TM 8-6530-011-14&P

TECHNICAL MANUAL

UNIT, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE MANUAL

(INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST)

TABLE, OPERATING, FIELD

6530-00-709-8175

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HEADQUARTERS, DEPARTMENT OF THE ARMY

FEBRUARY 1998

SAFETY STEPS TO FOLLOW IF SOMEONE IS THE VICTIM OF ELECTRICAL SHOCK

Do not try to pull or grab the individual.

If possible, turn off the electrical power.

If you cannot turn off the electrical power, pull, push, or lift the person to safety using a dry wooden pole or a dry rope, or some other insulating material.

Send for help as soon as possible.

After the injured person is free of contact with the source of electrical shock, move the person a short distance away and immediately start artificial resuscitation.

Throughout this manual are WARNINGS, CAUTIONS, and NOTES. Please take time to read these. They are there to protect you and the equipment.

WARNING

Procedures which must be observed to avoid personal injury, and even loss of life.

CAUTION

Procedures which must be observed to avoid damage to equipment, destruction of equipment, or long-term health hazards.

NOTE

Essential information that should be remembered.

ELECTRICAL AND ELECTRONIC HAZARDS

» Severe injury or death can result when any part of your body comes in contact with live electrical circuits. Medical Equipment Repairers must be especially alert to the dangers of exposed circuits, terminals, power panels, and the like.

» The electrical parameter that injures and kills is CURRENT; the force that caused current to flow is called VOLTAGE. Voltage ratings are normally assigned to live electrical circuits, power supplies, and transmission lines. You should consider all voltages of 30 or more to be hazardous.

» The physiological effect of current flowing through the human body is related to the following factors:

- The path of the current through the body.
- The magnitude of the current.
- The duration of the voltage shock or discharge that causes current flow.
- The frequency of the voltage if alternating current.
- The susceptibility of damage to your heart from the current and from repeated shocks.

» Alternating current tends to concentrate near the body's surface because of the phenomenon of "skin effect." The higher the frequency of the alternating current voltage source, the more likely the current will tend to flow in or near the skin and away from internal body organs.

» The effect of current becomes more severe with the length of time that it flows through the body; a prolonged current flow can cause severe internal burns, collapse, unconsciousness, or death.

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DEPARTMENT OF THE ARMY
WASHINGTON, DC 1 FEBRUARY 1998

UNIT, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE MANUAL (INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST) TABLE, OPERATING, FIELD 6530-00-709-8175

You can help improve this manual. If you find any mistakes or if you know a way to improve procedures, please let us know. Mail a memorandum to: U.S. Army Medical Materiel Agency, 1423 Sultan Drive, Suite 100, ATTN: MCMR-MMM, Fort Detrick, MD 21702-5001. A reply will be furnished directly to you.

Approved for public release; distribution is unlimited.

TABLE OF CONTENTS

			Page
		HOW TO USE THIS MANUAL	iii
CHAPTER	1.	INTRODUCTION	
Section	I.	General Information	1-1
	II.	Equipment Description and Data	1-2
CHAPTER	2.	OPERATING INFORMATION AND INSTRUCTIONS	
Section	I.	Preparation for Operation	2-1
	II.	Operating Information	2-3
	III.	Operation of Auxiliary Equipment	2-4
	IV.	Cleaning, Disinfecting, and Sterilizing Procedures	2-4
CHAPTER	3.	UNIT LEVEL MAINTENANCE	
Section	I.	General Information	3-1
	II.	Lubrication Instructions	3-2

	III.	Preventive Maintenance Checks and Services	3-2
	IV.	Storing and Shipping Procedures	3-4
CHAPTER	4.	DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE	
Section	I.	General Information	4-1
	II.	Support Maintenance Services	4-1
APPENDIX	A.	REFERENCES	A-1
	B.	MAINTENANCE ALLOCATION CHART	B-1
	C.	COMPONENTS OF END ITEM AND BASIC ISSUE ITEMS LIST	C-1
	D.	EXPENDABLE AND DURABLE SUPPLIES AND MATERIALS LIST	D-1
	E.	REPAIR PARTS AND SPECIAL TOOLS LIST	E-1
GLOSSARY			GLOSSARY-1
INDEX			INDEX-1

LIST OF ILLUSTRATIONS

Figure No.	*Title*	*Page*
1-1	Case label	1-3
1-2	Manufacturer data plate	1-3
2-1	Carrying case	2-1
2-2	Table	2-2
E-1	Accessories	E-2
E-2	Middle section	E-4
E-3	Foot section	E-8
E-4	Leg section	E-12
E-5	Gear box	E-14
E-6	Head section	E-16

LIST OF TABLES

Table No.	*Title*	*Page*
1-1	Nomenclature cross-reference list	1-2
3-1	Operator preventive maintenance checks and services	3-3
3-2	Repairer preventive maintenance checks and services	3-3

HOW TO USE THIS MANUAL

This manual provides all the information needed to understand the capabilities, functions, and characteristics of this equipment. It describes how to set up, operate, test, and repair the equipment. You must familiarize yourself with the entire manual before operating or beginning a maintenance task.

The manual is arranged by chapters, sections, and paragraphs followed by appendixes, a glossary, an index, and DA Forms 2028-2. Use the table of contents to help locate the chapter or section for the general subject area needed. The index will help locate more specific subjects.

Chapter 3 provides a systematic method of inspecting and servicing the equipment. In this way, small defects can be detected early before they become a major problem causing the equipment to fail. Make a habit of doing the checks and services in the same order each time and anything wrong will be detected quickly.

Only perform maintenance functions specified in the maintenance allocation chart for your level of maintenance. Maintenance functions specified for higher levels of maintenance frequently require additional training; test, measurement, and diagnostic equipment; or tools.

CHAPTER 1

INTRODUCTION

Section I. GENERAL INFORMATION

1-1. Overview.

This manual describes the field operating table; provides maintenance personnel with equipment technical data and installation procedures; and provides operational and maintenance functions, services, and actions. Additional information follows:

a. Type of manual. Unit, direct support (DS), and general support (GS) maintenance (including repair parts and special tools list).

b. Model number and equipment name. No model number, Table, Operating, Field.

c. Purpose of equipment. To provide an operating and examining table for use in a field environment.

1-2. Explanation of abbreviations and terms.

Special or unique abbreviations, acronyms, and terms used within this manual are explained in the glossary.

1-3. Maintenance forms, records, and reports.

TB 38-750-2 prescribes forms, records, reports, and procedures.

1-4. Destruction of Army materiel to prevent enemy use.

AR 40-61 contains instructions for destruction and disposal of Army medical materiel. Also, the SB 8-75 series publications provide periodic information and/or instructions on the destruction of medical material.

1-5. Administrative storage.

a. Placement of the field operating table in administrative storage should be for short periods of time when a shortage of maintenance effort exists. Items should be in mission readiness condition within 24 hours or within the time factors as determined by the directing authority. During the storage period, appropriate maintenance records will be kept.

b. Perform preventive maintenance checks and services (PMCS) listed in tables 3-1 and 3-2 before placing Army equipment in administrative storage. When equipment is removed from storage, PMCS will be performed to ensure operational readiness.

c. Inside storage is preferred for equipment selected for administrative storage.

1-6. Preparation for storing and shipping.

Procedures to prepare the field operating table for storing and shipping are listed in chapter 3, section IV.

1-7. Quality control (QC).

TB 740-10/DLAM 4155.5/AFR 67-43 contains QC requirements and procedures.

1-8. Nomenclature cross-reference list.

Table 1-1 identifies official versus commonly used nomenclatures.

Table 1-1. Nomenclature cross-reference list.

Common name	*Official nomenclature*
Field operating table	Table, operating, field
Anesthetist's screen	Ether screen

1-9. Reporting and processing medical materiel complaints and/or quality improvement reports.

AR 40-61 prescribes procedures for submitting medical materiel complaints and/or quality improvement reports for the field operating table.

1-10. Warranty information.

A warranty is not applicable.

Section II. EQUIPMENT DESCRIPTION AND DATA

1-11. Equipment characteristics, capabilities, and features.

a. Components.

(1) This field operating table consists of a table top supported by an adjustable leg assembly. The table top is constructed in four sections:

(a) Removable headrest

(b) Back section

(c) Seat section

(d) Leg section

(2) The table top can be placed into the following operative positions:

(a) Trendelenberg

(b) Tredelenberg with legs extended

(c) Reverse with legs extended

(d) Genitourinary

(e) Straight chair

(3) The carrying case is constructed so that it can be used as an instrument and supply table.

(4) The table accessories are stored in two canvas pouch inserts:

(a) Pouch for leg holders

(b) Pouch for small accessories

b. Accessories. Each table is provided with the following removable accessories:

(1) Adjustable shoulder supports (1 set)

(2) Angulating anesthetist's screen (1 ea)

(3) Lithotomy leg holders (1 set)

(4) Adjustable foot rest (1 ea)

(5) Litter supports (4 ea)

(6) Wristlets with adjustable holders (1 set)

(7) Accessory support sockets (6 ea)

1-12. Identification, instruction, and warning plates, decals, or markings.

a. Management and manufacturer information is located on top of the case. The case label is 1-inch black letters printed on the outside of the top of the case (fig 1-1).

b. The manufacturer data plate (fig 1-2) is a 3 1/2-inch by 2 3/4-inch cast aluminum plate with 1/4-inch engraved letters located on the gear assembly cover.

Figure 1-1. Case label.

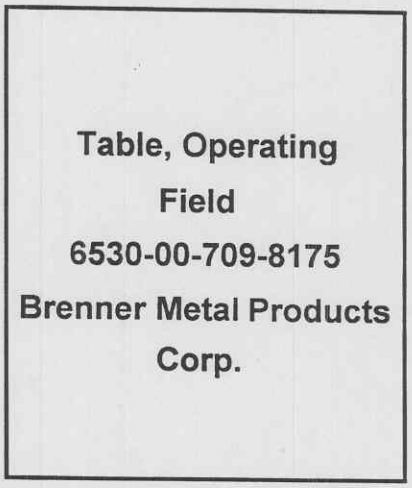

Figure 1-2. Manufacturer data plate.

1-13. Model differences.

Model differences are not applicable since this manual covers a single model.

1-14. Safety, care, and handling.

a. Observe each WARNING, CAUTION, and NOTE in this manual.

b. Read the following operating instructions in this manual before operating the unit. Refer servicing to qualified Medical Equipment Repairer personnel.

CHAPTER 2

OPERATING INFORMATION AND INSTRUCTIONS

Section I. PREPARATION FOR OPERATION

2-1. Scope.

