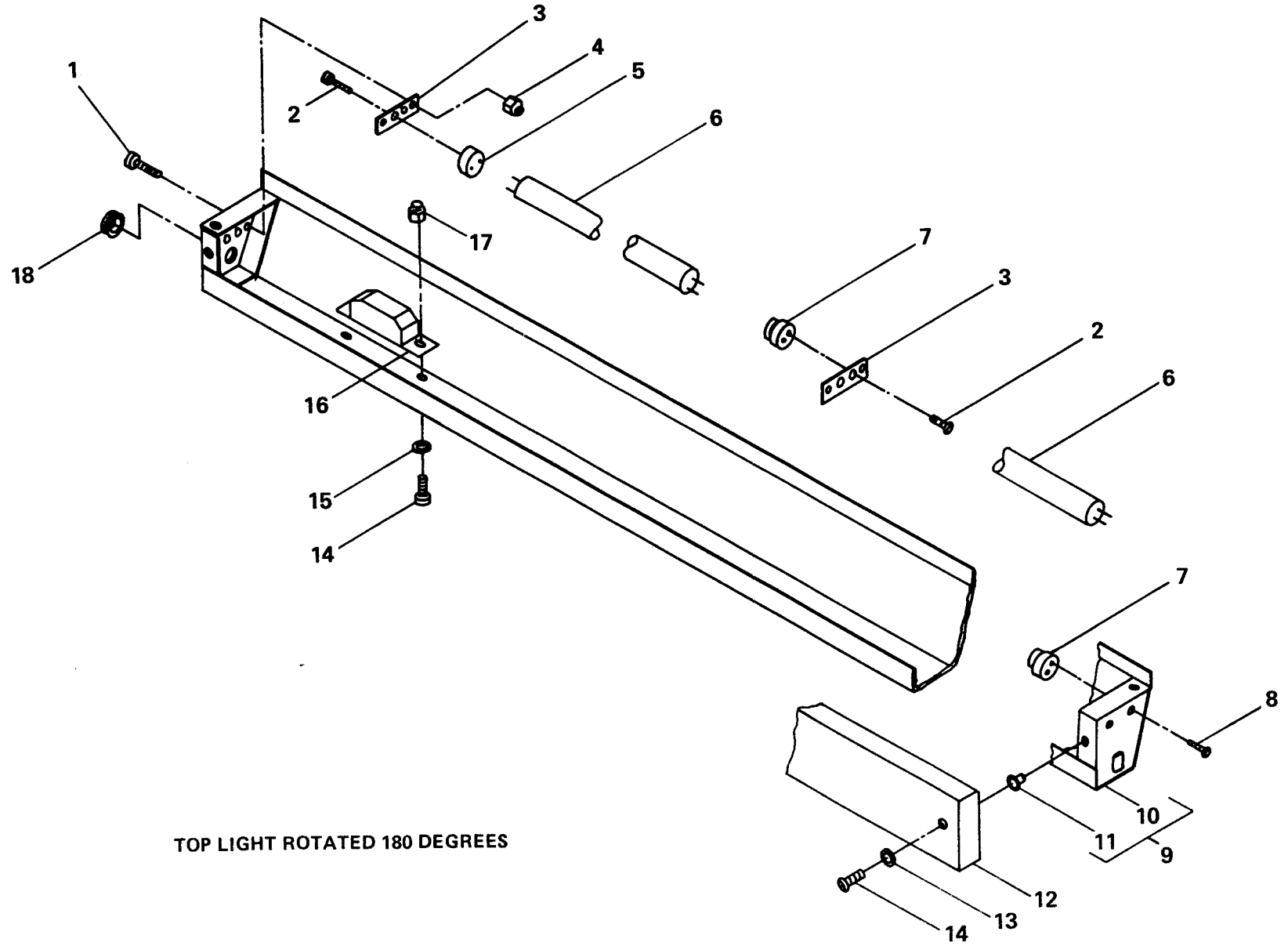


Figure E-35. Top Light Assembly

TM32-5895-248-14&P
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 NUMBER	FSCM	DESCRIPTION	U/M QTY INC IN UNIT
E-35	REF			NRN	15942	GROUP:0902 TOP LIGHT ASSY (SEE FIG.E-33-4 FOR NHA)	
E-35	1	PAFZZ	5305-00-054-6654	MS51957-30	96906	SCREW,MACHINE,PAN,HD., NO. 6-32 UNC X 1/2 IN. LG.	EA 8
E-35	2	PAFZZ	5305-00-763-6962	MS51959-27	96906	SCREW,MACHINE,FLAT HD., NO. 6-32 UNC X 5/16 IN.LG	EA 14
E-35	3	XBFZZ		0283-4-2557	15942	SPACER,BRACKET	EA 4
E-35	4	PAFZZ	5310-00-081-8087	MS21044N06	96906	NUT,SELF-LOCKING,HEX.,NO. 6-32 UNC	EA 8
E-35	5	XBFZZ	6250-00-965-5376	543	75382	LAMP RECEPTACLE,FIXED	EA 4
E-35	6	PBOZZ	6240-00-152-2992	F15T8D	08806	LAMP,FLUORESCENT	EA 4
E-35	7	XBFZZ	6250-00-757-7399	542	75382	LAMP,RECEPTACLE	EA 4
E-35	8	PAFZZ	5305-00-054-6651	MS51957-27	96906	SCREW,MACHINE,PAN.HD., NO. 6-32 UNC X 5/16 IN.LG	EA 23
E-35	9	XA		0283-4-4540-2	15942	LAMP HOUSING WELDMENT UPPER	EA 1
E-35	10	XA		NRN	15942	HOUSING	EA 1
E-35	11	XA		S10-80	03481	RIVNUT	EA 3
E-35	12	XBFZZ		0283-4-2546	15942	FACE PLATE	EA 1
E-35	13	PAFZZ	5310-00-933-8120	MS35338-138	96906	WASHER,LOCK,NO. 10	EA 3
E-35	14	PAFZZ	5305-00-059-3657	MS51958-61	96906	SCREW,MACHINE,PAN.HD., NO. 10-32 UNF X 3/8 IN.LG.	EA 11
E-35	15	PAFZZ	5310-00-550-5054	MS15795-809	96906	WASHER,FLAT,NO.10	EA 8
E-35	16	PAFZZ	6250-00-844-3854	R120	02241	BALLAST	EA 4
E-35	17	PAFZZ	5310-00-877-5797	MS21044N3	96906	NUT,SELF-LOCKING,HEX.,NO. 10-32 UNF	EA 8
E-35	18	XBFZZ		722-0009	24618	STRAIN RELIEF	EA 1

