SB 8-75-S8

DEPARTMENT OF THE ARMY SUPPLY BULLETIN

Army Medical Department Supply Information

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REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can improve this publication. If you find any mistakes, or you know a way to improve it, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to the US Army Medical Materiel Agency, ATTN: MCMR-MMP-M, Fort Detrick, MD 21702-5001.

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NOTICE

This issue of the DA SB 8-75-S8 is devoted entirely to the Medical Equipment Supportability Information developed by the Medical Devices Program Management Office, USAMMA, and supersedes any previous editions.

CHAPTER 1. PREVENTIVE MAINTENANCE CHECKS AND SERVICES

1-1. PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS)

a. The call for stringent application of PMCS procedures is issued throughout the Army Medical Department (AMEDD). Your vigilance is needed in following the required procedures in maintaining medical equipment. Medical equipment must be inspected and serviced systematically and periodically to ensure that it is ready for operation at all times. Inspections can reveal defects that can be corrected before they result in serious damage or failure.

b. Medical equipment will be maintained to 10/20 standards as published in equipment technical manuals (TMs) or to the operational standards published in the manufacturer's operator or service literature. In the absence of a TM, the standards established in Appendix A and Appendix B of this supply bulletin, in conjunction with the requirements of the manufacturer's literature, will be used.

c. Complete PMCS will be performed before placing Army equipment in administrative storage. When equipment is removed from storage, perform PMCS to ensure its operational readiness. Results of the equipment inspection will be documented on DA Form 2404, *Equipment Inspection and Maintenance Worksheet.* All discrepancies will be annotated with corrective action required and steps taken to correct the deficiency.

d. This SB 8-75-S8 is used to update 10/20 standards for medical equipment and will include additional standards for reportable items and newly fielded medical equipment. Each new publication of SB 8-75-S8 supersedes the previous year's edition. Equipment specific 10/20 PMCS and Maintenance Allocation Chart (MAC) updates will also be available through the USAMMA website at www.usamma.amedd.army.mil. The 10/20 PMCS and MAC update is an ongoing project. New releases will be posted as they are developed.

e. SB 8-75-S8 will be used when discrepancies are encountered with the 10/20 standards published in the equipment's TM. Standards published in the manufacturer's literature take precedence over SB 8-75-S8.

1-2. OPERATOR LEVEL PMCS

a. Appendix A contains a list of tasks to be performed by unit level operator/user personnel. These PMCS tables are also referred to as "10 PMCS" requirements. Preventive maintenance by operator/user personnel is not limited to performing the checks and services listed in the tables. There are tasks the operator/user must do any time the equipment is used or stored, such as checking for general cleanliness, observing for improper operational indicators, and maintaining the proper quantities of operating supplies.

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

(1) Item Number. This column shows the sequence to perform the PMCS, and is used to identify the equipment area on the DA Form 2404.

(2) Interval. This column shows when each PMCS item is to be serviced. B, D, and A should be performed with daily use of the equipment.

B – Before Operation	D – During Operation
A – After Operation	Q – Quarterly
S - Semiannually	

(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 Mission Capable If. This column lists conditions that make the equipment unavailable or unusable.

c. When the equipment 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.

d. Operator/user personnel will report problems with medical equipment discovered during their "10 PMCS" that they are unable to correct. Refer to TB 38-750-2, *Maintenance Management Procedures for Medical Equipment*, and report the deficiency using the proper forms. Consult with your unit's Medical Equipment Repairer if you need assistance.

e. Table 1-1 lists the "10 PMCS" standards located in Appendix A.