This manual is primarily intended to provide information, instructions, and procedures for the maintenance of the field operating table. The operating information and instructions, while valid, do not provide sufficient information for positioning of the field operating table.

2-2. Installation and assembly.

a. Removal from carrying case (fig 2-1).

(1) Open carrying case lids.

(2) Unbuckle the straps holding the table down in its carrying case.

(3) Remove component parts and pouches.

(4) Remove table from carrying case.

NOTE

Case may be turned upside down for use as an instrument and supply table.

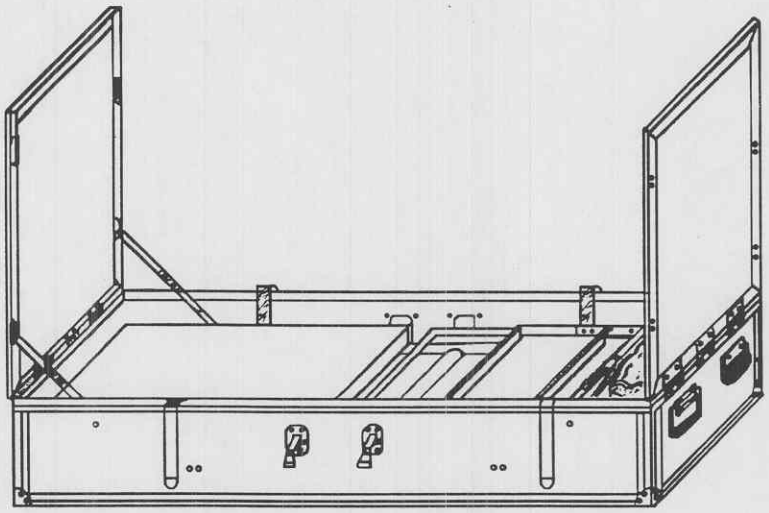

Figure 2-1. Carrying case.

b. Assembly of the table (fig 2-2).

(1) Hold the table in an upright position:

(a) Spread the triangular leg assembly.

(b) Drop the telescoping rod bolted to the leg section brace.

(c) Spread the triangular leg assembly.

(d) Drop the other telescoping rod bolted to the leg section brace.

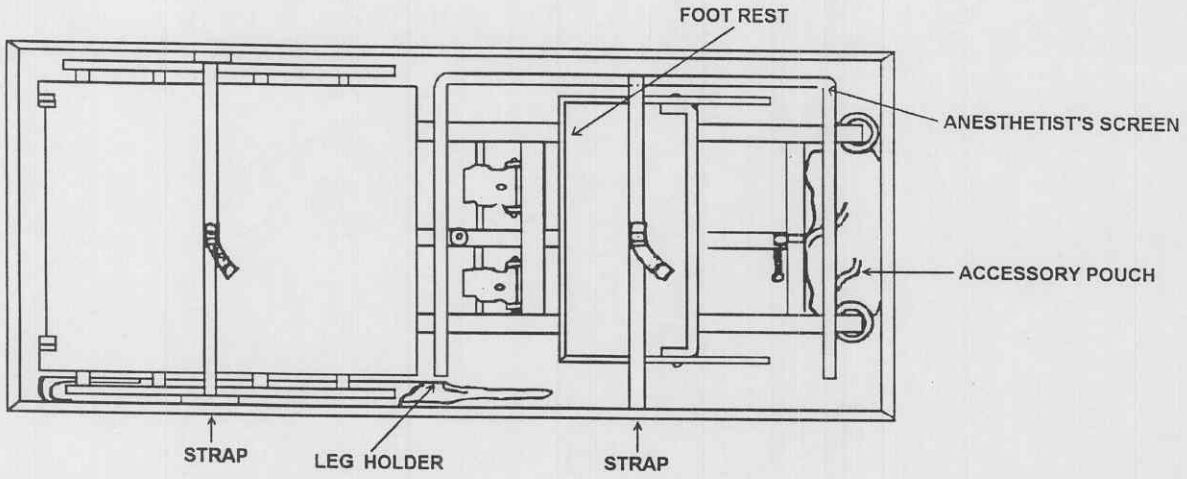

Figure 2-2. Table.

(e) Fasten the foot end of the rod to the head-end brace by means of the spring-loaded lock provided.

(f) Slide hand crank over the shaft extending from the gear boxes on either side of the table and turn the crank to bring the body section of the table to the horizontal position.

(2) To bring leg section to horizontal position:

(a) With one hand, grasp the cross rod of the leg section supporting brace (located just below the seat section) and pull it up and towards the seat cutout, holding it while the other hand presses the leg section release handle against the underside of the foot end of the leg section and pushes the entire leg section straight up in its vertical plane.

(b) With the leg section held up, push the cross rod of the supporting brace downward and under the seat section. Bring the leg section carefully up to the horizontal position, removing your hand from leg section and release handle.

(c) If the leg section does not move freely to the horizontal position, do not force it. Indications are that it has not been raised high enough to allow its hinge shaft to rotate in the top circular ends of the slotted castings at the sides of the seat sections.

2-3. Attachment of accessories.

a. Slide the leg holder sockets, with tee-handle screws attached, over the side rails of the table from the head end and position them at the leg end of the seat section.

b. Slide wristlet assemblies over the side rails from the head end of the table and fasten with the thumbscrews provided.

c. Slide combination anesthetist's screen and shoulder support holders over the side rails at the head end of the table so that the small thumbscrews are located at the bottom of the assembly, where they will contact the undersurfaces of the anesthetist's screen when it is inserted.

d. Slip the anesthetist's screen in the round holes of the holders and fasten with the thumbscrews.

e. Place short ends of shoulder support angle bars in the slotted holes of the holders at the head end with the long ends of the bars extending laterally over top of the table.

f. Slip shoulder supports over long ends of the angle bars and fasten with thumbscrews provided.

g. Slide foot rest sockets with small thumbscrews attached over the side rails at the foot end of the leg section.

h. Slip foot rest prongs into the foot rest sockets and fasten with thumbscrews.

i. Insert leg holder rods with straps attached into the leg holder sockets at the leg end of the seat section and fasten securely with the tee-handle screws.

j. Slip head rest rods into the two holes in the head end of the back section and fasten with the thumbscrews provided directly under the back section.

k. Adjustable cups, to hold the stirrups of litters, necessitate removal of the foot rest and shoulder supports. The cups are then inserted in the four empty sockets and spaced properly along the side rails to receive the four stirrups of a litter.

Section II. OPERATING INFORMATION

2-4. Elevation.

Lift the spring loaded pin of the telescoping rod assembly and increase or decrease the spread of the triangular leg assembly to one of the six different points at which the pin will engage one of the six holes in the shaft of the telescoping rod assembly.

2-5. Head rest.

a. Tilt the head rest by pulling out the finger-tip handle on the underside and pushing the head rest up or down to the desired angle.

b. Extend or remove the head rest by loosening the thumbscrews on the underside of the back section and moving the head rest in or out to the desired position.

2-6. Anesthetist's screen.

a. Longitudinal adjustment of the anesthetist's screen is accomplished by sliding the socket assembly back or forth on the side rails or by sliding the anesthetist's screen back and forth in its sockets.

b. Angular adjustment of the anesthetist's screen is accomplished by loosening the hand screws on the socket assembly and tilting the screen to desired angle.

2-7. Shoulder supports.

a. Longitudinal adjustment of the shoulder supports is accomplished by sliding the socket assembly along the side rails of the back section.

b. Lateral adjustment of the shoulder supports is accomplished by loosening the thumbscrew on each and sliding along the mounting bar to the desired position.

2-8. Wristlets.

Longitudinal adjustment of wristlets is accomplished by loosening the thumbscrews on their mountings and sliding along the side rails of the seat to desired position.

2-9. Leg holders.

a. Elevation of leg holders may be adjusted by loosening the tee-handle screws and sliding the rods up or down to the desired height.

b. Longitudinal positioning of leg holders is made by loosening tee-handle screws and sliding mounting socket forward or backward.

c. Lateral adjustment of leg holders is made by loosening tee-handle screws and revolving leg holder rods in the sockets.

2-10. Foot rests.

Longitudinal adjustment of foot rests is accomplished by loosening thumbscrews on the mounting sockets and sliding them along the side rails to desired position.

2-11. Back section.

a. To raise the back section above horizontal, lift it manually to a 10, 25, 45, or 65 degree angle as desired, where it will be held in position by a ratchet and pawl assembly.

b. To lower the back section, lift the ratchet and pawl assembly and lower back section to desired position.

2-12. Seat section.

Trendelenberg and reverse Trendelenberg positions of the seat section and entire table top are accomplished by slipping the hand crank on the shaft extending from the gear box on either side of the table and turning the hand crank in either direction to give the desired angle.

2-13. Leg section.

a. Lower the leg section below horizontal by pressing the leg section release handle against the underside of the foot end of the leg section and allowing the leg section to drop to the desired position.

b. Raise the leg section by merely pulling it up manually. It will be held in position by the ratchet and pawl assembly.

Section III. OPERATION OF AUXILIARY EQUIPMENT

2-14. Associated support items of equipment.

The field operating table requires no associated support items of equipment.

Section IV. CLEANING, DISINFECTING, AND STERILIZING PROCEDURES

2-15. General.

a. Aluminum, plated, or stainless steel parts and surfaces can be kept clean by wiping with a damp cloth and mild detergent.

b. Cloth accessories can be kept aseptic by scrubbing frequently with mild soap.

CHAPTER 3

UNIT LEVEL MAINTENANCE

Section I. GENERAL INFORMATION

3-1. Overview.

a. Unit level maintenance. This level of maintenance is the responsibility of and performed by a using unit on its assigned equipment. Responsibilities are stratified as follows:

(1) *Operator maintenance.* This segment of unit level maintenance is performed by operator/user personnel and consists of equipment operational functions; routine services like cleaning, dusting, washing, checking for frayed cables, and stowing items not in use; and checking for loose hardware, replacing operator accessories, and replacing operator repair parts. Replacing operator parts will not require extensive disassembly or assembly of the end item, critical adjustments after replacement, or the extensive use of tools.

(2) *Specialist maintenance.* This segment of unit level maintenance is performed only by trained Medical Equipment Repairers. The functions and services include—

(a) Scheduling and performing PMCS, electrical safety inspections and tests, and calibration/verification/certification (CVC) services.

(b) Performing unscheduled maintenance functions with emphasis on replacing assemblies, modules, or printed circuit boards (PCBs), when available.