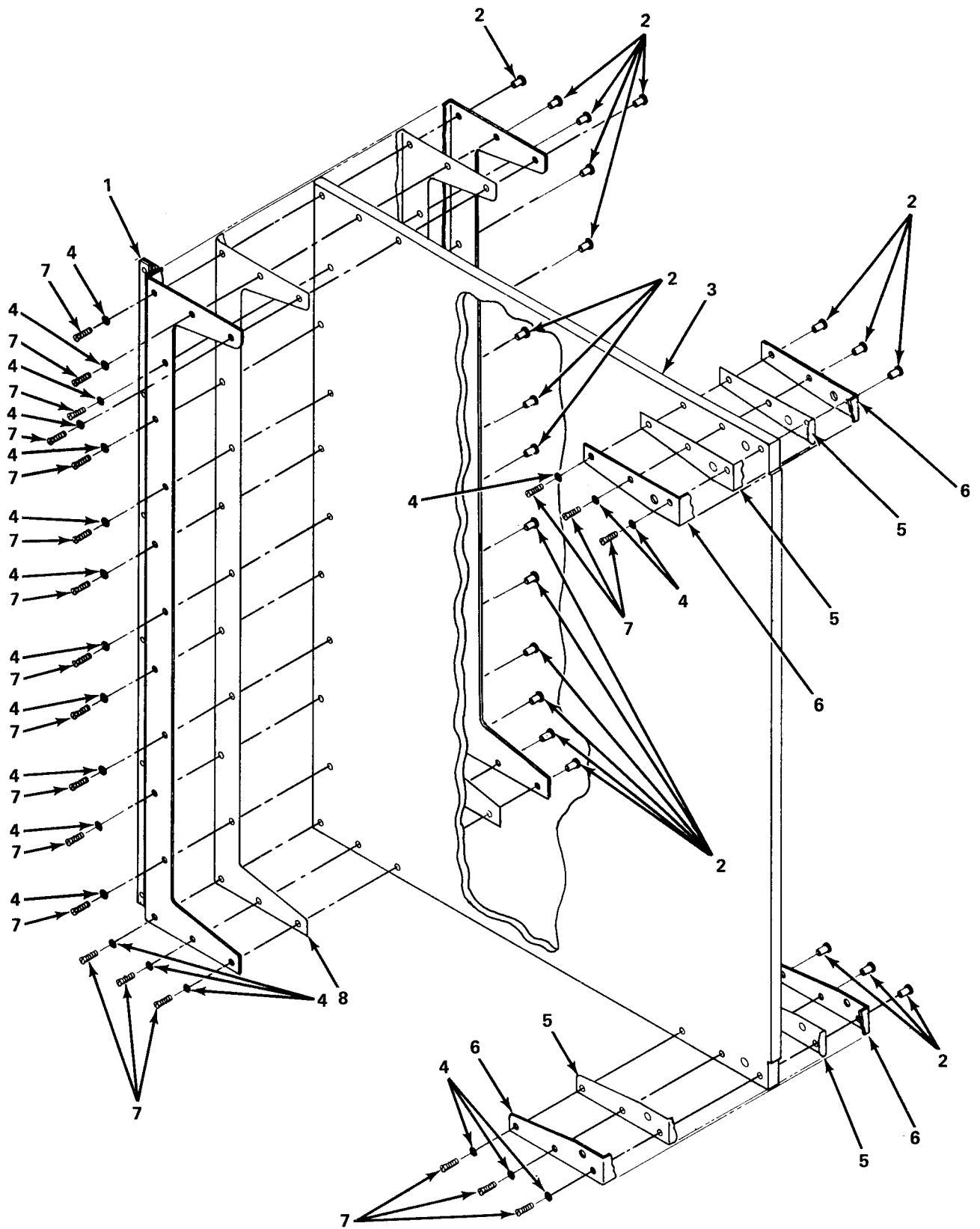


Figure E-36. Hinge and Door Assembly

SECTION II. REPAIR PARTS LIST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION							
(A) FIG NO	(B) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M QTY INC IN UNIT
						USABLE ON CODE	
E-36	REF			0283-4-4541	15942	GROUP 0903 HINGE AND DOOR ASSY (SEE FIG. E-33-13 FOR NHA)	
E-36	1	XBFZZ		NRN	15942	HINGE ASSY	EA 1
E-36	2	PAFZZ		SS58109	83058	TEE NUT, NO. 10-32 UNF	EA 21
E-36	3	XBFZZ		0283-4-4543	15942	PLEXIGLASS	EA 1
E-36	4	PAFZZ	5310-00-905-1493	MS27129-12	96906	WASHER, FINISHING, COUNTER- SINK, NO. 10	EA 21
E-36	5	XBFZZ		0283-4-2553	15942	TOE PLATE LINER	EA 2
E-36	6	XBFZZ		0283-4-2552	15942	TOE PLATE	EA 2
E-36	7	PAFZZ		10-32x1 1-8 INLG	70318	SCREW, MACHINE, OVAL HD., NO. 10-32 UNF X 1-1/8 IN. LG.	EA 21
E-36	8	XBFZZ		0283-4-2554	15942	HINGE CHANNEL LINER	EA 1

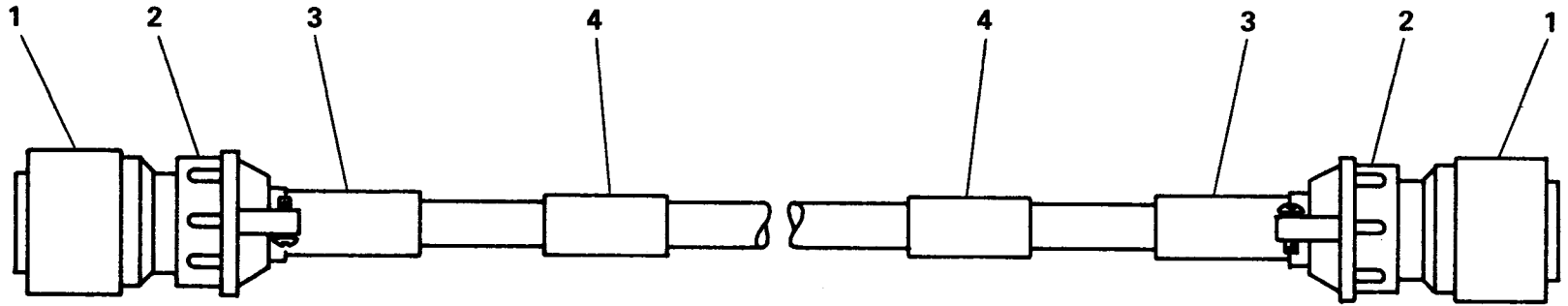


Figure E-37. Cable Assembly

TM32-5895-248-14&P
SECTION II. REPAIR PARTS LIST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION							
(A)	(B)	SMR	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M QTY INC IN UNIT
FIG NO	ITEM NO	CODE					
						USABLE ON CODE	
E-37	REF			0283-4-4011-4	15942	GROUP:11 GROUP:1101 CABLE ASSY	1
E-37	REF			0283-4-4011-5	15942	GROUP:1102 CABLE ASSY	1
E-37	REF			0283-4-4011-6	15942	GROUP:1103 CABLE ASSY	2
E-37	REF			0283-4-4011-7	15942	GROUP:1104 CABLE ASSY	1
E-37	1	PAFZZ	5935-00-899-0554	PT06A14-15P	77820	STRAIGHT PLUG	EA 2
E-37	2	PAFZZ	5935-00-280-1937	MS3057-8B	96906	CLAMP	EA 2
E-37	3	PAFZZ	5365-00-271-7354	AN3420-8A	88044	BUSHING	EA 2
E-37	4	XBFZZ		1703-1-1184	15942	INDENTIFICATION TAG	EA 2

SECTION II. REPAIR PARTS LIST

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION		NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
(A) FIG NO	(B) ITEM NO	SMR CODE				USABLE ON CODE	

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
5305-00-054-5647	E-2	19	5305-00-059-3661	E-32	6
5305-00-054-5649	E-3	7	5305-00-059-3661	E-26	3
5305-00-054-5651	E-8	19	5305-00-059-3663	E-11	1
5305-00-054-5651	E-19	14	5305-00-059-3663	E-28	1
5305-00-054-6651	E-35	8	5305-00-071-1322	E-4	3
5305-00-054-6651	E-34	11	5305-00-071-1322	E-17	17
5305-00-054-6652	E-8	7	5305-00-071-1326	E-15	7
5305-00-054-6652	E-32	11	5305-00-207-8253	E-33	8
5305-00-054-6652	E-29	4	5305-00-207-8253	E-25	8
5305-00-054-6652	E-19	3	5305-00-253-5604	E-24	9
5305-00-054-6654	E-5	3	5305-00-253-5604	E-23	11
5305-00-054-6654	E-35	1	5305-00-253-5604	E-21	11
5305-00-054-6654	E-34	4	5305-00-253-5604	E-10	9
5305-00-054-6654	E-24	13	5305-00-494-8502	E-1	18
5305-00-054-6654	E-23	7	5305-00-702-4523	E-4	14
5305-00-054-6654	E-22	10	5305-00-702-4523	E-17	10
5305-00-054-6654	E-21	7	5305-00-702-4523	E-1	4
5305-00-054-6654	E-18	4	5305-00-719-5064	E-8	16
5305-00-054-6654	E-14	9	5305-00-719-5064	E-29	13
5305-00-054-6654	E-10	12	5305-00-719-5064	E-19	15
5305-00-054-6670	E-1	30	5305-00-763-6962	E-35	2
5305-00-059-3657	E-35	14	5305-00-763-6962	E-34	5
5305-00-059-3657	E-34	17	5305-00-764-0071	E-7	1
5305-00-059-3657	E-27	8	5305-00-770-2579	E-24	7
5305-00-059-3657	E-33	2	5305-00-770-2579	E-23	13
5305-00-059-3659	E-4	18	5305-00-770-2579	E-21	13
5305-00-059-3659	E-9	6	5305-00-770-2579	E-10	7
5305-00-059-3659	E-7	8	5305-00-995-0437	E-4	4
5305-00-059-3659	E-30	7	5305-00-995-0437	E-25	11
5305-00-059-3659	E-27	14	5305-00-995-0437	E-17	7
5305-00-059-3659	E-25	12	5306-00-655-6170	E-33	17
5305-00-059-3659	E-22	2	5310-00-006-8291	E-6	10
5305-00-059-3659	E-20	9	5310-00-063-3791	E-27	4
5305-00-059-3659	E-17	2	5310-00-081-8087	E-8	5
5305-00-059-3659	E-16	7	5310-00-081-8087	E-5	2
5305-00-059-3659	E-14	2	5310-00-081-8087	E-35	4
5305-00-059-3659	E-1	8	5310-00-081-8087	E-34	7
5305-00-059-3660	E-6	8	5310-00-081-8087	E-32	9
5305-00-059-3660	E-4	7	5310-00-081-8087	E-29	2
5305-00-059-3660	E-25	3	5310-00-081-8087	E-24	2
5305-00-059-3660	E-17	9	5310-00-081-8087	E-19	5

