

## DEPARTMENT OF THE ARMY SUPPLY BULLETIN

### Army Medical Department Supply Information

Headquarters, Department of the Army, Washington, DC 20310-2300

20 February 2004

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**NOTICE**

This Supply Bulletin is devoted entirely to  
Medical Maintenance Information

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**CHAPTER 1. MEDICAL MAINTENANCE GENERAL INFORMATION**

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**1-1. MAINTENANCE DIRECTORATE PERSONNEL**

a. The MEOD serves as an AMEDD focal point for multiple aspects of medical materiel maintenance. The MEOD is made up of the AMEDD National Maintenance Point (NMP), Maintenance Publications, and Medical Maintenance Operations Divisions (MMOD) to include depot-level operations at Tobyhanna, PA, Hill AFB, UT, and Tracy, CA.

b. The DSN prefix is 343 and commercial phone numbers are 301-619-XXXX.

Director, Maintenance Engineering and Operations Directorate (4407)  
Administrative Assistant (4406)  
Directorate Sergeant Major (4464)  
Chief, AMEDD National Maintenance Point (4382)  
Chief, Maintenance Publications (4366)  
Chief, Maintenance Operations (4365)  
Chief, MMOD, Hill AFB, UT (DSN 586-4947, commercial 801-586-4947)  
Chief, MMOD, Tobyhanna, PA (DSN 795-7744, commercial 570-895-7744)  
Chief, MMOD, Tracy, CA (DSN 462-4556, commercial 209-839-4556)

**1-2. MAINTENANCE DIVISIONS' ADDRESSES**

a. MMOD – UT

(1) Mail address

U.S. Army Medical Materiel Agency  
Medical Maintenance Operations Division  
ATTN: MCMR-MMM-DU  
6149 Wardleigh Road  
Building 1160  
Hill Air Force Base, UT 84056-5848

(2) Freight address

U.S. Army Medical Materiel Agency  
6149 Wardleigh Road  
Building 1160, Bay 1  
Hill Air Force Base, UT 84056-5848

b. MMOD – PA

(1) Mail address

U.S. Army Medical Materiel Agency  
Medical Maintenance Operations Division  
ATTN: MCMR-MMM-DP  
Tobyhanna Army Depot  
11 Hap Arnold Boulevard  
Tobyhanna, PA 18466-5063

## CHAPTER 2. MEDICAL MAINTENANCE OPERATIONS INFORMATION

### 2-1. MONITOR, PATIENT VITAL SIGNS, MODEL 206EL, NSNS 6515-01-432-2707 AND 6515-01-432-2711

a. The manufacturer of the vital signs monitors, Welch-Allyn, has identified by serial numbers that about 200 models were shipped to USAMMA with the respiration function not activated. If you have a monitor with the serial number listed below, please verify that the respiration is activated. To accomplish the verification, look at the label on the left side of the equipment. The label either says ECG/EKG RESP, or it says ECG/EKG. If it does not have RESP, it is not installed. Also, when you turn the unit on, if you can select RESP (2nd from the left), it is installed. If your monitor has a serial number that is listed below and you have verified that the respiration is not activated, please contact USAMMA Maintenance Division at Hill Air Force Base, DSN 586-4947 or commercial 801-586-4947.

b. The following serial numbers are affected:

| Serial # |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| EA001102 | EA001288 | EA002319 | EA004133 | EA004153 | EA004175 | EA004195 | EA004216 | EA005005 |
| EA001110 | EA001289 | EA004114 | EA004134 | EA004154 | EA004176 | EA004196 | EA004217 | EA005006 |
| EA001233 | EA001290 | EA004115 | EA004135 | EA004155 | EA004176 | EA004197 | EA004218 | EA005007 |
| EA001262 | EA001291 | EA004116 | EA004136 | EA004156 | EA004177 | EA004198 | EA004219 | EA005008 |
| EA001266 | EA001292 | EA004117 | EA004137 | EA004157 | EA004178 | EA004199 | EA004220 | EA005009 |
| EA001267 | EA001293 | EA004118 | EA004138 | EA004158 | EA004179 | EA004200 | EA004221 | EA005010 |
| EA001268 | EA001294 | EA004119 | EA004139 | EA004159 | EA004180 | EA004201 | EA004222 | EA005011 |
| EA001269 | EA001296 | EA004120 | EA004140 | EA004160 | EA004181 | EA004202 | EA004223 | EA005012 |
| EA001270 | EA001297 | EA004121 | EA004141 | EA004161 | EA004182 | EA004203 | EA004224 | EA005013 |
| EA001271 | EA001298 | EA004122 | EA004142 | EA004162 | EA004183 | EA004204 | EA004225 | EA005014 |
| EA001272 | EA001299 | EA004123 | EA004143 | EA004163 | EA004184 | EA004205 | EA004226 | EA005015 |
| EA001273 | EA001301 | EA004124 | EA004144 | EA004164 | EA004185 | EA004206 | EA004227 | EA005016 |
| EA001274 | EA001303 | EA004125 | EA004145 | EA004165 | EA004186 | EA004207 | EA004228 | EA005017 |
| EA001276 | EA001304 | EA004126 | EA004146 | EA004166 | EA004187 | EA004208 | EA004229 | EA005018 |
| EA001277 | EA001306 | EA004127 | EA004147 | EA004167 | EA004188 | EA004209 | EA004230 | EA005019 |
| EA001280 | EA001307 | EA004128 | EA004148 | EA004168 | EA004189 | EA004210 | EA004231 | EA005020 |
| EA001283 | EA001308 | EA004129 | EA004149 | EA004169 | EA004190 | EA004211 | EA004991 | EA005021 |
| EA001284 | EA001312 | EA004130 | EA004150 | EA004170 | EA004191 | EA004212 | EA004994 | EA005022 |
| EA001286 | EA001313 | EA004131 | EA004151 | EA004171 | EA004192 | EA004213 | EA005002 | EA005023 |
| EA001287 | EA001315 | EA004132 | EA004152 | EA004172 | EA004193 | EA004214 | EA005002 | EA005025 |
|          |          |          |          | EA004173 | EA004194 | EA004215 | EA005004 | EA005026 |

c. The activation of the respiration functions cannot be accomplished locally and requires specific equipment.

d. If you have any questions, please contact the MMOD at Hill AFB at DSN 586-4947 or commercial 801-586-4947.

## **2-2. REPAIR PARTS SUPPORT FOR MEDICAL EQUIPMENT**

a. Many of the repair parts needed by the TO&E medical units are no longer available from the original manufacturer. While some of these parts are being sold by alternate vendors with different part numbers, many cannot be obtained from anywhere except USAMMA's cannibalization point. As a result, some technicians are having difficulty identifying and ordering repair parts for their medical equipment. To help alleviate this problem, the MMOD, Hill Air Force Base, UT, has established a Class VIII repair parts program for TO&E equipment only.

b. This program may provide significant advantages to you. It eliminates research time -- you identify the part number and equipment information and give us a call. When we buy the parts, you are also unaffected by vendor minimum quantity and dollar levels as we will absorb the items or quantities you don't need. In addition to the cannibalization point, we currently have a good supply of repair parts and can, when necessary, provide overnight shipping. For those parts that we do not stock, we will pass the requisition to the vendor with instructions to ship the parts directly to you. At this time we have only a limited amount of funds to support this program. Accordingly, we ask that you attempt to use local funding first. Ultimately, we plan to obtain funding in order to fully support Forces Command (FORSCOM) and the National Guard Bureau (NGB) units with all levels of repair parts. U.S. Army Reserve (USAR) units will continue to receive their maintenance support through the Regional Training Site - Medical (RTS-MED). For information on this program or to order parts, please call the MMOD Hill Air Force Base, UT, at DSN 586-4950 (commercial 801-586-4950) or fax requests to DSN 586-5061 (commercial 801-586-5061).