(c) Operating a repair parts program to include Class VIII repair parts as well as other commodity class repair parts used on medical equipment.

(d) Maintaining a library of technical manuals (TMs), manufacturers' literature, repair parts information, and related materials.

(e) Conducting inspections on new or transferred equipment.

(f) Establishing administrative procedures of the control and administration of maintenance services in accordance with TB 38-750-2.

(g) Notifying support maintenance battalions of requirements and/or evacuating unserviceable equipment, assemblies, or modules.

b. Maintenance functions. Maintenance functions, both preventive and corrective, which are beyond the scope of the operator/user are assigned to unit level Maintenance Equipment Repairer personnel. These personnel will perform the majority of maintenance required for the equipment except some tasks involving the manufacturing of parts.

3-2. Tools and test equipment.

Common tools and test equipment required for unit level maintenance of the equipment are listed in appendix B, section III of this manual. Refer to your unit's modified table of organization and equipment (MTOE) for authorized items.

3-3. Components of end item and basic issue items.

Components of end item and basic issue items are listed in appendix C, sections II and III of this manual.

3-4. Expendable supplies.

Expendable and durable supplies and materials required for maintenance of the equipment are listed in appendix D, section II of this manual.

3-5. Repair parts.

Repair parts required for unit level maintenance are listed in appendix E, section II of this manual.

3-6. Special tools.

Special tools required for unit level maintenance of the equipment are listed in appendix E, section III of this manual.

Section II. LUBRICATION INSTRUCTIONS

3-7. General.

a. The hand crank shaft should receive a drop of machine oil at the points where it passes through its bearing housings at least semiannually or as frequently as humidity conditions demand.

b. Gear assemblies should receive a light application of grease every six months.

c. Threaded and moving parts used for adjusting purposes should be wiped frequently with a cloth soaked in light machine oil. Such parts include all thumbscrews, hand screws, joints, and levers that are in frequent use.

Section III. PREVENTIVE MAINTENANCE CHECKS AND SERVICES

3-8. General.

a. The field operating table must be inspected and serviced systematically to ensure that it is ready for operation at all times. Inspection will allow defects to be discovered and corrected before they result in serious damage or failure.

b. Table 3-1 contains a list of items to be performed by unit level operator/user personnel. This PMCS table is also referred to as "-10 PMCS" requirements. There are things operator/user personnel should do any time they need to be done, such as checking for general cleanliness, observing for improper operational indicators, and maintaining the proper quantities of operating supplies.

c. Table 3-2 contains a list of items to be performed by unit level Medical Equipment Repairers. This PMCS table is also referred to as "-20 PMCS" requirements.

d. Some items to be inspected will be listed in both table 3-1 and table 3-2 to stress their importance, to provide a quality control check on multiple operator/user personnel, and to identify more comprehensive procedures to be accomplished by unit level Medical Equipment Repairers.

e. The following is a list of the PMCS table column headings with a description of the information found in each column:

(1) *Item No.* This column shows the sequence in which to do the PMCS, and is used to identify the equipment area on the Equipment Inspection and Maintenance Worksheet, DA Form 2404.

(2) *Interval.* This column shows when each PMCS item is to be serviced: B - Before Operation, D - During Operation, A - After Operation, Q - Quarterly, and S - Semiannually. B, D, and A should be performed with daily use of the equipment.

NOTE

When the field operating table must be kept in continuous operation, check and service only those items that will not disrupt operation. Perform the complete daily checks and services when the equipment can be shut down.

(3) *Item to be Inspected and Procedure.* This column identifies the general area or specific part to be checked or serviced.

(4) *Equipment is not Ready/Available If:.* This column lists conditions that make the equipment unavailable or unusable.

Table 3-1. Operator preventive maintenance checks and services.

ITEM NO	INTERVAL					ITEM TO BE INSPECTED AND PROCEDURE	EQUIPMENT IS NOT READY/AVAILABLE IF:
	B	D	A	Q	S		
1	X		X		X	**Field operating table.**	
						a. Ensure that all components and accessories are on hand.	Missing components or accessories prevent use of the unit.
						b. Check for proper assembly.	The unit cannot be assembled properly.
						c. Verify mechanical functions of the unit.	One or more of the mechanical functions are inoperable.
2					X	**Case.**	
						a. Inspect for cracks, dents, and puncture holes.	Damaged case prevents protective storage or safe movement.
						b. Check for inoperable latches or hinges.	Unserviceable hinges or latches prevent safe storage or movement.

Table 3-2. Repairer preventive maintenance checks and services.

ITEM NO	INTERVAL					ITEM TO BE INSPECTED AND PROCEDURE	EQUIPMENT IS NOT READY/AVAILABLE IF:
	B	D	A	Q	S		
1					X	**Field operating table.**	
						a. Verify that components and accessories have been inventoried by operator/user personnel.	Missing components or accessories prevent operation of the unit.
						b. Ensure proper assembly.	The unit cannot be assembled and used.
						c. Verify mechanical functions of the unit.	One or more of the mechanical functions are inoperable.
2					X	**Case.**	
						a. Verify that the case contains no damage that prevents storage and movement of the field operating table.	Damaged case prevents safe storage or movement of the unit.
						b. Check for inoperable hinges for handles.	Unserviceable hinges or latches prevent safe storage or movement.

3-9. Reporting deficiencies.

If operator/user personnel discover problems with the equipment during PMCS that they are unable to correct, they must report them. Refer to TB 38-750-2 and report the deficiency using the proper forms. Consult with your unit level Medical Equipment Repairer if you need assistance.

Section IV. STORING AND SHIPPING PROCEDURES

3-10. Preparation for storing and shipping.

a. The field operating table, packed in its case, is suitable for storing for short periods of time.

b. The field operating table, packed in its case, is suitable for shipping. Notify your unit transportation point for assistance, if necessary.

CHAPTER 4

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE

Section I. GENERAL INFORMATION

4-1. Overview.

This chapter provides for maintenance that is beyond the capability, capacity, and authorization for unit level maintenance personnel. The procedures in this chapter should not be attempted at the unit level.

4-2. Tools and test equipment.

Common tools and test equipment required for support maintenance of the unit are listed in appendix B, section III. Refer to your unit's MTOE or installation table of distribution and allowances (TDA) for authorized items.

4-3. Components of end item and basic issue items.

Components of end item and basic issue items are listed in appendix C, sections II and III.

4-4. Expendable supplies.

Expendable and durable supplies and materials for support maintenance are listed in appendix D, section II.

4-5. Repair parts.

Repair parts required for support maintenance are listed in appendix E, section II.

4-6. Special tools.

Special tools required for support maintenance are listed in appendix E, section III.

Section II. SUPPORT MAINTENANCE SERVICES

4-7. General.

Specific procedures and instructions for support maintenance services are not currently available.

APPENDIX A

REFERENCES

A-1. Army regulations.

AR 40-61	Medical Logistics Policies and Procedures
AR 710-2	Supply Policy Below the Wholesale Level
AR 725-50	Requisitioning, Receipt, and Issue System
AR 750-1	Army Materiel Maintenance Policy and Retail Maintenance Operations

A-2. Technical manual.

TM-DPSC-6500-RPL	Medical Materiel: Medical Repair Parts Reference List

A-3. Technical bulletins.

TB MED 7	Maintenance Expenditure Limits for Medical Materiel
TB 8-6500-MPL	Mandatory Parts List for Medical Equipment
TB 38-750-2	Maintenance Management Procedures for Medical Equipment
TB 740-10/DLAM 4155.5/AFR 67-43	Quality Control, Depot Storage Standards, Appendix M, Medical Supplies

A-4. Field manual.

FM 21-11	First Aid for Soldiers

A-5. Supply bulletin.

SB 8-75-( ) - series	Army Medical Department Supply Information

A-6. Other publication.

(This publication may be obtained from U.S. Army Medical Materiel Agency, 1423 Sultan Drive, Suite 100, ATTN: MCMR-MMM, Fort Detrick, MD 21702-5001.)

Service Manual, Brenner Metal Products.

APPENDIX B

MAINTENANCE ALLOCATION CHART

Section I. INTRODUCTION

B-1. General.

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

b. 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 levels.

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

d. Section IV contains supplemental instructions, explanatory notes, and/or illustrations required for a particular maintenance function.

B-2. Explanation of columns in section II.

a. Group Number, Column 1. The assembly group number (Group No.) column is a numerical group assigned to each assembly. The applicable assembly groups are listed in the maintenance allocation chart (MAC) in disassembly sequence beginning with the first assembly removed in a top down disassembly sequence.

b. Assembly Group, Column 2. This column contains a brief description of the components of each assembly group.

c. Maintenance Functions, Column 3. This column lists the various maintenance functions (A through K) and indicates the lowest maintenance level authorized to perform these functions. The symbol designations for the various maintenance levels are as follows:

C - Operator or crew

O - Unit maintenance

F - Direct support maintenance

H - General support maintenance

D - Depot maintenance

The maintenance functions are defined as follows:

A - Inspect. To determine serviceability of an item by comparing its physical, mechanical, and electrical characteristics with established standards.

B - Test. To verify serviceability and to detect electrical or mechanical failure by use of test equipment.

C - Service. To clean, to preserve, to charge, and to add lubricants, cooling agents, and air. If it is desired that elements such as painting and lubricating be defined separately, they may be so listed.

D - Adjust. To rectify to the extent necessary to bring into proper operating range.

E - Align. To adjust specified variable elements of an item to bring it to optimum performance.

F - Calibrate. To determine the corrections to be made in the readings of instruments or test equipment used in precise measurement. Consists of the comparison of two instruments, one of which is a certified standard of known accuracy, to detect and adjust any discrepancy in the accuracy of the instrument being compared with the certified standard.

G - Install. To set for use in an operational environment such as tents or International Standards Organization shelters.

H - Replace. To replace unserviceable items with serviceable like items.

I - Repair. Those maintenance operations necessary to restore an item to serviceable condition through correction of material damage to a specific failure. Repair may be accomplished at each level of maintenance.

J - Overhaul. Normally the highest degree of maintenance performed by the Army in order to minimize time work in process consistent with quality and economy of operation. It consists of that maintenance necessary to restore an item to completely serviceable condition as prescribed by a maintenance standard in technical publications for each item of equipment. Overhaul normally does not return an item to like new condition.