SECTION IV. NATIONAL STOCK NUMBER AND PART NUMBER INDEX

NATIONAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	NATIONAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER
5310-00-081-8087	E-18	5	5310-00-582-5677	E-17	12
5310-00-081-8087	E-10	2	5310-00-582-5677	E-1	14
5310-00-081-8087	E-1	32	5310-00-614-3505	E-8	3
5310-00-088-0551	E-8	17	5310-00-614-3505	E-19	7
5310-00-088-0551	E-3	3	5310-00-619-1148	E-7	2
5310-00-088-0551	E-24	5	5310-00-619-1148	E-1	20
5310-00-088-0551	E-23	2	5310-00-722-5998	E-3	4
5310-00-088-0551	E-21	2	5310-00-802-4701	E-33	19
5310-00-088-0551	E-19	18	5310-00-811-3494	E-7	3
5310-00-088-0551	E-10	5	5310-00-811-3494	E-24	19
5310-00-106-3379	E-2	14	5310-00-827-8976	E-2	2
5310-00-180-5117	E-8	9	5310-00-854-9382	E-8	2
5310-00-180-5117	E-8	9	5310-00-854-9382	E-19	6
5310-00-180-5117	E-6	3	5310-00-877-5796	E-26	11
5310-00-180-5117	E-33	4	5310-00-877-5797	E-6	2
5310-00-180-5117	E-30	3	5310-00-877-5797	E-7	5
5310-00-180-5117	E-29	6	5310-00-877-5797	E-4	2
5310-00-180-5117	E-28	6	5310-00-877-5797	E-35	17
5310-00-180-5117	E-27	6	5310-00-877-5797	E-34	15
5310-00-180-5117	E-26	12	5310-00-877-5797	E-27	1
5310-00-180-5117	E-19	23	5310-00-877-5797	E-25	4
5310-00-180-5117	E-19	23	5310-00-877-5797	E-22	4
5310-00-180-5117	E-16	3	5310-00-877-5797	E-17	5
5310-00-180-5117	E-15	4	5310-00-877-5797	E-14	4
5310-00-413-0083	E-2	8	5310-00-877-5797	E-1	10
5310-00-550-5054	E-8	12	5310-00-880-5978	E-8	21
5310-00-550-5054	E-6	7	5310-00-880-5978	E-32	10
5310-00-550-5054	E-7	7	5310-00-880-5978	E-29	17
5310-00-550-5054	E-4	6	5310-00-880-5978	E-24	15
5310-00-550-5054	E-35	15	5310-00-880-5978	E-23	9
5310-00-550-5054	E-34	16	5310-00-880-5978	E-21	9
5310-00-550-5054	E-32	8	5310-00-880-5978	E-19	12
5310-00-550-5054	E-29	9	5310-00-880-5978	E-10	14
5310-00-550-5054	E-27	13	5310-00-880-5978	E-1	31
5310-00-550-5054	E-26	8	5310-00-905-1493	E-37	4
5310-00-550-5054	E-19	21	5310-00-929-6395	E-24	14
5310-00-550-5054	E-17	4	5310-00-929-6395	E-23	8
5310-00-550-5054	E-11	2	5310-00-929-6395	E-22	9
5310-00-550-5054	E-1	6	5310-00-929-6395	E-21	8
5310-00-582-5677	E-4	12	5310-00-929-6395	E-14	10
5310-00-582-5677	E-25	6	5310-00-929-6395	E-10	13

SECTION IV. NATIONAL STOCK NUMBER AND PART NUMBER INDEX

NATIONAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	NATIONAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER
5310-00-933-8119	E-1	19	5320-00-904-4136	E-2	12
5310-00-933-8120	E-9	7	5320-00-956-7355	E-3	10
5310-00-933-8120	E-8	13	5320-00-956-7355	E-2	16
5310-00-933-8120	E-4	8	5325-00-276-5926	E-13	6
5310-00-933-8120	E-35	13	5325-00-491-1402	E-6	6
5310-00-933-8120	E-33	3	5325-00-491-1402	E-5	7
5310-00-933-8120	E-32	7	5325-00-491-1402	E-27	11
5310-00-933-8120	E-30	6	5325-00-491-1402	E-26	10
5310-00-933-8120	E-29	10	5325-00-491-1402	E-18	2
5310-00-933-8120	E-28	2	5330-00-585-1591	E-3	9
5310-00-933-8120	E-27	7	5330-00-618-3447	E-11	3
5310-00-933-8120	E-26	2	5340-00-070-2066	E-18	6
5310-00-933-8120	E-22	3	5340-01-036-9949	E-29	16
5310-00-933-8120	E-20	8	5355-00-784-1683	E-13	3
5310-00-933-8120	E-19	20	5365-00-271-7354	E-40	3
5310-00-933-8120	E-17	15	5805-00-945-8549	E-1	28
5310-00-933-8120	E-16	6	5895-01-008-6091	E-2	
5310-00-933-8120	E-14	3	5920-00-904-4139	E-1	12
5310-00-933-8120	E-1	5	5925-00-553-9899	E-24	10
5310-00-933-8121	E-4	13	5925-00-553-9899	E-10	10
5310-00-933-8121	E-33	7	5930-00-912-4552	E-24	17
5310-00-933-8121	E-25	7	5930-00-954-5872	E-22	13
5310-00-933-8121	E-17	11	5930-00-954-5872	E-14	7
5310-00-933-8121	E-1	13	5935-00-241-0355	E-23	10
5310-00-943-5324	E-2	9	5935-00-241-0355	E-21	10
5310-00-948-0755	E-2	3	5935-00-241-0355	E-10	15
5310-00-952-3628	E-2	4	5935-00-257-7641	E-24	6
5310-00-955-6219	E-2	11	5935-00-257-7641	E-23	14
5310-00-974-6623	E-33	18	5935-00-257-7641	E-21	14
5310-01-063-3791	E-26	4	5935-00-257-7641	E-10	6
5315-00-058-9782	E-33	9	5935-00-280-1937	E-37	2
5315-00-163-5115	E-13	5	5935-00-432-7733	E-24	21
5315-00-619-3155	E-31	3	5935-00-432-7733	E-23	5
5315-00-734-5634	E-7	15	5935-00-432-7733	E-21	5
5315-00-841-4442	E-13	2	5935-00-432-7733	E-10	17
5315-00-844-3943	E-7	18	5935-00-439-0272	E-3	8
5320-00-052-1972	E-12	4	5935-00-729-8660	E-24	16
5320-00-493-4101	E-3	2	5935-00-899-0554	E-37	1
5320-00-493-4101	E-2	5	5945-00-995-0029	E-24	22
5320-00-904-4136	E-9	1	5975-00-152-1144	E-24	3
5320-00-904-4136	E-20	2	5975-00-152-1144	E-23	3

NATIONAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	NATIONAL STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER
5975-00-152-1144	E-21	3	6250-00-844-3854	E-14	5
5975-00-152-1144	E-10	3	6250-00-965-5376	E-35	5
5999-00-702-9230	E-3	6	6250-00-965-5376	E-34	8
6240-00-152-2992	E-35	6	6675-00-174-3237	E-1	37
6240-00-152-2992	E-34	9	7110-00-754-0760	E-31	1
6240-00-224-1876	E-22	12	7420-00-664-0104	E-1	25
6240-00-224-1876	E-14	11	7430-00-254-4321	E-1	26
6250-00-757-7399	E-35	7	7430-00-634-5062	E-1	39
6250-00-757-7399	E-34	10	7520-00-162-6178	E-1	29
6250-00-844-3854	E-35	16	7520-00-162-7111	E-1	38
6250-00-844-3854	E-34	14	7520-00-163-2563	E-1	36
6250-00-844-3854	E-22	5	7520-00-224-7589	E-1	35

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PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
AAC00293	81348	E-31	1	MS15795-809	96906	E-27	13
AD43ABS	07707	E-1	12	MS15795-809	96906	E-29	9
AD45ABS	07707	E-12	4	MS15795-809	96906	E-32	8
AD64H	07707	E-2	16	MS15795-809	96906	E-34	16
AD64H	07707	E-3	10	MS15795-809	96906	E-35	15
AN3420-8A	88044	E-37	3	MS15795-810	96906	E-1	14
B0471	14726	E-9	5	MS15795-810	96906	E-4	12
C5484-017-1	78553	E-14	1	MS15795-810	96906	E-25	6
C5484-017-1	78553	E-22	6	MS15795-813	96906	E-33	19
F15T8D	08806	E-34	9	MS15795-820	96906	E-8	3
F15T8D	08806	E-35	6	MS15795-820	96906	E-19	7
GG-L-256	81348	E-1	37	MS16562-224	96906	E-13	2
GG-N-775	81348	E-1	38	MS16562-236	96906	E-33	9
GG-P-191	81348	E-1	35	MS171593	96906	E-31	3
GG-P-191	81348	E-1	36	MS21044N04	96906	E-3	3
HRC15	12084	E-14	12	MS21044N04	96906	E-8	17
HRC15	12084	E-22	11	MS21044N04	96906	E-10	5
LA7-200	41330	E-1	25	MS21044N04	96906	E-19	18
MS15589-3	96906	E-14	11	MS21044N04	96906	E-21	2
MS15589-3	96906	E-22	12	MS21044N04	96906	E-23	2
MS15759-807	96906	E-24	15	MS21044N04	96906	E-24	5
MS15795-805	96906	E-3	4	MS21044N06	96906	E-1	32
MS15795-807	96906	E-1	31	MS21044N06	96906	E-5	2
MS15795-807	96906	E-8	21	MS21044N06	96906	E-8	5
MS15795-807	96906	E-10	14	MS21044N06	96906	E-10	2
MS15795-807	96906	E-19	12	MS21044N06	96906	E-18	5
MS15795-807	96906	E-21	9	MS21044N06	96906	E-19	5
MS15795-807	96906	E-23	9	MS21044N06	96906	E-24	2
MS15795-807	96906	E-29	17	MS21044N06	96906	E-29	2
MS15795-807	96906	E-32	10	MS21044N06	96906	E-32	9
MS15795-808	96906	E-1	20	MS21044N06	96906	E-34	7
MS15795-808	96906	E-7	2	MS21044N06	96906	E-35	4
MS15795-809	96906	E-1	6	MS21044N08	96906	E-7	3
MS15795-809	96906	E-4	6	MS21044N08	96906	E-24	19
MS15795-809	96906	E-7	7	MS21044N3	96906	E-1	10
MS15795-809	96906	E-6	7	MS21044N3	96906	E-4	2
MS15795-809	96906	E-8	12	MS21044N3	96906	E-7	5
MS15795-809	96906	E-11	2	MS21044N3	96906	E-6	2
MS15795-809	96906	E-17	4	MS21044N3	96906	E-14	4
MS15795-809	96906	E-19	21	MS21044N3	96906	E-17	5
MS15795-809	96906	E-26	8	MS21044N3	96906	E-22	4

SECTION IV. NATIONAL STOCK NUMBER AND PART NUMBER INDEX

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
MS21044N3	96906	E-25	4	MS35338-138	96906	E-30	6
MS21044N3	96906	E-27	1	MS35338-138	96906	E-32	7
MS21044N3	96906	E-34	15	MS35338-138	96906	E-33	3
MS21044N3	96906	E-35	17	MS35338-138	96906	E-35	13
MS21044N4	96906	E-26	11	MS35338-139	96906	E-1	13
MS21318-2	96906	E-10	9	MS35338-139	96906	E-4	13
MS21318-2	96906	E-21	11	MS35338-139	96906	E-17	11
MS21318-2	96906	E-23	11	MS35338-139	96906	E-25	7
MS21318-2	96906	E-24	9	MS35338-139	96906	E-33	7
MS25082B11	96906	E-8	2	MS35338-140	96906	E-33	18
MS25092B11	96906	E-19	6	MS51795-810	96906	E-17	12
MS27129-12	96906	E-36	4	MS51957-13	96906	E-2	19
MS27130S32	96906	E-6	10	MS51957-15	96906	E-3	7
MS3057-8B	96906	E-40	2	MS51957-17	96906	E-8	19
MS35307-306	96906	E-1	4	MS51957-17	96906	E-19	14
MS35307-306	96906	E-4	14	MS51957-27	96906	E-35	2
MS35307-306	96906	E-17	10	MS51957-27	96906	E-35	8
MS35307-308	96906	E-25	8	MS51957-28	96906	E-8	7
MS35307-308	96906	E-33	8	MS51957-28	96906	E-19	3
MS35307-338	96906	E-33	17	MS51957-28	96906	E-29	4
MS35338-136	96906	E-10	13	MS51957-28	96906	E-32	11
MS35338-136	96906	E-14	10	MS51957-29	96906	E-34	11
MS35338-136	96906	E-21	8	MS51957-30	96906	E-5	3
MS35338-136	96906	E-22	9	MS51957-30	96906	E-10	12
MS35338-136	96906	E-23	8	MS51957-30	96906	E-14	9
MS35338-136	96906	E-24	14	MS51957-30	96906	E-18	4
MS35338-137	96906	E-1	19	MS51957-30	96906	E-21	7
MS35338-138	96906	E-1	5	MS51957-30	96906	E-22	10
MS35338-138	96906	E-4	8	MS51957-30	96906	E-23	7
MS35338-138	96906	E-8	13	MS51957-30	96906	E-24	13
MS35338-138	96906	E-9	7	MS51957-30	96906	E-34	4
MS35338-138	96906	E-14	3	MS51957-30	96906	E-35	1
MS35338-138	96906	E-16	6	MS51957-45	96906	E-1	30
MS35338-138	96906	E-17	15	MS51958-61	96906	E-27	8
MS35338-138	96906	E-19	20	MS51958-61	96906	E-33	2
MS35338-138	96906	E-20	8	MS51958-61	96906	E-34	17
MS35338-138	96906	E-22	3	MS51958-61	96906	E-35	14
MS35338-138	96906	E-26	2	MS51958-63	96906	E-1	8
MS35338-138	96906	E-27	7	MS51958-63	96906	E-4	18
MS35338-138	96906	E-28	2	MS51958-63	96906	E-7	8
MS35338-138	96906	E-29	10	MS51958-63	96906	E-9	6