## **2-3. TEST, MEASUREMENT, AND DIAGNOSTIC EQUIPMENT (TMDE) PROGRAM**

a. All TMDE used in the support of medical equipment maintenance will be evaluated and monitored by the AMEDD's TMDE program manager, Maintenance Engineering and Operations Directorate, United States Army Medical Materiel Agency (USAMMA). Activities will comply with the acquisition requirements of AR 750-43, *Army Test, Measurement and Diagnostic Equipment Program*.

b. The requesting memorandum and DA Form 4062R (TMDE Acquisition Approval Analysis Data) submitted for TMDE acquisition approval will be routed through: Commander, USAMMA, 1423 Sultan Drive, Suite 100, ATTN: MCMR-MMM-P, Fort Detrick, MD 21702-5001, to: Commander, Integrated Logistics Support and Sustainment Division, ATTN: AMSAM-TMD-LI (Hedrick), US Army Aviation and Missile Command, Redstone Arsenal, AL 35898-5000. (Please note the change in office symbol from the one listed in AR 750-43.) You must have acquisition approval before requisitioning any item of TMDE. Examples of how to complete the requesting memorandum and DA Form 4062 can be located on the USAMMA website [www.usamma.army.mil/maintenance/APPROVALTMDE.html](http://www.usamma.army.mil/maintenance/APPROVALTMDE.html).

## **2-4. THE ARMY MEDICAL DEPARTMENT (AMEDD) MAINTENANCE SUSTAINMENT PROGRAM**

a. This article gives an overview on a new initiative that provides and monitors sustainment maintenance for TOE organizations with medical equipment.

b. The AMEDD Maintenance Sustainment Program will provide adequate and essential Direct Support/General Support (DS/GS) medical maintenance to COMPO 1, 2, and 3 units. The program is an OTSG/MEDCOM initiative with the USAMMA Maintenance Engineering and Operations Directorate (MEOD) as the action office. Once implemented, USAMMA will have operational responsibility for the program and act as the focal point for all TOE medical equipment maintenance. The OTSG/MEDCOM will establish policy and provide strategic guidance and oversight.

c. The overall objectives of the AMEDD Maintenance Sustainment Program are to:

Increase readiness by ensuring TOE medical equipment is mission capable,

Provide visibility of medical equipment status for the Total Army,

Increase flexibility to cross-level DS/GS sustainment maintenance workload,

Establish sustainment training for medical equipment repairers,

Provide a maintenance structure that will accommodate any medical maintenance-related initiative,

Increase maintenance capability by ensuring efficient use of all maintenance resources.

d. The USA MEDCOM has identified that adequate sustainment maintenance is not being performed for medical equipment in Active and Reserve Component units and has tasked the USAMMA Maintenance Directorate with the development and implementation of the AMEDD Maintenance Sustainment Program. The current AMEDD system for maintaining TOE medical equipment is unstructured and disjointed with no central focal point or clear levels of responsibility. Sustainment maintenance is fragmented, duplicative, and the overall status of medical equipment is unknown. Much of the TOE medical equipment is currently being maintained on an ad hoc basis or is not being maintained at all. Some units are not aware of where to get their next level of maintenance.

e. The AMEDD Sustainment Maintenance Program will provide units with one-stop shopping and the MACOMS with continual visibility of medical equipment status. The USAMMA Maintenance Divisions, MEDLOG Bns, TDA MTFs, and RTS-MEDs will provide DS/GS maintenance support. Every Army TOE unit with medical equipment requiring medical maintenance support will have one point of contact for all of their medical equipment maintenance requirements.

f. While the program will be responsive to units with organic maintenance capability, it will also provide proactive support to units that lack medical equipment

maintainers. USAMMA will maintain a listing of all medical units that require maintenance support due to the lack of medical equipment maintainers. The USAMMA will be responsible for assembling supporting data and programming dollars to fund the AMEDD Maintenance Sustainment Program.

g. As one of the first steps to this program and to better support any immediate medical maintenance requirements, we have regionalized the USAMMA depot-level activities as follows:

<b>Medical Maintenance Operations Division, Tobyhanna, PA</b>			
Alabama	Maryland	Ohio	Virginia
Connecticut	Maine	Pennsylvania	Virgin Islands
District of Columbia	North Carolina	Rhode Island	Vermont
Florida	New Hampshire	Puerto Rico	West Virginia
Georgia	New Jersey	South Carolina	
Massachusetts	New York	Tennessee	

<b>Medical Maintenance Operations Division, Tracy, CA</b>			
Mississippi	New Mexico	Texas	Hawaii
California	Nevada	Oregon	Arkansas
Arizona	Oklahoma	Washington	Louisiana

<b>Medical Maintenance Operations Division, Hill Air Force Base, UT</b>			
Alaska	Iowa	Missouri	Utah
Colorado	Kansas	Montana	Wisconsin
Idaho	Kentucky	Nebraska	Wyoming
Illinois	Michigan	North Dakota	
Indiana	Minnesota	South Dakota	

h. The point of contact for TOE organizations within the Tobyhanna region is DSN 795-7744, commercial 570-895-7744.

i. The point of contact for TOE organizations within the Tracy region is DSN 462-4556, commercial 209-839-4556.

j. The point of contact for TOE organizations within the Hill AFB region is DSN 586-4947, commercial 801-586-4947.

**2-5. X-RAY EQUIPMENT POWERED BY TACTICAL GENERATORS**

a. Although there is no published doctrine or policy regarding the use or connection of generators when used to power x-ray equipment, the general opinion or impression of many medical equipment repairers is that x-ray equipment, such as the Continental, R&F, the Picker VP-4, or even the PQS or MX-8000 CT scanner, must be powered from a dedicated generator. However, this is not the case. The generator providing power to the radiological equipment should be loaded to reduce power fluctuations during x-ray exposures.

b. The design characteristics of three-phase generators include a numerical limit of phase-to-phase current imbalance, or percent of load before the power source becomes imbalanced and provides marginal power quality. The typical value of maximum-allowed current imbalance is 10% and is based on the actual three-phase running load of the generator.

c. The problem with operating an x-ray system on a dedicated generator is the lack of compensation for the line loss that occurs on the power cables. Use of a dedicated generator causes the initial current surge to the x-ray unit to be high which, in turn, causes the line voltage to drop significantly. This often creates problems when the repairer attempts to calibrate the x-ray system.

d. A problem that is not as obvious, is that at the termination of exposure the sudden unloading of phases "A" "B" or "C" often causes a spiked high-voltage transient (short term, damped ringing waveform) to pass back into the power supply network and appear as an input to the electronic voltage regulator on the generator. Over time, these spikes damage or weaken internal components of the generator's voltage regulator, eventually causing it to fail.

e. To reduce these problems, add a load to the generator to introduce an actual and constant line loss on the incoming power cables. With a relatively constant 50% to 75% connected load on the generator (considered to be a pre-load), the line regulation for the x-ray system is improved.

f. It is important that the total cable length from the generator to the x-ray equipment not exceed 150 feet. This includes the 100-foot phase cables from the generator to the power distribution center and the single 50-foot, 100-ampere cable to the ISO shelter.

g. The biomedical equipment maintainer should be aware of these potential problems before attempting to calibrate the x-ray system.

(2) Freight address

U.S. Army Medical Materiel Agency  
Medical Maintenance Operations Division  
Warehouse 4, Bay 1  
Tobyhanna Army Depot  
Tobyhanna, PA 18466-5063

MMOD – CA

(1) Mail address

U.S. Army Medical Materiel Agency  
Medical Maintenance Operations Division  
ATTN: MCMR-MMM-DC  
Building T-255, Tracy Site  
Defense Distribution Center  
P.O. Box 960001  
Stockton, CA 95296-0970

(2) Freight address

U.S. Army Medical Materiel Agency  
Medical Maintenance Operations Division  
Building T-255, Tracy Site  
25600 Chrisman Road  
Defense Distribution Center  
Tracy, CA 95376-5050

**1-3. OPERATOR AND MAINTENANCE LITERATURE**

Operator and maintenance literature for medical equipment is available on CDs. Located at appendices A, B, C, D, E, and F are the table of contents for six CDs that are now available. To obtain a copy of this literature, call DSN 343-4379 or commercial 301-619-4379.