TABLE 1-1. 10 PMCS STANDARDS LOCATED IN APPENDIX A

NSN	EQUIPMENT NAME AND MODEL	PAGE
N/A	Generic Operator Standards	A-1
6520-01-272-4531	Dental Operating Unit, ADEC Model 3406 Porta-Cart	A-2
6520-01-398-4613	Compressor Dehydrator, Dental, Model PAC 6.7	A-4
6525-01-312-6411	X-Ray Apparatus, Radiographic/Fluoroscopic, CS-8952	A-6
6525-01-325-3740	Portable X-Ray System, Model 1200	A-9
6525-01-370-7552	Portable Dental X-Ray System, Model ALPHA MPDX	A-12
6525-01-384-9296	X-Ray Apparatus, Model LCROKS	A-14
6530-00-926-2151	Sterilizer, Surgical Dressing 16x36 in., Model M-138	A-15

1-3. REPAIRER LEVEL PMCS

a. Appendix B contains a list of tasks to be performed by the unit level repairer. These PMCS tables are also referred to as "20 PMCS" requirements.

b. The following is a list of 20 PMCS table column headings with a description of the information found in each column:

(1) Item Number. This column shows the sequence to perform the PMCS, and is used to identify the equipment area on DA Form 2404.

(2) Interval. This column shows when each PMCS item is to be serviced:
M – Monthly, Q – Quarterly, S – Semiannually, and A – Annually.

(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 Mission Capable If. This column lists conditions that make the equipment unavailable or unusable.

c. When the equipment 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.

d. The following list in Table 1-2 is the "20 PMCS" charts located in Appendix B. This table identifies the NSN, the name and model of the equipment, and the page number.

TABLE 1-2. 20 PMCS CHARTS LOCATED IN APPENDIX B

NSN	EQUIPMENT NAME AND MODEL	PAGE
N/A	Generic Repairer Standards	B-1
6520-01-272-4531	Dental Operating Unit, ADEC Model 3406 Porta-Cart	B-2
6520-01-398-4613	Compressor Dehydrator, Dental, Model PAC 6.7	B-4
6525-01-312-6411	X-Ray Apparatus, Radiographic/Fluoroscopic, Model CS-8952	B-5
6525-01-325-3740	Portable X-Ray System, Model 1200	B-7
6525-01-370-7552	Portable Dental X-Ray System, Model ALPHA MPDX	B-9
6525-01-384-9296	X-Ray Apparatus, Model LCROKS	B-11
6530-00-926-2151	Sterilizer, Surgical Dressing 16x36 in., Model M-138	B-14

1-4. MAINTENANCE ALLOCATION CHART (MAC)

a. Appendix C provides a general explanation of all maintenance and repair functions authorized at various maintenance levels.

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

(1) Group Number. This column is a numerical group assigned to each assembly. The applicable assembly groups are listed in the MAC in disassembly sequence beginning with the first assembly removed in a top down disassembly sequence.

(2) Assembly Group. This column contains a brief description of the components of each assembly group.

(3) Maintenance Function. This column lists the various maintenance functions authorized to be performed. These 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 using 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 device into proper operation 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 comparable serviceable 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.

(4) Maintenance Level. This column indicates the maintenance level authorized to perform the maintenance functions.

"FM" is crew or unit maintenance	"SM" is MEDLOG or depot maintenance

(5) Tools and Equipment. This column corresponds to tools and, test, measurement, and diagnostic equipment (TMDE) listed in the chart in Appendix E.

(6) Remarks. This column is provided for information pertinent to the maintenance functions

c. The following is a list of the MACs located in Appendix C.

TABLE 1-3. LIST OF THE MACS LOCATED IN APPENDIX C

NSN	EQUIPMENT NAME AND MODEL	PAGE
6520-01-272-4531	Dental Operating Unit, ADEC Model 3406 Porta-Cart	C-1
6520-01-398-4613	Compressor Dehydrator, Dental, Model PAC 6.7	C-3
6525-01-312-6411	X-Ray Apparatus, Radiographic/Fluoroscopic, Model CS-8952	C-5
6525-01-325-3740	Portable X-Ray System, Model 1200	C-8
6525-01-370-7552	Portable Dental X-Ray System, Model ALPHA MPDX	C-13
6525-01-384-9296	X-Ray Apparatus, Model LCROKS	C-15
6530-00-926-2151	Sterilizer, Surgical Dressing 16x36 in., Model M-138	C-18

d. Appendix D contains the equipment parts and accessories list for each item of equipment. The following is a list of the items located in Appendix D.