SECTION IV. NATIONAL STOCK NUMBER AND PART NUMBER INDEX

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
MS51958-63	96906	E-14	2	NRN	15942	E-27	10
MS51958-63	96906	E-16	7	NRN	15942	E-28	7
MS51958-63	96906	E-17	2	NRN	15942	E-33	1
MS51958-63	96906	E-20	9	NRN	15942	E-33	4
MS51958-63	96906	E-22	2	NRN	15942	E-33	15
MS51958-63	96906	E-25	12	NRN	15942	E-33	16
MS51958-63	96906	E-27	14	NRN	15942	E-35	3
MS51958-63	96906	E-30	7	NRN	15942	E-35	REF
MS51958-64	96906	E-4	7	NRN	15942	E-35	10
MS51958-64	96906	E-6	8	NRN	15942	E-35	REF
MS51958-64	96906	E-17	9	NRN	15942	E-36	1
MS51958-64	96906	E-25	3	PTB14-15PS	77820	E-3	8
MS51958-65	96906	E-26	3	PT06A14-15P	77820	E-37	1
MS51958-65	96906	E-32	6	P115	74193	E-10	10
MS51958-67	96906	E-11	1	P115	74193	E-24	10
MS51958-67	96906	E-28	1	P3-13	71468	E-10	6
MS51959-15	96906	E-10	7	P3-13	71468	E-21	14
MS51959-15	96906	E-21	13	P3-13	71468	E-23	14
MS51959-15	96906	E-23	13	P3-13	71468	E-24	6
MS51959-15	96906	E-24	7	R120	02241	E-14	5
MS51959-27	96906	E-34	5	R120	02241	E-22	5
MS51959-30	96906	E-8	16	R120	02241	E-34	14
MS51959-30	96906	E-19	15	R120	02241	E-35	16
MS51959-30	96906	E-29	13	SP2189	96603	E-2	18
MS51959-47	96906	E-7	1	SS58109	83058	E-36	2
MS51960-65	96906	E-4	3	S09011	14726	E-20	12
MS51960-65	96906	E-17	17	S10-130	03481	E-6	3
MS51960-66	96906	E-4	4	S10-130	03481	E-8	9
MS51960-66	96906	E-17	7	S10-130	03481	E-8	9
MS51960-66	96906	E-25	11	S10-130	03481	E-15	4
MS51960-69	96906	E-15	7	S10-130	03481	E-16	3
MS51975-47	96906	E-1	18	S10-130	03481	E-19	23
MS9021-008	96906	E-11	3	S10-130	03481	E-19	23
M24243/1-B403	81349	E-2	12	S10-130	03481	E-26	12
M24243/1-B403	81349	E-9	1	S10-130	03481	E-27	6
M24243/1-B403	81349	E-20	2	S10-130	03481	E-28	6
M24243/1-B604	81349	E-2	5	S10-130	03481	E-29	6
M24243/1-B604	81349	E-3	2	S10-130	03481	E-30	3
NAS1329S3B80	80205	E-2	3	S10-130	03481	E-32	4
NAS561P3-20	80205	E-7	15	S10-80	03481	E-2	14
NRN	15942	E-27	3	S10-80	03481	E-26	4
				S10-80			

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PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
S10-80	03481	E-27	4	0283-4-2514-1	15942	E-15	9
S10-80	03481	E-34	2	0283-4-2514-2	15942	E-15	3
S10-80	03481	E-35	11	0283-4-2515-1	15942	E-15	8
S10B130	25472	E-2	11	0283-4-2515-2	15942	E-15	5
S25-140	03481	E-27	5	0283-4-2516	15942	E-9	12
S25B200	03481	E-2	2	0283-4-2516	15942	E-12	2
S31B200	03481	E-2	4	0283-4-2516	15942	E-20	3
S8B160	03481	E-2	8	0283-4-2517	15942	E-9	11
S8B75	03481	E-2	9	0283-4-2517	15942	E-12	3
TA-676(*)/G	80058	E-1	28	0283-4-2517	15942	E-20	4
T5100-14	89198	E-7	9	0283-4-2520	15942	E-5	6
0283-1-3999-10	15942	E-1	11	0283-4-2520	15942	E-18	1
0283-2-1000	15942	E-2	15	0283-4-2520-1	15942	E-5	8
0283-2-2806-2	15942	E-10	11	0283-4-2520-1	15942	E-18	3
0283-2-2806-2	15942	E-11	REF	0283-4-2537	15942	E-27	12
0283-2-2806-2	15942	E-24	11	0283-4-2538	15942	E-29	18
0283-2-2807	15942	E-11	1	0283-4-2539	15942	E-28	3
0283-2-2808	15942	E-10	18	0283-4-2546	15942	E-34	18
0283-2-2808	15942	E-24	18	0283-4-2546	15942	E-35	12
0283-2-2813	15942	E-24	23	0283-4-2547	15942	E-33	5
0283-2-2921-1	15942	E-24	12	0283-4-2548	15942	E-33	6
0283-2-3802-2	15942	E-11	4	0283-4-2552	15942	E-36	6
0283-3536	15942	E-30	2	0283-4-2553	15942	E-36	5
0283-4-2021-1	15942	E-31	2	0283-4-2554	15942	E-36	8
0283-4-2025	15942	E-2	17	0283-4-2555	15942	E-33	12
0283-4-2506-1	15942	E-20	7	0283-4-2556	15942	E-33	10
0283-4-2506-2	15942	E-9	8	0283-4-2557	15942	E-34	6
0283-4-2507	15942	E-2	13	0283-4-2557	15942	E-35	3
0283-4-2509	15942	E-6	4	0283-4-2558	15942	E-33	14
0283-4-2509-1	15942	E-6	5	0283-4-2559	15942	E-30	5
0283-4-2510	15942	E-8	6	0283-4-2560-1	15942	E-9	4
0283-4-2510	15942	E-19	4	0283-4-2566-1	15942	E-32	12
0283-4-2510	15942	E-29	3	0283-4-2566-2	15942	E-32	5
0283-4-2511-1	15942	E-8	18	0283-4-2567	15942	E-32	1
0283-4-2511-1	15942	E-19	17	0283-4-2568	15942	E-32	13
0283-4-2511-1	15942	E-29	15	0283-4-2569-1	15942	E-7	6
0283-4-2511-2	15942	E-8	11	0283-4-2615-1	15942	E-10	8
0283-4-2511-2	15942	E-19	22	0283-4-2615-1	15942	E-21	12
0283-4-2511-2	15942	E-29	8	0283-4-2615-1	15942	E-23	12
0283-4-2512	15942	E-15	2	0283-4-2615-1	15942	E-24	8
0283-4-2513	15942	E-15	6	0283-4-3004-1	15942	E-1	2

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PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
0283-4-3004-1	15942	E-31	REF	0283-4-3533-2	15942	E-4	17
0283-4-3019-1	15942	E-3	5	0283-4-3533-2	15942	E-14	REF
0283-4-3019-2	15942	E-3	1	0283-4-3534	15942	E-25	9
0283-4-3501	15942	E-1	3	0283-4-3534	15942	E-30	REF
0283-4-3504	15942	E-1	9	0283-4-3534-3	15942	E-30	1
0283-4-3505	15942	E-1	21	0283-4-3535	15942	E-25	10
0283-4-3506-1	15942	E-20	6	0283-4-3535	15942	E-28	REF
0283-4-3506-2	15942	E-9	7	0283-4-3536-1	15942	E-30	4
0283-4-3507-1	15942	E-20	5	0283-4-3537-1	15942	E-26	9
0283-4-3507-2	15942	E-9	10	0283-4-3537-2	15942	E-27	9
0283-4-3508	15042	E-4	11	0283-4-3538	15942	E-29	7
0283-4-3508	15942	E-16	REF	0283-4-3539	15942	E-29	5
0283-4-3508	15942	E-17	13	0283-4-3540	15942	E-28	5
0283-4-3508-3	15942	E-16	1	0283-4-3541	15942	E-28	4
0283-4-3509	15942	E-4	9	0283-4-3543	15942	E-7	12
0283-4-3509	15942	E-12	REF	0283-4-3544	15942	E-7	10
0283-4-3509	15942	E-17	16	0283-4-3545	15942	E-7	4
0283-4-3511	15942	E-16	2	0283-4-3551	15942	E-7	12
0283-4-3511-1	15942	E-16	4	0283-4-3552	15942	E-7	10
0283-4-3512	15942	E-16	5	0283-4-3553	15942	E-7	4
0283-4-3513-1	15942	E-19	24	0283-4-3562-1	15942	E-2	7
0283-4-3513-2	15942	E-8	10	0283-4-3562-2	15942	E-2	6
0283-4-3514-1	15942	E-19	9	0283-4-3564-1	15942	E-35	13
0283-4-3514-2	15942	E-8	24	0283-4-3566-1	15942	E-20	1
0283-4-3514-3	15942	E-19	9	0283-4-3566-2	15942	E-9	2
0283-4-3514-4	15942	E-8	24	0283-4-3567	15942	E-1	33
0283-4-3515-1	15942	E-19	2	0283-4-3567	15942	E-32	REF
0283-4-3515-2	15942	E-8	8	0283-4-3568	15942	E-2	1
0283-4-3516	15942	E-8	22	0283-4-4005-3	15942	E-2	10
0283-4-3516	15942	E-19	11	0283-4-4005-3	15942	E-3	REF
0283-4-3516	15942	E-29	14	0283-4-4011-4	15942	E-37	REF
0283-4-3517	15942	E-15	1	0283-4-4011-5	15942	E-37	REF
0283-4-3518	15942	E-12	1	0283-4-4011-6	15942	E-37	REF
0283-4-3519-1	15942	E-22	1	0283-4-4011-7	15942	E-37	REF
0283-4-3519-2	15942	E-14	6	0283-4-4501	15942	E-1	REF
0283-4-3522	15942	E-7	12	0283-4-4503	15942	E-1	1
0283-4-3523	15942	E-7	10	0283-4-4503	15942	E-2	REF
0283-4-3524	15942	E-7	4	0283-4-4504-1	15942	E-1	16
0283-4-3533-1	15942	E-17	3	0283-4-4504-1	15942	E-20	REF
0283-4-3533-1	15942	E-22	REF	0283-4-4504-14	15942	E-9	3
0283-4-3533-1	15942	E-25	13	0283-4-4504-14	15942	E-20	13