**1-4. USAMMA'S MAINTENANCE ENGINEERING AND OPERATIONS DIRECTORATE ON-LINE**

a. The USAMMA's MEOD has a website to make finding that critical piece of maintenance information a little easier. We provide detailed information about our Medical Maintenance Divisions; test, measurement, and diagnostic equipment (TMDE); equipment support; imaging equipment; maintenance publications (to include on-line access to the maintenance supply bulletins); and training opportunities. We've also provided government and manufacturer links that we've found to be helpful. Included in our site is a search capability that allows you to quickly locate information on a specific subject.

b. Our website is located at <http://www.usamma.army.mil/maintenance>. If you have questions about the information we've provided or recommendations for enhancements to our site, send an e-mail message using the link on our home page.

## APPENDIX A: CD 1 TABLE OF CONTENTS

**Operator & Maintenance  
Literature for Medical Equipment  
Disc 1**

10/20 Standards, Maintenance Allocation Chart, and Equipment List for Reportable Medical Equipment

6230-01-481-2214 <u>Operator Guide and Parts List</u>	Floodlight Emergency, Med-Tent-LT
*6515-00-137-6511 <u>Service Manual</u> <u>User Manual</u>	Electrosurgical Apparatus Portable, LM-90
6515-01-279-6450 <u>Operation and Maintenance Manual</u> <u>Service Manual</u>	Monitor Oxygen Battery Power, 5120
6515-01-309-6647 <u>Service Manual</u> <u>TM 8-6515-003-24&amp;P</u>	Electrosurgical Apparatus Portable, Force 2
6515-01-327-6798 <u>Patient Manual</u>	Concentrator Oxygen, AS 005-1
6515-01-429-1381 6515-01-453-4003 <u>Operating Instructions</u> <u>Service Manual</u>	Defibrillator/Monitor-Recorder, Lifepak 10
6515-01-434-4629 <u>Service Manual</u>	Concentrator Oxygen, AS 005-4
6530-01-321-5592 <u>Assembly and Packing Instructions</u>	Table Operating Field (FST)
6530-01-325-9299 <u>Maintenance Manual</u> <u>Clinical Instruction Manual</u>	Ventilator Volume Portable, Bear 33
6630-01-411-2568 <u>System Manual</u>	Analyzer, Clinical Chemistry, I-Stat 111000
6630-01-415-1593 <u>Operator's Manual</u>	Analyzer Blood, Piccolo

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\*6640-01-257-1944 Centrifuge Laboratory, Microhematocrit, Compur 1100  
6640-01-068-9612  
Operating Manual and Servicing Instructions

6640-01-326-1590 Rotator Laboratory, 14-251-200  
Instructions

6640-01-431-5696 Rotator Laboratory, 1314  
Operation Manual

\* For parts support call Medical Maintenance Support Division, Utah (commercial 801-586-4949/4950 or DSN 586-4949/4950, fax X5058).

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**Operator & Maintenance  
Literature for Medical Equipment  
Disc 2**

4110-01-451-2356 <u>Maintenance Manual</u>	Refrigerator Solid State Biological, M-30TR
6515-00-137-6511 Service Manual	Electrosurgical Apparatus, Portable, SSE2L
6515-01-355-6479 <u>Operation and Maintenance Manual</u>	Vaporizer Anesthesia Drawover, 1101-9001-000
6515-01-378-4176 Operator's Manual Service Manual	Craniotome Power System, MD030
6515-01-414-3607 Service Manual Operation and Maintenance Manual	Cryosurgical System, CE-2000
6515-01-423-5796 6515-01-423-5872 <u>User's Guide</u> <u>Calibration/Maintenance Manual</u> <u>Schematics and Drawings Set</u>	Monitor Patient Vital Signs, 106EL w/spo2 Monitor Patient Vital Signs, 106EL
6515-01-432-2707 6515-01-432-2711 <u>Directions for Use</u> <u>Reference Guide</u> <u>Update</u>	Monitor Patient Vital Signs, 206EL w/spo2 Monitor Patient Vital Signs, 206EL w/spo2 and capnography
6515-01-434-1999 <u>Owners Manual</u>	Blood/Fluid Warmer & Infusion, System 1000 (Sims Level 1)
6515-01-435-5350 <u>Instruction Manual, Operation and Service</u>	Suction Apparatus Oropharyngeal, 325M
6515-01-464-0267 Operation and Service Manual	Ventilator Volume Portable, 754M Eagle
6520-00-181-7349 Installation and Repair Manual TM 8-6520-004-14&P	Dental Chair and Stool Unit, CM-185