K - Rebuild. The highest degree of material maintenance. It consists of restoring equipment as nearly as possible to new condition in accordance with original manufacturing standards. Rebuild is performed only when required by operational considerations or other paramount factors and then only at the depot maintenance level.

d. Tools and Equipment, Column 4. This column is provided for referencing by code, the tools and test equipment (sec III) required to perform the maintenance functions.

e. Remarks, Column 5. This column is provided for referencing by code, the remarks (sec IV) pertinent to the maintenance functions.

B-3. Explanation of columns in section III.

a. Reference Code, Column 1. This column correlates to section II, column 4.

b. Maintenance Level, Column 2. This column identifies the maintenance levels using the tools and test equipment.

c. Nomenclature, Column 3. This column identifies the tools and test equipment.

d. National Stock Number, Column 4. This column provides the national stock number (NSN) of the specific tools or test equipment.

B-4. Explanation of columns in section IV.

a. Reference Code, Column 1. This column correlates to section II, column 5.

b. Remarks, Column 2. This column provides supplemental information or explanatory notes pertinent to the maintenance function in section II.

Section II. MAINTENANCE ALLOCATION CHART FOR FIELD OPERATING TABLE

(1) GROUP NO.	(2) ASSEMBLY GROUP	(3) MAINTENANCE FUNCTIONS A	B	C	D	E	F	G	H	I	J	K	(4) TOOLS AND EQUIPMENT	(5) REMARKS
01	"H" Pouch	C 0.1							C 0.1					
02	"G" Pouch	C 0.1							C 0.1					
03	Strap, Foot Rest	C 0.1							C 0.1					
04	Cover, Foot Rest	C 0.1							C 0.1					
05	Foot Rest		O 0.1						C 0.1					
06	Middle Section		O 0.2							O 1.5	F 4.4	D 8.0	01,02	
07	Foot Section		O 0.2							O 0.8	F 2.4	D 4.6	01,02	
08	Leg Section		O 0.2							O 1.1	F 2.8	D 5.8	01,02	
09	Gear Box		O 0.4							O 2.4	F 3.8	D 5.2	01,02	
10	Head Section	C	O 0.3							O 1.8	F 2.8	D 4.2	01,02	

Section III. TOOLS AND TEST EQUIPMENT FOR FIELD OPERATING TABLE

(1) REFERENCE CODE	(2) MAINTENANCE LEVEL	(3) NOMENCLATURE	(4) NATIONAL STOCK NUMBER
01	O,F,H,D	Tool Kit, Medical Equipment Maintenance and Repair: Repairmans	5180-00-611-7923
02	O,F,H,D	Tool Kit, Medical Equipment Maintenance and Repair: Organizational	5180-00-611-7924

Section IV. REMARKS FOR FIELD OPERATING TABLE

(1) REFERENCE CODE	(2) REMARKS
	NO REMARKS ARE REQUIRED.

APPENDIX C

COMPONENTS OF END ITEM AND BASIC ISSUE ITEMS LIST

Section I. INTRODUCTION

C-1. Scope.

This appendix lists components of end items and basic issue items for the equipment to help you inventory items required for safe and efficient operation.

C-2. General.

The Components of End Item and Basic Issue Items list are divided into the following sections:

a. Components of End Item. These items are part of the end item, but are removed and separately packaged for transportation or shipment. As part of the end item, these items must be with the end item whenever it is issued or transferred between property accounts.

b. Basic Issue Items. These are the minimum essential items required to place the equipment in operation, to operate it, and to perform emergency repairs. Basic issue items must be with the equipment during operation and whenever it is transferred between property accounts. This manual is your authority to request or requisition basic issue items, based on MTOE authorization of the end item.

C-3. Explanation of columns.

The following provides an explanation of columns found in both listings:

a. Item Number, Column 1. This column indicates the item number assigned to the item.

b. National Stock Number, Column 2. This column indicates the national stock number assigned to the item.

c. Description, Column 3. This column indicates the federal item name and, if required, a minimum description to identify and locate the item. The last line for each item indicates the commercial and government entity (CAGE) code in parentheses followed by the part number.

d. Unit of Measure, Column 4. This column indicates the unit of measure used in performing the actual operational or maintenance function. This measure is expressed by a two-character alphabetical abbreviation. These abbreviations are listed in the glossary.

e. Quantity, Column 5. This column indicates the quantity (QTY) of the item(s) provided with the equipment.

Section II. COMPONENTS OF END ITEM FOR FIELD OPERATING TABLE

(1) ITEM NUMBER	(2) NATIONAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEASURE	(5) QTY
1		Head Rest (66732) OT-671-15	EA	1
2		Pad, Shoulder (66732) OT-671-24	EA	2
3		Cover, Seat Section (66732) OT-671-30	EA	1
4		Cover, Back Section (66732) OT-671-39	EA	1
5		Cover, Foot Rest (66732) OT-671-86	EA	1

Section III. BASIC ISSUE ITEMS FOR FIELD OPERATING TABLE

(1) ITEM NUMBER	(2) NATIONAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEASURE	(5) QTY
1		Pouch, Accessories (66732) OT-671-81	EA	1
2		Pouch, Leg Holders (66732) OT-671-127	EA	1
3		Manual, Service (66732) None	EA	2

APPENDIX D

EXPENDABLE AND DURABLE SUPPLIES AND MATERIALS LIST

Section I. INTRODUCTION

D-1. Scope.

This appendix lists expendable and durable supplies and materials that are required to maintain the equipment. This listing is authorization to requisition and retain the items if not otherwise authorized.

D-2. Explanation of columns.

a. Item Number, Column 1. The item number (Item No.) is sequentially assigned.

b. Level, Column 2. This column identifies the lowest level of maintenance that requires the listed item. An explanation of the alphabetical character is provided in appendix B, section I of this manual.

c. National Stock Number, Column 3. This column indicates the national stock number assigned to the item.

d. Description, Column 4. This column indicates the federal item name and, if required, a minimum description to identify and locate the item. The last line for each item indicates the CAGE code in parentheses followed by the part number.

e. Unit of Measure, Column 5. This column indicates the unit of measure used in performing the actual operational or maintenance function. This measure is expressed by an alphabetical abbreviation. These abbreviations are listed in the glossary.

f. Quantity, Column 6. This column indicates the quantity (QTY) of the item(s) provided with the equipment.

Section II. EXPENDABLE AND DURABLE SUPPLIES AND MATERIALS LIST FOR FIELD OPERATING TABLE

(1) ITEM NO.	(2) LEVEL	(3) NATIONAL STOCK NUMBER	(4) DESCRIPTION	(5) UNIT OF MEASURE	(6) QTY
1	O	7530-01-280-0613	Cloth, Cleaning (97327) Rymple Cloth 301	EA	1
2	O	9150-00-145-0112	Lubricating Oil, Machine Tool (81349) MIL-L-46017	EA	1
3	O	9150-00-250-0926	Petroleum, Technical (F111) AIR 3565A	EA	1

APPENDIX E

REPAIR PARTS AND SPECIAL TOOLS LIST

Section I. INTRODUCTION

E-1. Scope.

This manual lists spare and repair parts, special tools, special test equipment; and other special support equipment required for the performance of unit level, direct support, general support, and depot level maintenance. It authorizes the requisitioning and issue of spare and repair parts in consonance with the MAC (app B).

E-2. General.

The Repair Parts and Special Tools List is divided into the following sections:

a. Repair Parts, Section II. A list of repair parts authorized for the performance of maintenance in figure number and item number sequence.

b. Special Tools, Test, and Support Equipment, Section III. A list of special tools, test, and support equipment authorized for the performance of maintenance.

E-3. Explanations of columns in section II.

a. Illustration, Column 1.

(1) *Figure Number.* This column indicates the figure number (FIG NO.) of the illustration on which the item is shown.

(2) *Item Number.* This column indicates the item number (ITEM NO.) used to identify each item on the illustration.

b. National Stock Number, Column 2. This column indicates the national stock number assigned to the item.

c. Description, Column 3. This column indicates the federal item name of the item. The last line for each item indicates the CAGE code in parentheses followed by the part number.

d. Unit of Measure, Column 4. This column indicates the unit of measure used in performing the actual operational or maintenance function. This measure is expressed by a two-character alphabetical abbreviation.

e. Quantity, Column 5. This column indicates the quantity (QTY) of the item(s) to be used with or on the illustrated component, assembly, module, or end item.

E-4. Explanation of columns in section III.

a. Item Number, Column 1. This number is sequentially assigned.

b. Level, Column 2. This column identifies the lowest level of maintenance that requires the listed item. An explanation of the alphabetical character is provided in appendix B, section I of this manual.

c. National Stock Number, Column 3. This column indicates the national stock number assigned to the item.

d. Description, Column 4. This column indicates the federal item name and, if required, a minimum description to identify and locate the item. The last line for each item indicates the CAGE code in parentheses followed by the part number.

e. Unit of Measure, Column 5. This column indicates the unit of measure used in performing the actual operational or maintenance function. This measure is expressed by a two-character alphabetical abbreviation.

f. Quantity, Column 6. This column indicates the quantity (QTY) of the item(s) to be used with or on the equipment.

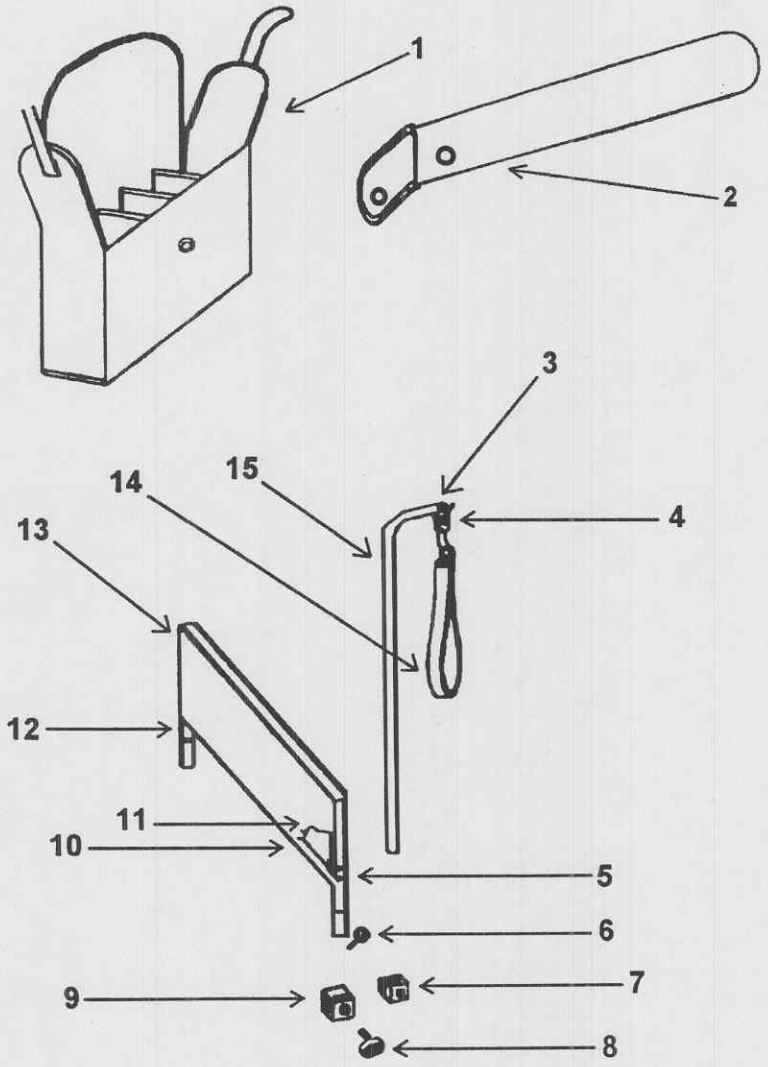

Figure E-1. Accessories.