SECTION IV. NATIONAL STOCK NUMBER AND PART NUMBER INDEX

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
0283-4-4504-2	15942	E-1	23	0283-4-4513-2	15942	E-4	1
0283-4-4504-2	15942	E-9	REF	0283-4-4513-2	15942	E-5	REF
0283-4-4506-2	15942	E-1	15	0283-4-4515-1	15942	E-6	1
0283-4-4506-2	15942	E-4	REF	0283-4-4515-2	15942	E-6	1
0283-4-4506-3	15942	E-1	24	0283-4-4516-1	15942	E-7	REF
0283-4-4506-3	15942	E-17	REF	0283-4-4516-1	15942	E-6	9
0283-4-4506-5	15942	E-1	34	0283-4-4516-2	15942	E-7	REF
0283-4-4506-5	15942	E-17	REF	0283-4-4516-2	15942	E-27	15
0283-4-4506-6	15942	E-1	27	0283-4-4516-3	15942	E-6	9
0283-4-4506-6	15942	E-4	REF	0283-4-4516-3	15942	E-26	7
0283-4-4508-1	15942	E-6	REF	0283-4-4517-3	15942	E-19	1
0283-4-4508-1	15942	E-17	14	0283-4-4517-4	15942	E-8	1
0283-4-4508-2	15942	E-4	10	0283-4-4517-5	15942	E-19	1
0283-4-4508-2	15942	E-6	REF	0283-4-4517-6	15942	E-8	1
0283-4-4509-3	15942	E-17	8	0283-4-4518-2	15942	E-24	1
0283-4-4509-3	15942	E-19	REF	0283-4-4518-3	15942	E-23	4
0283-4-4509-4	15942	E-4	15	0283-4-4518-4	15942	E-10	1
0283-4-4509-4	15942	E-8	REF	0283-4-4518-6	15942	E-21	4
0283-4-4509-5	15942	E-17	8	0283-4-4520-2	15942	E-5	1
0283-4-4509-5	15942	E-19	REF	0283-4-4521-1	15942	E-18	7
0283-4-4509-6	15942	E-4	15	0283-4-4521-2	15942	E-5	4
0283-4-4510	15942	E-4	16	0283-4-4524	15942	E-1	22
0283-4-4510	15942	E-15	REF	0283-4-4525	15942	E-25	5
0283-4-4510	15942	E-17	6	0283-4-4525	15942	E-25	REF
0283-4-4511-2	15942	E-4	5	0283-4-4525	15942	E-27	REF
0283-4-4511-2	15942	E-24	REF	0283-4-4526	15942	E-25	2
0283-4-4511-25	15942	E-10	16	0283-4-4526	15942	E-29	REF
0283-4-4511-25	15942	E-21	6	0283-4-4527	15942	E-25	1
0283-4-4511-25	15942	E-23	6	0283-4-4527	15942	E-26	REF
0283-4-4511-25	15942	E-24	20	0283-4-4528	15942	E-27	2
0283-4-4511-3	15942	E-17	18	0283-4-4529	15942	E-29	1
0283-4-4511-3	15942	E-23	REF	0283-4-4530	15942	E-26	1
0283-4-4511-36	15942	E-10	4	0283-4-4536	15942	E-33	REF
0283-4-4511-36	15942	E-21	1	0283-4-4536	15942	E-1	40
0283-4-4511-36	15942	E-23	1	0283-4-4536-11	15942	E-33	11
0283-4-4511-36	15942	E-24	4	0283-4-4540-1	15942	E-34	1
0283-4-4511-4	15942	E-4	5	0283-4-4540-2	15942	E-35	9
0283-4-4511-4	15942	E-10	REF	0283-4-4541	15942	E-33	13
0283-4-4511-6	15942	E-17	18	0283-4-4541	15942	E-36	REF
0283-4-4511-6	15942	E-21	REF	0283-4-4542	15942	E-33	20
0283-4-4513-1	15942	E-17	1	0283-4-4543	15942	E-36	3
0283-4-4513-1	15942	E-18	REF	0283-4-4544	15942	E-32	2

SECTION IV. NATIONAL STOCK NUMBER AND PART NUMBER INDEX

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
0283-4-4544-1	15942	E-32	3	543	75382	E-35	5
0283-4520-1	15942	E-18	8	5503-1	75582	E-24	17
10-101949-14	77820	E-3	9	56-10-801-10	94222	E-5	7
10-101960-14-3	77820	E-3	6	56-10-801-10	94222	E-6	6
10-32X1 1-8INLG	70318	E-36	7	56-10-801-10	94222	E-18	2
10-32X3-4CRES	70318	E-8	14	56-10-801-10	94222	E-26	10
10-32X3-4CRES	70318	E-19	19	56-10-801-10	94222	E-27	11
10-32X3-4CRES	70318	E-26	6	566-1-2006	15942	E-8	20
10-32X3-4CRES	70318	E-29	11	566-1-2006	15942	E-19	13
11IN.CARRIAGE	08288	E-1	26	566-1-2027	15942	E-7	13
1369	75582	E-10	17	566-1-2028	15942	E-7	11
1369	75582	E-21	5	566-1-2029	15942	E-7	17
1369	75582	E-23	5	566-1-2030	15942	E-7	16
1369	75582	E-24	21	566-1-2031	15942	E-7	14
1420-3-3787	15942	E-26	5	566-1-2032	15942	E-7	6
15752XC5L	14068	E-19	10	566-3-2960	15942	E-13	3
15752XC5L	14608	E-8	23	566-3-2961	15942	E-13	5
15752XC5L	14608	E-29	16	566-3-2962	15942	E-13	4
1703-1-1184	15942	E-37	4	566-3-2966	15942	E-8	4
2A11940	72882	E-8	20	566-3-2966	15942	E-19	8
2A11940	72882	E-19	13	566-3-3961	15942	E-1	7
2595	70485	E-13	6	566-3-3961	15942	E-13	REF
271-10011P1	49956	E-24	22	566-3-3962	15942	E-13	1
320X18INLG	83508	E-8	15	5733	75582	E-34	12
320X18INLG	83508	E-19	16	579	75582	E-14	7
320X18INLG	83508	E-29	12	579	75582	E-22	13
3302	59730	E-10	3	61036-70AL	63448	E-1	17
3302	59730	E-21	3	653W	63355	E-14	8
3302	59730	E-23	3	653W	63355	E-22	8
3302	59730	E-24	3	722-0007	24618	E-14	13
44-99-116-13	94222	E-18	6	722-0007	24618	E-22	7
44-99-117-13	94222	E-5	5	722-0009	24618	E-35	18
470-16	52223	E-1	39	723898-554	82577	E-1	29
52-012-062-0750	72962	E-7	18	7526	74545	E-10	15
542	75382	E-34	10	7526	74545	E-21	10
542	75382	E-35	7	7526	74545	E-23	10
543	75382	E-34	8	7529	74545	E-24	16

Section 1. INTRODUCTION

F-1 SCOPE. This appendix lists expendable supplies and materials you will need to operate and maintain the Data Analysis Central AN/TYQ-5. These items are authorized to you by CTA 50-970, Expendable Items (except Medical, Class V, Repair Parts, and Heraldic Items).