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6520-01-456-7170	Dental Unit, Self-Contained, ADU-10CF
Operation and Maintenance Manual	
Service Manual and Parts List	
	Portable Air Compressor, AA-75CF
Operation and Maintenance Manual	
Service Manual and Parts List	
6525-01-325-3740	X-ray Apparatus, Portable, 1200
6525-01-457-1536	
<u>Operation and Maintenance Manual</u>	
6525-01-345-6089	Processing Machine Radiographic, Curix 60
Operator's Installation and Instruction Manual	
*6530-01-429-6715	Sink Unit Surgical Scrub, RPC 1000
<u>Operator's, Organizational, Maintenance Manual</u>	
6540-00-181-8037	Lens Measuring Instrument Ophthalmic, 4001
<u>Instruction Handbook</u>	
6540-01-032-4518	Light Slit Ophthalmic, Marco V
<u>Instruction Manual</u>	
*6540-01-145-8775	Chair Optometry, Portable
<u>Technical Manual</u>	
6540-01-241-6965	Slit Lamp, SL-6E
Service Parts List	
TM 8-6540-002-14&P	
6545-01-302-0228	Sink Unit, Surgical Scrub, Field
<u>TM 8-6545-001-24&amp;P</u>	
6640-01-258-0006	Shaking Machine Laboratory, Vortex Genie 2
<u>Operating and Installation Guides</u>	
6640-01-316-5084	Centrifuge, 708T
Operation and Service Manual	
6650-01-293-7240	Microscope Optical, Labophot
6650-01-325-3747	Microscope Optical, Labophot2
<u>Operation and Preventive Maintenance</u>	
6650-01-406-1828	Microscope Optical, BX40F3
<u>Instructions</u>	

\* For parts support call Medical Maintenance Support Division, Utah (commercial 801-586-4949/4950 or DSN 586-4949/4950, fax X5058).

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**Operator & Maintenance  
Literature for Medical Equipment  
Disc 3**

4110-01-117-3902 <u>TM 8-4110-001-24&amp;P</u> <u>Commercial Operating Instruction Manual</u>	Refrigerator, Mechanical, Blood Bank, BBR37SS-1B-03
4110-01-249-4476 Commercial Operating Instruction Manual Commercial Maintenance Manual	<u>Refrigerator, Mechanical, Blood Bank, CT1-1B-06</u>
4110-01-287-7111 <u>TM 8-4110-002-14&amp;P</u> <u>Operational Manual</u> <u>Maintenance Manual</u>	Solid State Refrigerator, DLA-50T
<u>*4110-01-287-7111</u> Service Manual	<u>Thermostabilizer for Blood, RCB42 P</u>
6515-01-174-1477 Instruction Manual, Operation and Service	<u>Suction and Pressure Apparatus, 317M</u>
6515-01-185-8446 <u>Instruction and Service Manual with Illustrated Parts List</u> <u>TM 8-6515-001-24&amp;P</u>	Anesthesia Apparatus, 885A
6515-01-242-9123 6515-01-304-6497 <u>TM 8-6515-004-24&amp;P</u> <u>Instruction Manual, Operation and Service</u>	Suction Apparatus, 308M
6515-01-267-2726 6515-01-267-2727 <u>TM 8-6515-013-14&amp;P, 306M</u> <u>Instruction Manual, Operation &amp; Service, 306 Series</u>	Suction Apparatus, 306
<u>*6515-01-291-1198</u>	<u>Defibrillator/Monitor-Recorder, 43110MC, Operating Guide</u> <u>Defibrillator Module, 43130M, Service Manual</u>
<u>*6515-01-291-1199</u>	<u>Monitor-Recorder Module, 43200M/MC/MD, Service Manual</u>
6515-01-313-6242 <u>Directions for Use Manual</u> <u>Technical Manual</u> <u>TM 8-6515-012-14&amp;P</u>	Digital Thermometer, 600
6515-01-383-0922 <u>Service Manual</u> <u>Operation and Maintenance Manual</u>	Anesthesia Ventilator, 7000