TABLE 1-4. LIST OF PARTS AND ACCESSORIES LOCATED IN APPENDIX D

NSN	EQUIPMENT NAME AND MODEL	PAGE
6520-01-272-4531	Dental Operating Unit, ADEC Model 3406 Porta-Cart	D-1
6520-01-398-4613	Compressor Dehydrator, Dental, Model PAC 6.7	D-3
6525-01-312-6411	X-Ray Apparatus, Radiographic/Fluoroscopic, Model CS-8952	D-4
6525-01-325-3740	Portable X-Ray System, Model 1200	D-5
6525-01-370-7552	Portable Dental X-Ray System, Model ALPHA MPDX	D-6
6525-01-384-9296	X-Ray Apparatus, Model LCROKS	D-7
6530-00-926-2151	Sterilizer, Surgical Dressing 16x36 in., Model M-138	D-9

e. Appendix E contains the tools and TMDE code listing for MACs

CHAPTER 2. SUPPORTABILITY STRATEGY OVERVIEW

2-1. REQUIREMENTS

In accordance with *AR 700-127, Integrated Logistics Support*, the Materiel Developer (USAMMA for COTS items) is responsible for developing, coordinating, and maintaining the supportability strategy throughout the life of the system. It is required for all equipment in our unit assemblages.

2-2. RESPONSIBILITY

Key areas of the USAMMA's Acquisition and Supportability Strategy include the acquisition strategy, clinical application, requisition and supply information, and the 12 integrated logistics support elements: maintenance planning and management; training and training support; manpower and personnel; supply support; technical data; facilities; product support management; sustaining engineering; packaging, handling, storage, and transportation; design interface; support equipment; and computer resources.

a. The Acquisition Strategy notes what the item is, the unit assemblages and types of units it is assigned to, the cost, and life expectancy.

b. The Clinical Application section provides a high-level overview regarding the clinical use of the system.

c. Requisition/Supply notes the cataloging terms regarding how the item is procured, stored, reviewed and resupplied.

d. The 12 integrated logistics support elements are described below.

(1) Maintenance Planning includes high-level user and depot level procedures and requirements. There is a separate maintenance plan which carries maintenance and inspection procedures, tools and TMDE requirements, 10/20 standards, maintenance allocation charts (MAC), MEDSTEP requirements, repair and spare parts listing, man-hour requirements, warranty procedures, and DA 2406 reportable information.

(2) Training and Training Support notes how both maintainer and operator training are performed.

(3) Manpower and Personnel provides an overview of the military occupation specialties (MOS) required to operate and maintain the system.

(4) Supply Support provides effective and efficient end-to-end customer service to meet operational requirements for all classes of supply.

(5) Support Equipment provides a list of the support items and how to order these items.

(6) Technical Data provides information on the operator and service manuals.

(7) Computer Resource Support notes whether a computer or special software is required separately from the system for updates or operation.

(8) The Facilities section explains if any additional facility requirements are required for storage or operation.

(9) Packaging, Handling, Storage, and Transportation annotates if the system is procured and transported in a hardened case, if there are any special package or storage requirements, item shelf life, and special characteristics.

(10) Design Interface comments on any special interfaces required for system operation.

(11) Product Support Management's purpose is to plan, manage, and fund the system product support across all Integrated Product Support (IPS) elements.

(12) Sustaining Engineering spans those technical tasks (engineering and logistics).

2-3. CUSTOMERS

Customers for these documents include, but are not limited to the logistician, the maintainer, and the operator.

2-4. EQUIPMENT SUPPORT PLANS AVAILABILITY

Equipment support plans are available on the USAMMA website under "Equipment Supportability Plans" which are listed by NSN and name. Check the ones required and enter your email address to immediately receive an email with the support plan attached. Only personnel with a ".mil" address are authorized to receive the support plans. You can access this page by going to **http://www.usamma.amedd.army.mil/assets/apps/email_doc/email_doc_index.cfm**. The USAMMA PMs are developing equipment maintenance plans which will be posted to the USAMMA website starting in FY14. As the maintenance plans are posted the corresponding support plans will be removed from the website.