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").

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

COperator/Crew
OOrganizational maintenance
FDirect support maintenance

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.

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.

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.

SECTION II. EXPENDABLE SUPPLIES AND MATERIALS LIST

(1)	(2)	(3)	(4)	(5)
ITEM NUMBER	LEVEL	NATIONAL STOCK NUMBER	DESCRIPTION	U/M
1	C	8305-00-267-3015	LINT FREE CHEESCLOTH TYPE II, CLASS 2	RO
2	C	7930-00-395-9542	CLEANING COMPOUND, TRICHLOROETHANE	CAN
3	C	9150-00-231-6640	OIL, GENERAL PURPOSE	CAN
4	C	7930-00-634-1362	DETERGENT	BX

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

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



THEN... JOT DOWN THE DOPE ABOUT IT ON THIS FORM, CAREFULLY TEAR IT OUT, FOLD IT AND DROP IT IN THE MAIL!

SOMETHING WRONG WITH THIS PUBLICATION?

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)
OPERATIONS SECTION
375TH ASA CO.
FORT HOOD, TX 76544

DATE SENT

PUBLICATION NUMBER TM 32-5895-215-ESC	PUBLICATION DATE OCT 71	PUBLICATION TITLE AN/MLQ-24
---	-----------------------------------	---------------------------------------

BE EXACT... PIN-POINT WHERE IT IS

PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.
6	2H		
6	2I		

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

THE RATING FOR THIS STEP DOES NOT ACCOUNT FOR THE OPERATIONAL CONDITION OF THE COUNTER ON THE IP-81A.

RECOMMEND THIS STEP RATE THE SYSTEM RED WHEN THE COUNTER IS INOPERATIVE SINCE THE EQUIPMENT CANNOT ACCOMPLISH ITS PRIMARY MISSION.

CHANGE INSTRUCTIONS TO READ "REPEAT STEP H FOR REMAINING TURNS OF SYSTEM."

SAMPLE

PRINTED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

BILL N. ERNEST SP/4

SIGN HERE

Bill N. Ernest

DA FORM 2028-2
 1 JUL 79

PREVIOUS EDITIONS ARE OBSOLETE.

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DOD 314



OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300

Commander
US Army Electronics Materiel Readiness Activity
ATTN: SELEM-ME-E
Vint Hill Farms Station
Warrenton, Virginia 22186

TELETYPE UNIT OPERATOR USE ONLY

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PARA-GRAPH

FIGURE NO.

TABLE NO.