Section II. REPAIR PARTS LIST FOR FIELD OPERATING TABLE

(1) ILLUSTRATION		(2)	(3)	(4)	(5)
FIG NO.	ITEM NO.	NATIONAL STOCK NUMBER	DESCRIPTION	UNIT OF MEASURE	QTY
E-1	1		"H" Pouch (66732) OT-671-81	EA	1
E-1	2		"G" Pouch (66732) OT-671-127	EA	1
E-1	3		Ring, Leg Holder (66732) OT-671-183	EA	2
E-1	4		Eyebolt, Swivel (66732) OT-671-131	EA	2
E-1	5		Rivet (66732) OT-671-137	EA	4
E-1	6		Screw, Machine (66732) OT-671-142	EA	2
E-1	7		Socket, Leg Holder (66732) OT-671-20	EA	2
E-1	8		Screw, Thumb (66732) OT-671-207	EA	10
E-1	9		Socket, Shoulder (66732) OT-671-18	EA	2
E-1	10		Frame, Inner (66732) OT-671-135	EA	1
E-1	11		Cover, Foot Rest (66732) OT-671-86	EA	1
E-1	12		Frame, Foot Rest, Outer (66732) OT-671-85	EA	1
E-1	13		Foot Rest Assembly (66732) OT-671-136	EA	1
E-1	14		Strap (66732) OT-671-158	EA	2
E-1	15		Holder, Leg (66732) OT-671-82	EA	2

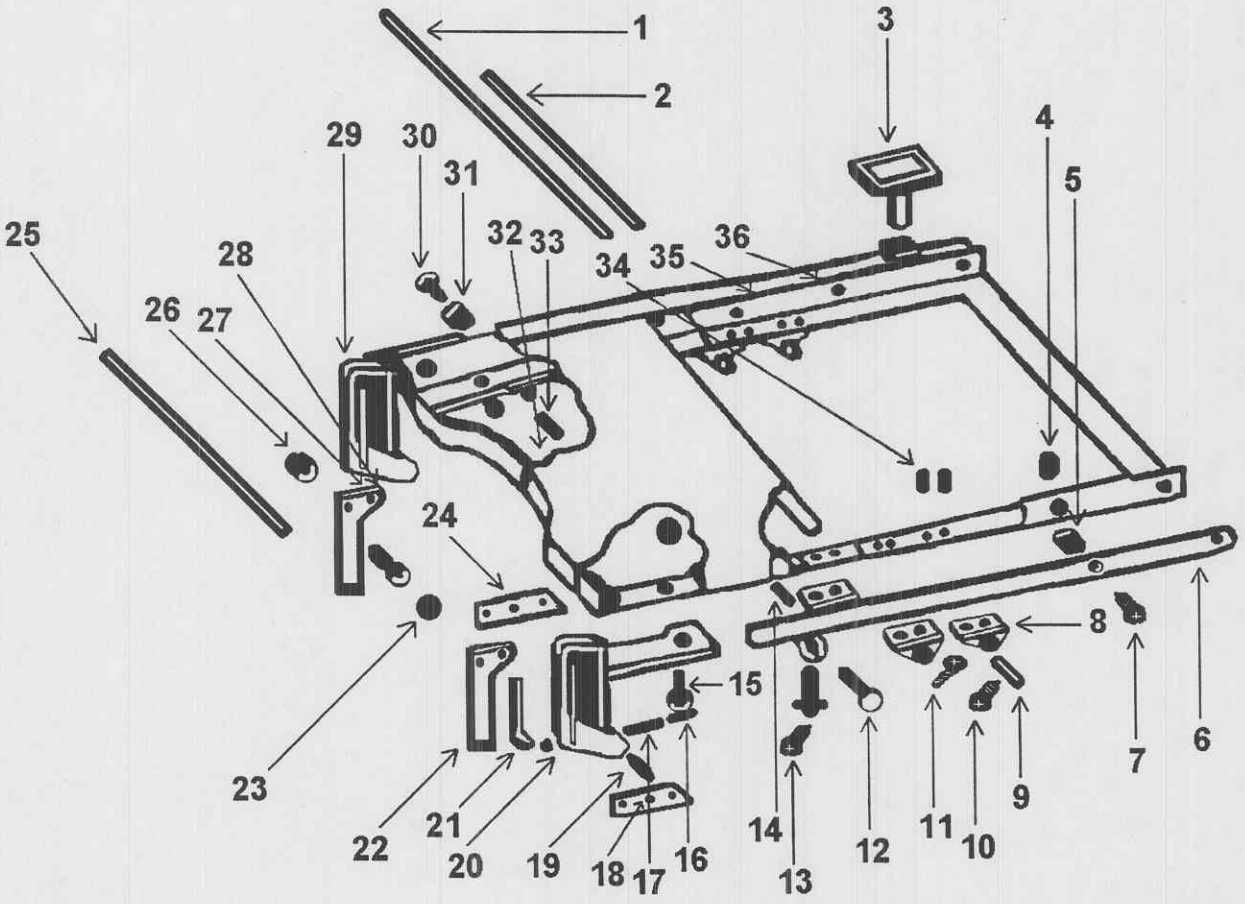

Figure E-2. Middle section.

Section II. REPAIR PARTS LIST FOR FIELD OPERATING TABLE

(1) ILLUSTRATION		(2)	(3)	(4)	(5)
FIG NO.	ITEM NO.	NATIONAL STOCK NUMBER	DESCRIPTION	UNIT OF MEASURE	QTY
E-2	1		Shaft, Back Section (66732) OT-671-46	EA	1
E-2	2		Shaft, Upper (66732) OT-671-196	EA	1
E-2	3		Cup, Litter (66732) OT-671-19	EA	4
E-2	4		Nut, Jam (66732) OT-671-212	EA	18
E-2	5		Washer, Flat (66732) OT-671-195	EA	2
E-2	6		Rail, Guide, Back Section (66732) OT-671-55	EA	2
E-2	7		Screw, Machine (66732) OT-671-52	EA	12
E-2	8		Fitting, Support (66732) OT-671-13	EA	4
E-2	9		Rod, Back Section Ratchet (66732) OT-671-96	EA	2
E-2	10		Screw, Machine (66732) OT -671-54	EA	8
E-2	11		Screw, Set (66732) OT-671-53	EA	6
E-2	12		Bolt, Shoulder (66732) OT-671-204	EA	2
E-2	13		Screw, Machine, Hex Head (66732) OT-671-50	EA	8
E-2	14		Nut, Self Locking (66732) OT-671-51	EA	6
E-2	15		Screw, Machine, Hex Head (66732) OT-671-50	EA	8
E-2	16		Screw, Set (66732) OT-671-53	EA	6
E-2	17		Spring, Compression (66732) OT-671-165	EA	2

Section II. REPAIR PARTS LIST FOR FIELD OPERATING TABLE

(1) ILLUSTRATION		(2) NATIONAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEASURE	(5) QTY
FIG NO.	ITEM NO.				
E-2	18		Plate, Hinge Guide Out (66732) OT-671-57	EA	1
E-2	19		Pin, Dowel (66732) OT-671-149	EA	2
E-2	20		Hinge, Slotted, Assembly (66732) OT-671-151L	EA	1
			and		
			Hinge, Slotted (66732) OT-671-1L	EA	1
E-2	21		Trigger (66732) OT-671-178	EA	2
E-2	22		Brace, Fitting Assembly (66732) OT-671-205R	EA	1
			and		
			Fitting, Brace (66732) OT-671-2R	EA	1
E-2	23		Bolt, Shoulder (66732) OT-671-115	EA	2
E-2	24		Plate, Weldment (66732) OT-671-59	EA	2
E-2	25		Shaft, Brace (66732) OT-671-74	EA	1
E-2	26		Washer, Flat (66732) OT-671-195	EA	2
E-2	27		Bullet, Catch (66732) OT-671-150	EA	2
E-2	28		Brace, Fitting Assembly (66732) OT-671-205L	EA	1
			and		
			Fitting, Brace (66732) OT-671-2L	EA	1

Section II. REPAIR PARTS LIST FOR FIELD OPERATING TABLE

(1) ILLUSTRATION		(2) NATIONAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEASURE	(5) QTY
FIG NO.	ITEM NO.				
E-2	29		Hinge, Slotted, Assembly (66732) OT-671-151R	EA	1
			and		
			Hinge, Slotted (66732) OT-671-1R	EA	1
E-2	30		Screw, Machine (66732) OT-671-52	EA	12
E-2	31		Spacer, Side Rail (66732) OT-671-49A	EA	14
E-2	32		Cover, Seat Section (66732) OT-671-30	EA	1
E-2	33		Nut, Jam (66732) OT-671-212	EA	18
E-2	34		Nut, Self Locking (66732) OT-671-172	EA	13
E-2	35		Frame, Leg Section (66732) OT-671-65	EA	1
E-2	36		Table, Top Assembly (66732) OT-671-48	EA	1