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<u>6515-01-452-0625</u> Service Bulletins MedSystem III Directions for Use Technical Service Manual MedSystem III Infusion System	<u>Infusion Pump, MedSystem III</u>
6520-00-000-0158 <u>TM 8-6520-001-24&amp;P</u> <u>Installation Instructions, Operating Instructions, Use and Care Manual</u> <u>Service Manual, Repair Manual, and Parts List Manual</u>	Dental Light Set, LF II
6520-00-139-1246 <u>TM 8-6520-003-24&amp;P</u> <u>Technical Manual</u>	Dental Compressor-Dehydrator, M5B
<u>6520-00-139-1246</u> <u>6520-01-398-4613</u> Technical Manual, Defiance Electronics Owners Manual/Parts List, HP Series, Piston Air Products HP Series, 1 & 1-1/2 Horsepower, Pneumotive Service Procedures	<u>Dental Compressor-Dehydrator, PAC 6.7</u>
6520-00-140-7663 6520-01-272-4531 <u>Operation and Maintenance Instructions</u> <u>TM 8-6520-002-24&amp;P</u>	Dental Operating Unit, Porta-Cart 3406
6520-00-966-3729 <u>Instructions for the Operation and Maintenance</u>	Electric Laboratory Dental Furnace
6520-01-333-5961 <u>Operation and Maintenance Instructions</u>	Dental System, FUS336
6520-01-343-8126 <u>Operation and Maintenance Manual</u>	Portable Field Dental Unit, 2100M
6520-01-446-3783 <u>Operation and Maintenance Manual</u>	Portable Dental Chair, ADC-01CS
<u>6525-01-303-6235</u> <u>6525-01-370-7552</u> Operation Manual Maintenance Manual	<u>X-ray Processor, AFP 14X-3</u> <u>Portable Dental X-ray System, ALPHA MPDX</u>
<u>6525-01-422-6122</u> Installation, Operation, Service, and Parts Manual	<u>Processing Machine, Radiographic Film with Daylight Loader</u>
*6530-00-926-2151 <u>Instructions</u> <u>TM 8-6530-004-24&amp;P</u>	Portable Sterilizer System, M-138
<u>6530-01-244-0708</u> Service Manual	<u>Field Hospital Surgical Light, 2420</u>

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6530-01-246-1906	Portable Intermittent Traction Machine, Tru-Trac TT-92B Series
<u>Operating Instructions</u> <u>Service Manual</u>	
6530-01-306-1771	Validator, 8" and 10"
<u>Operator's Manual</u> <u>Service Manual</u> <u>Parts List, 8"</u>	
6530-01-308-7740	<u>Sink Unit, 950S936</u> <u>Hamilton Installation Operation and Maintenance Manual</u>
6530-01-327-0686	Portable Ventilator, 750 and 750M
<u>TM 8-6530-009-24&amp;P</u> <u>Instruction Manual, Operation &amp; Service</u>	
6530-01-374-8903	<u>Portable Ventilator, Bird Avian</u>
<u>Operator/Service Manual</u>	
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\* For parts support call Medical Maintenance Support Division, Utah (commercial 801-586-4949/4950 or DSN 586-4949/4950, fax X5058).

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By Order of the Secretary of the Army:

**PETER J. SCHOOMAKER**  
**General, United States Army**  
**Chief of Staff**

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*Administrative Assistant to the  
Secretary of the Army*

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