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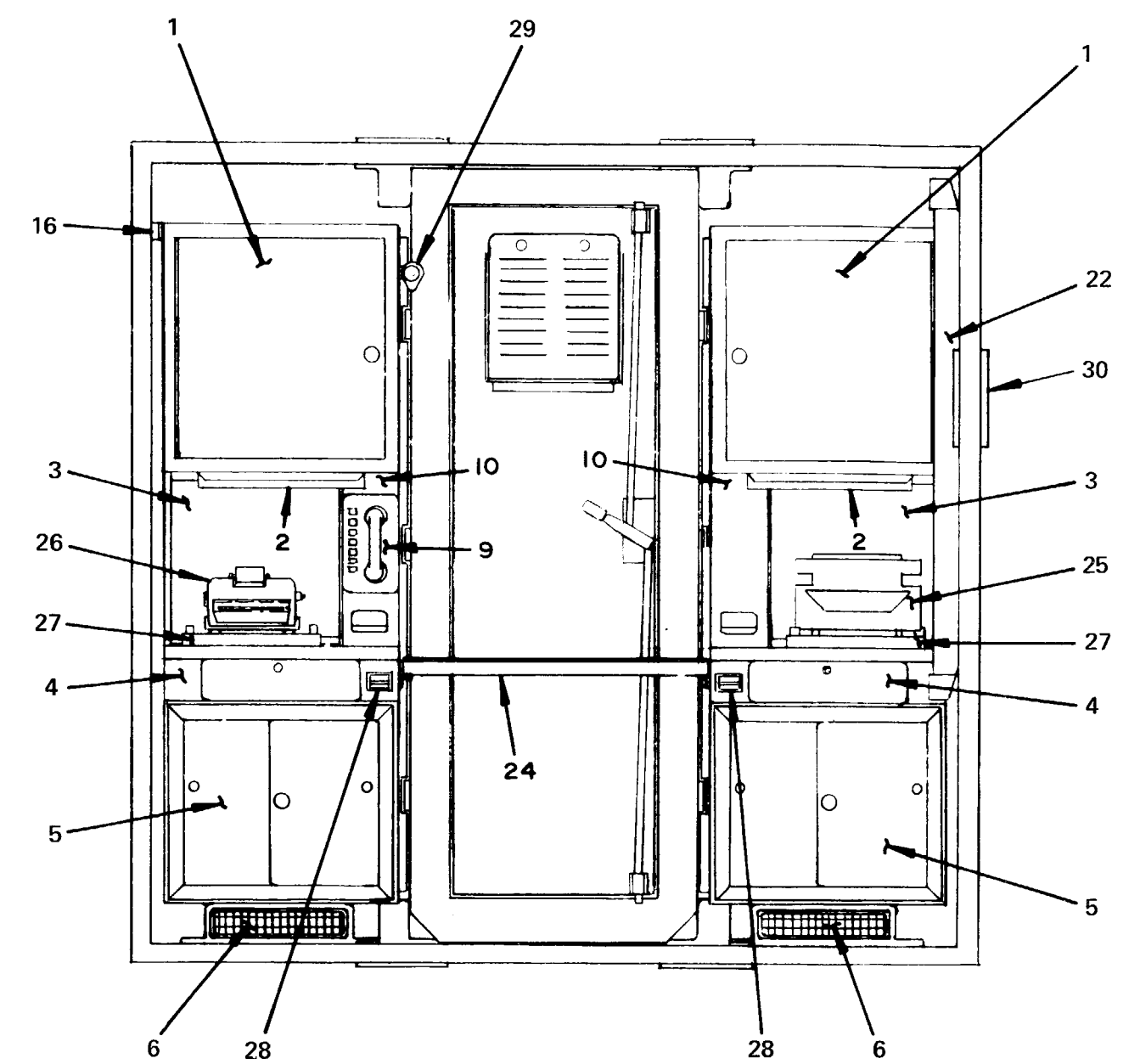
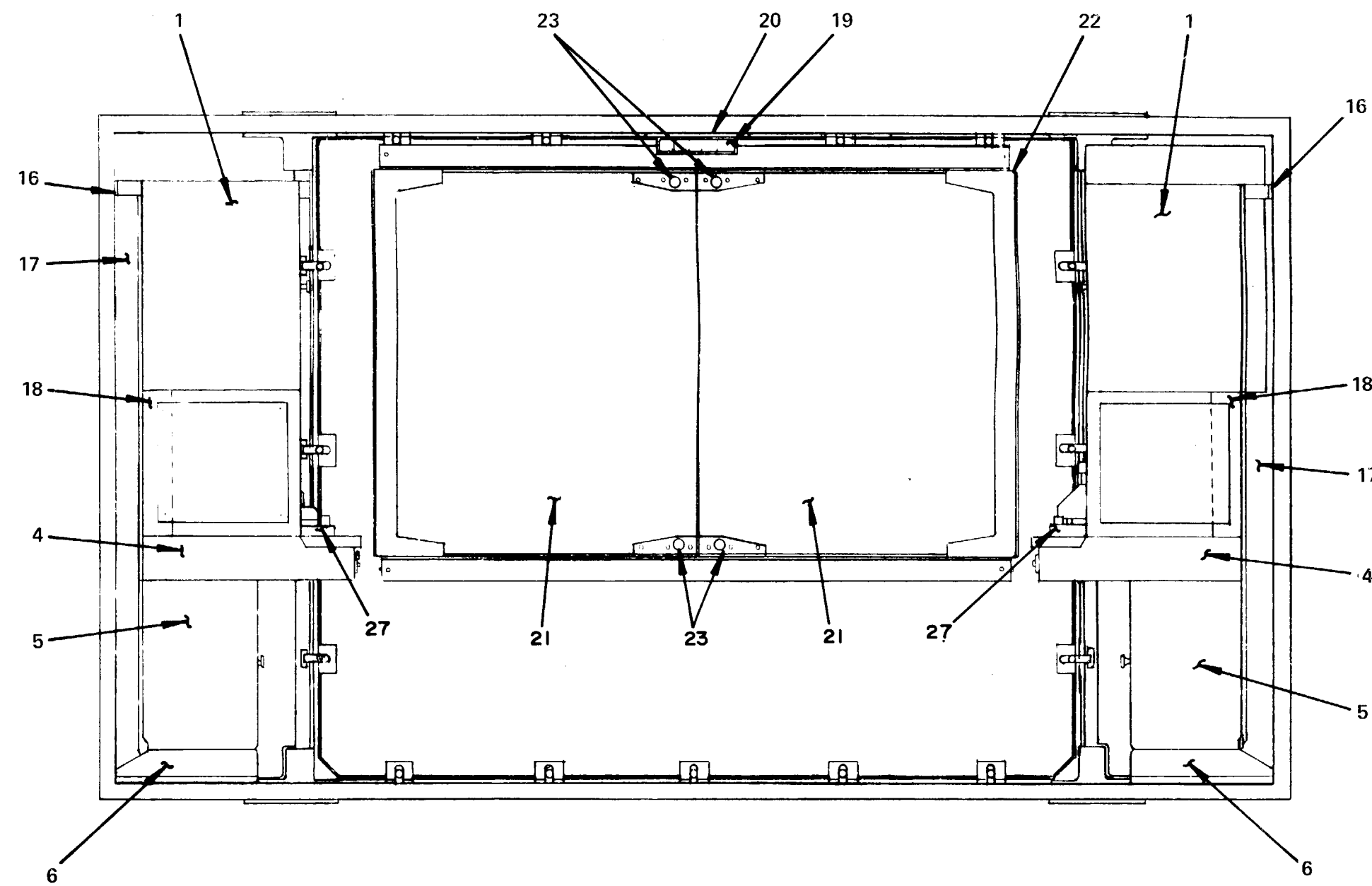
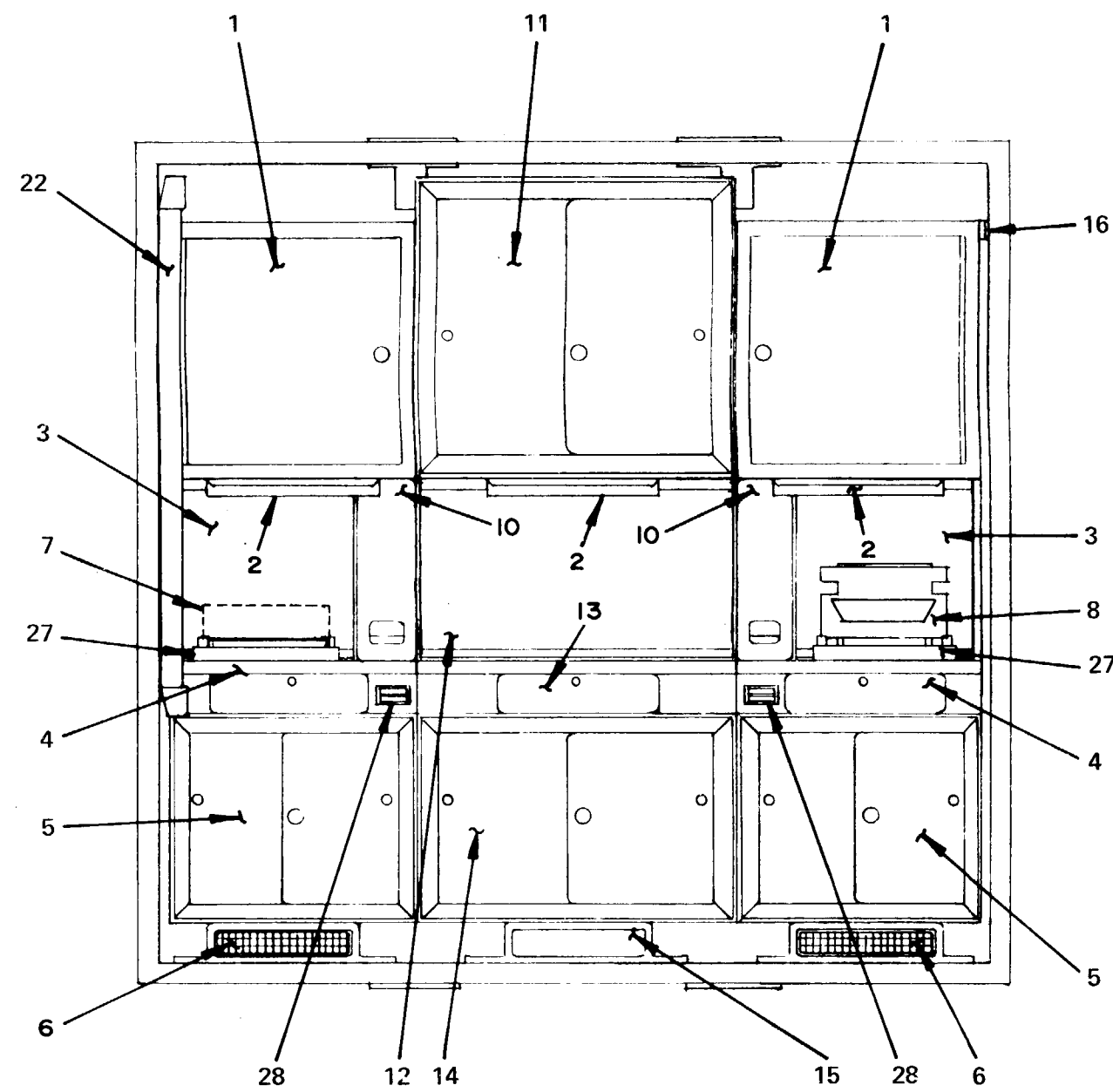
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- 1 UPPER CABINET ASSEMBLY (CORNER CONSOLE)
- 2 LIGHT UNIT ASSEMBLY
- 3 BULLETIN BOARD (CORNER CONSOLE)
- 4 WORK SURFACE ASSEMBLY (CORNER CONSOLE)
- 5 LOWER CABINET ASSEMBLY (CORNER CONSOLE)
- 6 BASE AND AIR DUCT ASSY (CORNER CONSOLE)

- 7 SPARE EQUIPMENT POSITION
- 8 GOTHIC TYPEWRITER
- 9 TELEPHONE SET TA-676(*)/G
- 10 TELEPHONE MOUNTING PANEL ASSEMBLY TA-676(*)/G
- 11 UPPER CABINET ASSEMBLY (CENTER CONSOLE)
- 12 BULLETIN BOARD (CENTER CONSOLE)

- 13 WORK SURFACE ASSEMBLY (CENTER CONSOLE)
- 14 LOWER CABINET ASSEMBLY (CENTER CONSOLE)
- 15 CABINET BASE ASSEMBLY (CENTER CONSOLE)
- 16 CORNER CABINET STABILIZER BRACKET SET
- 17 SPECIAL ELECTRICAL DUCT
- 18 ELECTRICAL DUCT EXTENSION ASSEMBLY

- 19 DIGITAL CLOCK READOUT ASSEMBLY
- 20 DIGITAL CLOCK MOUNTING PLATE
- 21 PLASTIC COVER
- 22 EDGE LIT PLOTTING BOARD
- 23 KNURLED CLOSURE KNOB
- 24 ADJUSTABLE WORK SURFACE

- 25 ELITE TYPEWRITER
- 26 CALCULATOR MACHINE
- 27 EQUIPMENT TRAY ASSEMBLY
- 28 ASH RECEIVER
- 29 PENCIL SHARPENER
- 30 CABLE ACCESS ASSEMBLY