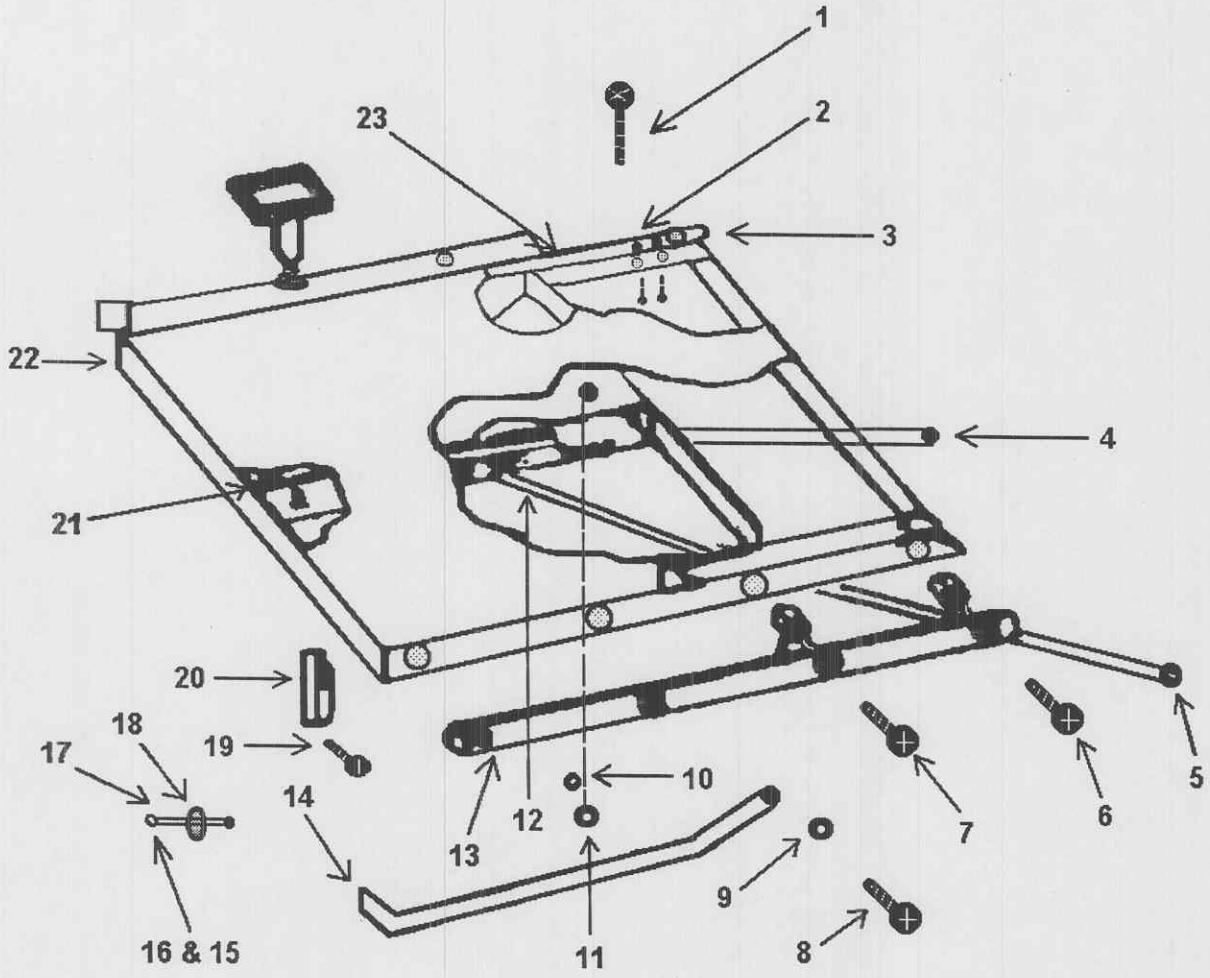

Figure E-3. Foot section.

Section II. REPAIR PARTS LIST FOR FIELD OPERATING TABLE

(1) ILLUSTRATION		(2)	(3)	(4)	(5)
FIG NO.	ITEM NO.	NATIONAL STOCK NUMBER	DESCRIPTION	UNIT OF MEASURE	QTY
E-3	1		Screw, Machine (66732) OT-671-162	EA	8
E-3	2		Plate, Hinge Guide Out (66732) OT-671-57R	EA	1
E-3	3		Plate, Guide (66732) OT-671-188	EA	1
E-3	4		Nut, Jam (66732) OT-671-212	EA	18
E-3	5		Spacer, Side Rail (66732) OT-671-49A	EA	14
E-3	6		Screw, Machine (66732) OT-671-159	EA	2
E-3	7		Screw, Machine (66732) OT-671-152	EA	6
E-3	8		Screw, Machine (66732) OT-671-166	EA	1
E-3	9		Bushing (66732) OT-671-176	EA	1
E-3	10		Nut, Hex (66732) OT-671-201	EA	1
E-3	11		Washer, Lock (66732) OT-671-200	EA	1
E-3	12		Bar, Ratchet (66732) OT-671-75	EA	1
E-3	13		Rail, Guide, Left Side (66732) OT-671-61	EA	2
E-3	14		Bar, Ratchet, Release (66732) OT-671-76	EA	1
E-3	15		Handle Assembly (66732) OT-671-187	EA	2
E-3	16		Ball End (66732) OT-671-186	EA	6
E-3	17		Handle, Leg Holder (66732) OT-671-185	EA	2

Section II. REPAIR PARTS LIST FOR FIELD OPERATING TABLE

(1) ILLUSTRATION		(2) NATIONAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEASURE	(5) QTY
FIG NO.	ITEM NO.				
E-3	18		Stud, Locking (66732) OT-671-184	EA	2
E-3	19		Screw, Machine (66732) OT-671-167	EA	2
E-3	20		Keeper, Ratchet (66732) OT-671-77	EA	1
E-3	21		Cover, Leg Section (66732) OT-671-103	EA	1
E-3	22		Leg Section Assembly (66732) OT-671-104	EA	1
E-3	23		Frame, Leg Section (66732) OT-671-65	EA	1

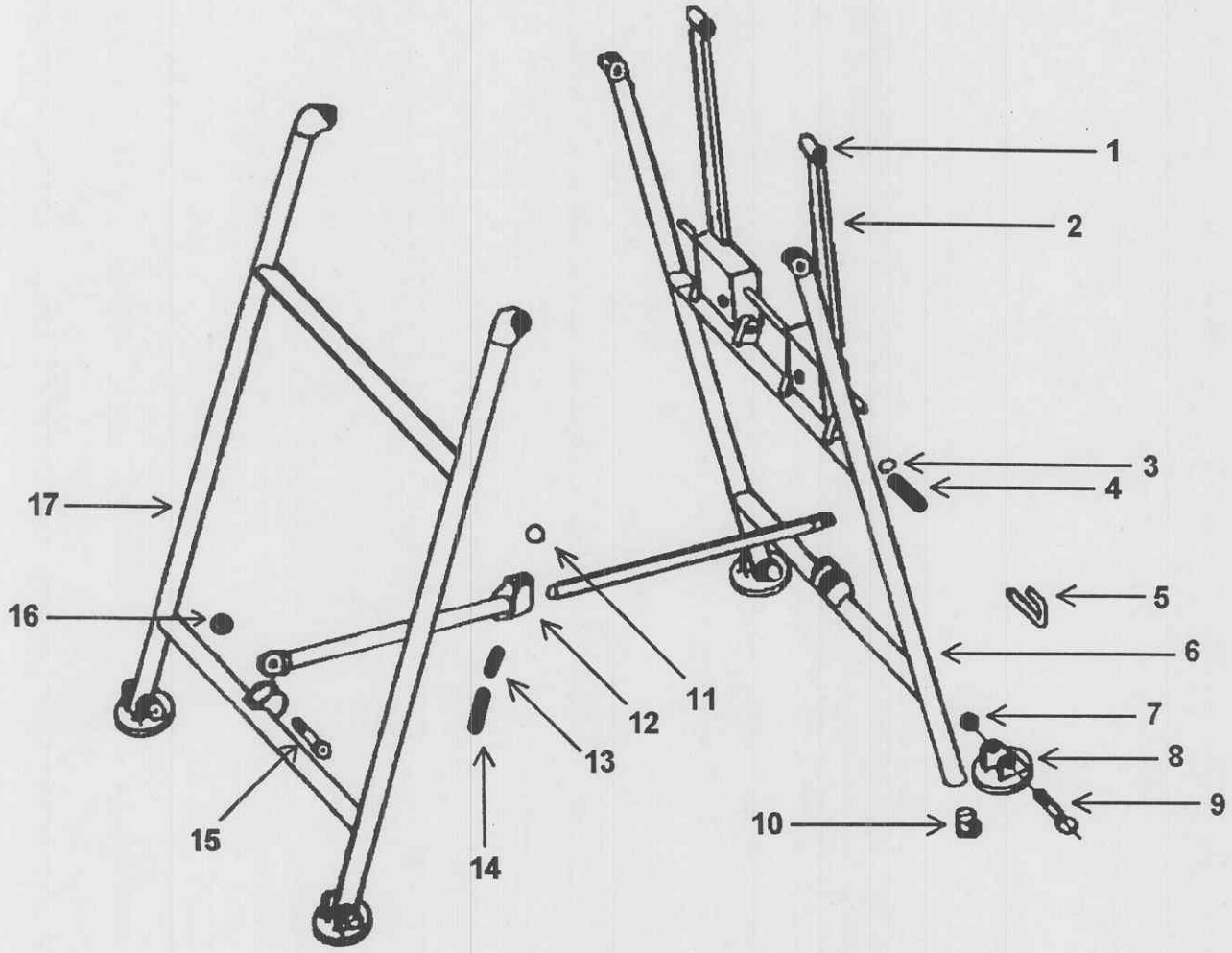

Figure E-4. Leg section.

Section II. REPAIR PARTS LIST FOR FIELD OPERATING TABLE

(1) ILLUSTRATION		(2)	(3)	(4)	(5)
FIG NO.	ITEM NO.	NATIONAL STOCK NUMBER	DESCRIPTION	UNIT OF MEASURE	QTY
E-4	1		Rack Assembly (66732) OT-671-198	EA	2
E-4	2		Rack, Gear (66732) OT-671-73	EA	2
E-4	3		Ball End (66732) OT-671-186	EA	6
E-4	4		Spring, Compression (66732) OT-671-126	EA	1
E-4	5		Lock, Positive (66732) OT-671-112	EA	1
E-4	6		Leg, Weldment, Gear Box (66732) OT-671-101	EA	1
E-4	7		Nut, Self Locking (66732) OT-671-172	EA	13
E-4	8		Fitting, Floor Plate (66732) OT-671-14	EA	4
E-4	9		Bolt, Hex Head (66732) OT-671-171	EA	4
E-4	10		Plug, Leg (66732) OT-671-23	EA	4
E-4	11		Ball End (66732) OT-671-186	EA	6
E-4	12		Tube Assembly (66732) OT-671-177	EA	1
E-4	13		Spring, Compression (66732) OT-671-120	EA	2
E-4	14		Lock, Shaft (66732) OT-671-89	EA	1
E-4	15		Bolt, Hex Head (66732) OT-671-173	EA	1
E-4	16		Nut, Self Locking (66732) OT-671-172	EA	13
E-4	17		Leg, Weldment, Front (66732) OT-671-102	EA	1

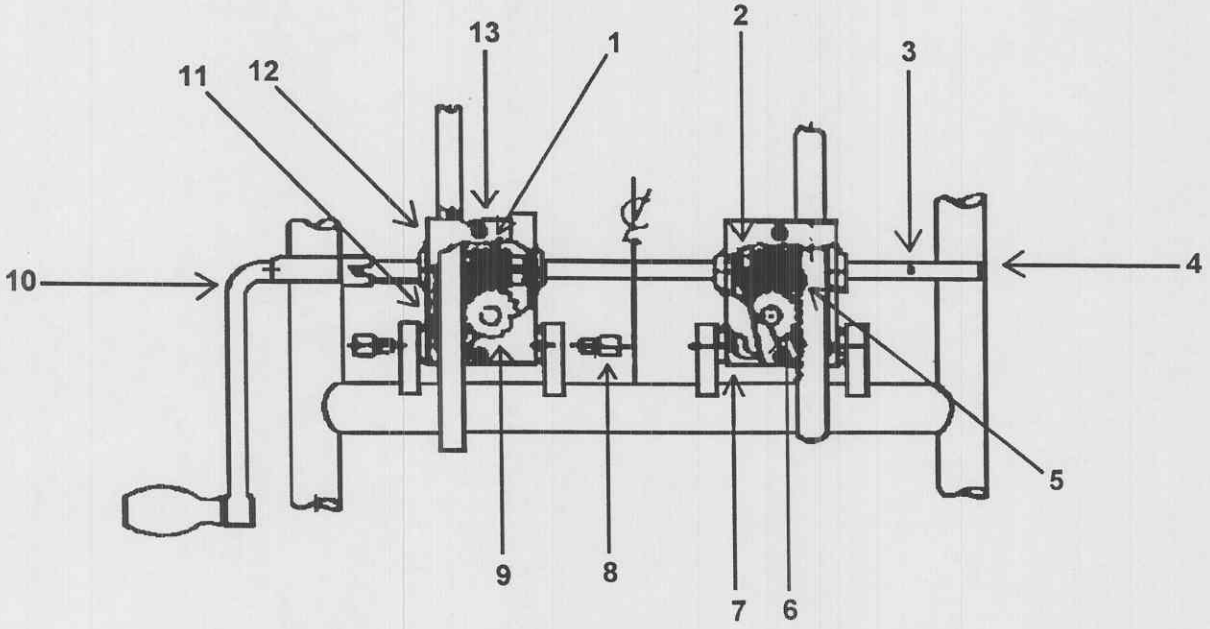

Figure E-5. Gear box.

Section II. REPAIR PARTS LIST FOR FIELD OPERATING TABLE

(1) ILLUSTRATION		(2)	(3)	(4)	(5)
FIG NO.	ITEM NO.	NATIONAL STOCK NUMBER	DESCRIPTION	UNIT OF MEASURE	QTY
E-5	1		Gear Worm (66732) OT-671-144R	EA	1
E-5	2		Gear Worm (66732) OT-671-144L	EA	1
E-5	3		Pin, Groove (66732) OT-671-141	EA	2
E-5	4		Shaft, Gear Box (66732) OT-671-80	EA	1
E-5	5		Pin (66732) OT-671-147	EA	2
E-5	6		Gear, Spur (66732) OT-671-145	EA	2
E-5	7		Housing, Gear Box (66732) OT-671-111	EA	1
E-5	8		Stud, Slotted (66732) OT-671-155	EA	4
E-5	9		Shaft, Spur Gear (66732) OT-671-114	EA	2
E-5	10		Handcrank Assembly (66732) OT-671-87	EA	1
E-5	11		Housing, Gear Box (66732) OT-671-8	EA	1
E-5	12		Cover, Gear Box (66732) OT-671-79	EA	2
E-5	13		Screw, Machine (66732) OT-671-146	EA	4

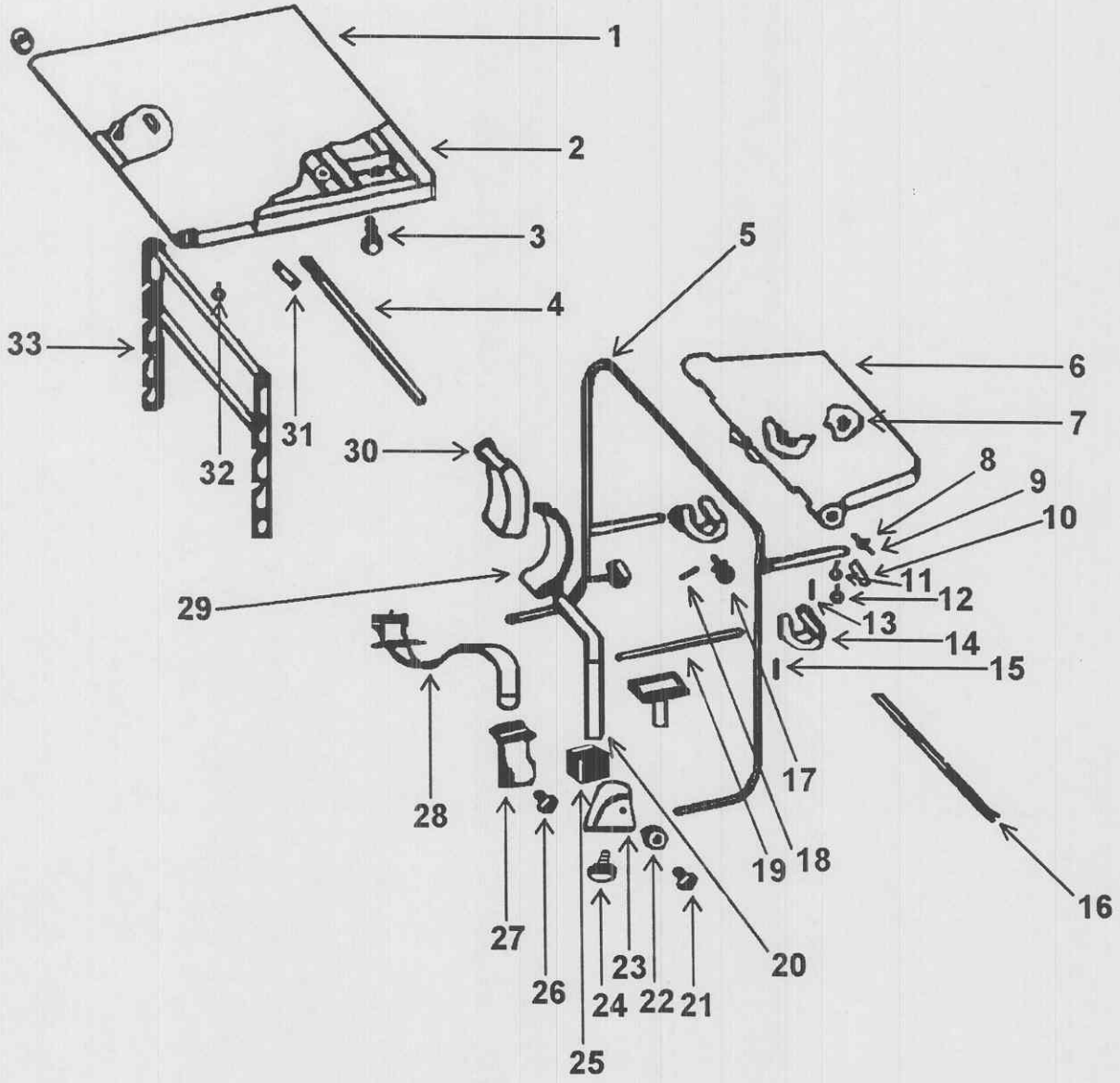

Figure E-6. Head section.

Section II. REPAIR PARTS LIST FOR FIELD OPERATING TABLE

(1) ILLUSTRATION		(2)	(3)	(4)	(5)
FIG NO.	ITEM NO.	NATIONAL STOCK NUMBER	DESCRIPTION	UNIT OF MEASURE	QTY
E-6	1		Back Section Assembly (66732) OT-671-45	EA	1
E-6	2		Frame, Back Section (66732) OT-671-33	EA	1
E-6	3		Screw, Thumb (66732) OT-671-207	EA	10
E-6	4		Shaft, Racket Back Section (66732) OT-671-42	EA	1
E-6	5		Holder, Screen (66732) OT-671-83	EA	1
E-6	6		Head Rest Assembly (66732) OT-671-91	EA	1
E-6	7		Pin, Spring Retaining (66732) OT-671-93	EA	1
E-6	8		Pawl, Head Rest Assembly (66732) OT-671-202	EA	1
			and		
			Pawl, Head Rest (66732) OT-671-90	EA	1
E-6	9		Handle, Pawl (66732) OT-671-95	EA	1
E-6	10		Spring, Compression (66732) OT-671-120	EA	2
E-6	11		Plate, Pawl Retaining (66732) OT-671-92	EA	2
E-6	12		Screw (66732) OT-671-174	EA	4
E-6	13		Pin, Roll (66732) OT-671-175	EA	8
E-6	14		Fitting, Head Rest (66732) OT-671-9	EA	1
E-6	15		Pin, Roll (66732) OT-671-175	EA	8
E-6	16		Shaft, Head Rest (66732) OT-671-88	EA	1

Section II. REPAIR PARTS LIST FOR FIELD OPERATING TABLE

(1) ILLUSTRATION		(2) NATIONAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEASURE	(5) QTY
FIG NO.	ITEM NO.				
E-6	17		Gear, Ratchet (66732) OT-671-113	EA	1
E-6	18		Pin, Roll (66732) OT-671-175	EA	8
E-6	19		Rod, Head Rest (66732) OT-671-190	EA	2
E-6	20		Angle, Shoulder Support (66732) OT-671-84	EA	2
E-6	21		Screw, Thumb (66732) OT-671-208	EA	2
E-6	22		Nut, Knurled (66732) OT-671-193	EA	2
E-6	23		Fitting, Outer (66732) OT-671-7	EA	2
E-6	24		Screw, Thumb (66732) OT-671-207	EA	10
E-6	25		Fitting, Inner (66732) OT-671-6	EA	2
E-6	26		Screw, Thumb (66732) OT-671-207	EA	10
E-6	27		Support, Wristlet (66732) OT-671-17	EA	2
E-6	28		Strap (66732) OT-671-132	EA	2
E-6	29		Support, Shoulder Rest (66732) OT-671-16	EA	2
E-6	30		Pad, Shoulder (66732) OT-671-24	EA	2
E-6	31		Tube, Spacer (66732) OT-671-41B	EA	2
E-6	32		Screw, Set (66732) OT-671-160	EA	4
E-6	33		Racket, Back Section (66732) OT-671-43	EA	1

Section II. REPAIR PARTS LIST FOR FIELD OPERATING TABLE

(1) ILLUSTRATION		(2) NATIONAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEASURE	(5) QTY
FIG NO.	ITEM NO.				
E-6	*		Keeper, Back Section (66732) OT-671-32	EA	2
E-6	*		Cover, Back Section (66732) OT-671-39	EA	1

* Indicates parts not illustrated.

Section III. SPECIAL TOOLS, TEST, AND SUPPORT EQUIPMENT FOR FIELD OPERATING TABLE

(1) ILLUSTRATION		(2) NATIONAL STOCK NUMBER	(3) DESCRIPTION	(4) UNIT OF MEASURE	(5) QTY
FIG NO.	ITEM NO.				
		THERE ARE NO SPECIAL TOOLS, TEST, OR SUPPORT EQUIPMENT APPLICABLE FOR THIS END ITEM.			

CUT ALONG PERFORATED LINE

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TM 8-6530-011-14&P	6 FEB 88	Table, Operating, Field

BE EXACT. PIN-POINT WHERE IT IS

PAGE NO	PARAGRAPH	FIGURE NO	TABLE NO
2-7	2-5		
E-11		E-4	

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

Change electrical cable to electrical assembly.

REASON: Corrects nomenclature.

Reverse call-out numbers 4 and 8.

REASON: Correctly identifies part.

SAMPLE

PRINTED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER	SIGN HERE
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REVERSE OF DA FORM 2028-2

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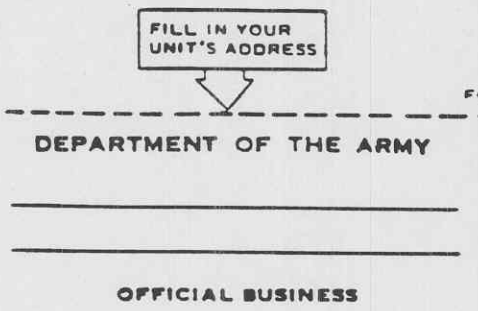

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U. S. Army Medical Materiel Agency
ATTN: MCMR-MMM
1423 Sultan Dr., Suite 100
Fort Detrick, MD 21702-5001

By Order of the Secretary of the Army:

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General, United States Army
Chief of Staff

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Secretary of the Army

Distribution:

To be distributed in accordance with Initial Distribution Number (IDN) 344648, requirements for TM 8-6530-011-14&P.

GLOSSARY

AFR	Air Force regulation
app	Appendix
AR	Army regulation
ASSY	Assembly
C	Operator or crew
CAGE	Commercial and government entity
CTA	Common table of allowances
CVC	Calibration/verfication/certification
D	Depot level maintenance
DA	Department of the Army
DLA	Defense Logistics Agency
DLAM	Defense Logistics Agency manual
DPSC	Defense Personnel Support Center
DS	Direct support
EA	Each
F	Direct support maintenance
Fig	Figure
FM	Field manual
FSC	Federal supply class
FSCM	Federal supply code for manufacturers. This is an obsolete term. CAGE (commercial and government entity) is the correct acronym.
ft	Foot (feet)
GS	General support
H	General support maintenance
in	Inch
ISO	International Standards Organization
JTA	Joint table of allowances
KT	Kit
MAC	Maintenance allocation chart
MAN	Manual
MED	Medical
MPL	Mandatory parts list
MTOE	Modified table of organization and equipment
NO (No)	Number
NSN	National stock number
PMCS	Preventive maintenance checks and services

QC	Quality control
QTY	Quantity
RPL	Repair parts list
SB	Supply bulletin
SER	Serial
TB	Technical bulletin
TDA	Table of distribution and allowances
TM	Technical manual
Trendelenberg position	A position in which the patient is placed head down on a table inclined about 45 degrees from the floor with the patient's legs hanging over the end of the table
Weldment	An item or assembly formed by welding together several pieces

INDEX

This index is organized alphabetically by topic and by subtopic. Topics and subtopics are identified by paragraph number.

Abbreviations, 1-2
Accessories, 1-11, 2-3
Acronyms, 1-2
Adjustable
    Foot rest, 1-11
    Leg assembly, 1-11
    Shoulder supports, 1-11
Administrative storage, 1-5
Anesthestist's screen, 1-11, 2-3, 2-6
Angle bar, 2-3
Associated support items, 2-14
Assembly, table, 2-2

Back section, 1-11, 2-5, 2-11
Basic issue items, 3-3, 4-3

Calibration/verification/certification (CVC) services, 3-1
Capabilities, 1-11
Carrying case, 1-11, 2-2
Case, 2-2, 3-8, 3-10
Case label, 1-12
Characteristics, 1-11
Cleaning, 2-15
Common names, 1-8
Complaints, medical materiel, 1-9
Components, 1-11
Components of end item, 3-3, 4-3

Decals, 1-12
Deficiencies, reporting, 3-9
Destruction of Army materiel, 1-4
Differences, model, 1-13

Disinfecting, 2-15
Durable supplies, 3-4, 4-4

Elevation, 2-4
Equipment
    Name, 1-1
    Purpose, 1-1
Expendable supplies, 3-4, 4-4
Explanation of abbreviations and terms, 1-2

Features, 1-11
Foot rest, adjustable, 1-11, 2-3, 2-10
Forms, 1-3

Gear assemblies, 3-7
Gear box, 2-2, 2-12
Gear cover assembly cover, 1-12
Genitourinary, 1-11

Hand crank, 2-2, 2-12, 3-7
Handle, fingertip, 2-5
Head rest, removable, 1-11, 2-5

Installation, 2-2

Leg holders, 2-9
Leg section, 1-11, 2-2, 2-3, 2-13
Leg section brace, 2-2
Lithotomy leg holders, 1-11
Litter supports, 1-11, 2-3
Lock, spring-loaded, 2-2
Longitudinal adjustment, 2-6, 2-7, 2-8, 2-10
Lubrication, 3-7

Maintenance functions, 3-1
Maintenance services, 4-7
Medical materiel complaints, 1-9
Model differences, 1-13

Model number, 1-1
Mounting socket, 2-9, 2-10

Nomenclature cross-reference, 1-8

Official nomenclature, 1-8
Operator maintenance, 3-1

Pouch, 1-11, 2-2
Preparation
    Shipment, 1-6, 3-10
    Storage, 1-6, 3-10
Preventive maintenance checks and services (PMCS), 1-5, 3-1, 3-8, 3-9
Printed circuit board (PCB), 3-1
Purpose of equipment, 1-1

Quality control, 1-7
Quality improvement report, 1-9

Ratchet and pawl assembly, 2-11, 2-13
Records, 1-3
Removal from case, 2-2
Removable head rest, 1-11
Repair parts, 3-5, 4-5
Reporting deficiencies, 3-9
Reports, 1-3

Safety, 1-14
Scope, 2-1
Screws, tee-handle, 2-3, 2-9
Seat section, 1-11, 2-3, 2-12
Shipment preparation, 1-6, 3-10
Shoulder supports, adjustable, 1-11, 2-3, 2-7
Side rails, 2-3, 2-6, 2-7, 2-8, 2-10
Socket assembly, 2-6, 2-7
Special tools, 3-6, 4-6
Specialist maintenance, 3-1
Stirrups, 2-3

Storage,
    Administrative, 1-5
    Preparation, 1-6, 3-10
Straight chair, 1-11
Supply table, 2-2
Support maintenance services, 4-7
Support sockets, 1-11

Table assembly, 2-2
Table top, 1-11, 2-12
Tee-handle screws, 2-3, 2-9
Telescoping rod, 2-2, 2-4
Test equipment, 3-2, 4-2
Thumbscrews, 2-3, 2-5, 2-7, 2-10
Tools, 3-2, 4-2
Trendelenberg, 1-11, 2-12
Triangular leg assembly, 2-2, 2-4
Type of manual, 1-1

Unit level maintenance, 3-1

Warning plates, 1-12
Warranty, 1-10
Wristlets, 1-11, 2-3, 2-8

METRIC SYSTEM CONVERSIONS

CHANGE	*TO*	*MULTIPLY*
inches	centimeters	2.540
feet	meters	.305
yards	meters	.914
sq inches	sq centimeters	6.451
sq feet	sq meters	.093
cubic feet	cubic meters	.028
fluid ounces	milliliters	29.573
pints	liters	.473
quarts	liters	.946
gallons	liters	3.785
ounces	grams	28.349
pounds	kilograms	.454

CHANGE	*TO*	*MULTIPLY*
centimeters	inches	.394
meters	feet	3.280
meters	yards	1.094
sq centimeters	sq inches	.155
sq meters	sq feet	10.764
cubic meters	cubic feet	35.315
milliliters	fluid ounces	.034
liters	pints	2.113
liters	quarts	1.057
liters	gallons	.264
grams	ounces	.035
kilograms	pounds	2.205

TEMPERATURE CONVERSION

Degrees Fahrenheit to Degrees Celsius: (°F - 32) X .5555 = °C
Degrees Celsius to Degrees Fahrenheit: (°C X 1.8) + 32 = °F

WEIGHTS

1 gram = 10 decigrams = .035 ounce
1 dekagram = 10 grams = .35 ounce
1 hectogram = 10 dekagrams = 3.52 ounces
1 kilogram = 10 hectograms = 2.2 pounds

CUBIC MEASURE

1 cu centimeter = 1000 cu millimeters = .06 cu inch
1 cu decimeter = 1000 cu centimeters = 61.02 cu inches
1 cu meter = 1000 cu decimeters = 35.31 cu feet

LINEAR MEASURE

1 centimeter = 10 millimeters = .39 inch
1 decimeter = 10 centimeters = 3.94 inches
1 meter = 10 decimeters = 39.37 inches

LIQUID MEASURE

1 centiliter = 10 milliliters = .34 fluid ounce
1 deciliter = 10 centiliters = 3.38 fluid ounces
1 liter = 10 deciliters = 33.81 fluid ounces