Appendix A. Operator PMCS

Generic Standards

[B-Before Operation, D-During Operation, A-After Operation, Q-Quarterly, and S-Semiannually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
1	B, A	Ensure that all supplies, reagents, and ancillary components necessary to operate the equipment or system are on hand.	Supplies, reagents, or ancillary components are missing.
2	B	Inspect for corrosion, rust, physically damaged parts, deteriorated materials, and damage to protective coatings.	Rust on outer surface parts determined by the Infection Control Nurse to be a health hazard.
3	B, A	Ensure the operator manual or documentation is on hand. Identify the location of such material if it is not packed with the equipment.	Operator manual is not readily available.
4	B, A	Verify that the equipment or system has no broken parts or accessories, i.e., switches, knobs, casters, plastic coverings, hoses, casings, etc.	Equipment is not functional due to broken parts.
5	B, D, A	Ensure that fluid levels, lubricants, physical limits or settings for operation are correct.	Levels are below those established in the TM or manufacturer's literature.
6	B	Verify date of last electrical safety test, PMCS, or CVC services from DA Form 2163 or other record (typically, annual inspection for patient care, laboratory and incidental use; semi-annual inspection for critical care and anesthetizing locations). If beyond designated period, arrange for CVC services.	Performance of CVC cannot be verified or CVCs are past due.
7	B, D, A	Verify operation of the equipment or system in accordance with published TMs and manufacturer's literature.	Equipment fails to operate according to TM or manufacturer's specifications.
8	B, D, A	Inspect for unusual operation, noises, leakage, or other unexpected results.	Noticeable fluid leaks or unexpected noises are detected.
9	A	Shut down equipment and clean and dry parts or components that were subjected to liquid contact.	Unit or components are not clean or dry.
10	A	Locate and store components, accessories, and operator documentation with the equipment or in appropriate location.	Items are not stored with the equipment or are not readily available.
11	B, A	Check the electrical power cord for cuts, fraying, or deterioration.	Electrical plug is missing a pin/blade or the cord insulation is cut through the outer coating.
12	B, D	Ensure that alarms and visual indicators are functioning properly.	Alarms and indicators are not functioning properly.
13	B, A	Inspect storage container for damage to case, hinges, latches, and seals.	Storage container will not latch or could leak.

(continued) Appendix A. Operator PMCS

6520-01-272-4531
Dental Operating Unit, ADEC Model 3406 Porta-Cart

[B-Before Operation, D-During Operation, A-After Operation, Q-Quarterly, and S-Semiannually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
1	B, A	**Dental Unit**	
		a. Conduct an inventory to ensure that the items listed on the Equipment Parts and Accessories List are on hand.	Missing components or accessories prevent operation of the dental unit.
		b. Inspect components for damage, discoloration, or excessively worn components.	Unserviceable components prevent the use of the dental unit.
2	B	**Dental Unit Operational Test**	
		a. Ensure the unit is assembled by performing the equipment setup procedure as directed by the manufacturer's literature.	Missing components prevent the assembly of the unit.
		b. Verify the function of the controls according to the manufacturer's literature.	Broken controls prevent effective patient care.
		c. Prepare the dental unit for use according to the manufacturer's literature.	The dental unit does not maintain air pressure between 60 psi to 80 psi or water pressure between 30 psi to 40 psi.
		d. Verify the function of the syringe according to the manufacturer's literature.	The syringe does not pass water and/or air.
		e. Verify the function of the air vacuum system according to the manufacturer's literature.	The air vacuum system does not create sufficient vacuum.
		f. Verify the function of the water tank according to the manufacturer's literature.	The water tank cannot be pressurized.
3	B	**Dental Handpieces**	
		a. Adjust the maximum dynamic air pressure according to the handpiece manufacturer's literature.	The maximum dynamic air pressure cannot be reached for the particular manufacturer's handpiece.
		b. Adjust the water coolant flow according to the manufacturer's literature.	The handpiece coolant water cannot be adjusted.
4	A	**Dental Unit Care**	
		After each patient, clean and disinfect all surfaces to include the air vacuum system.	
5	A	**Dental Unit Shut Down**	
		Perform the "System Shut-Down" according to the manufacturer's literature.	

(continued) Appendix A. Operator PMCS

6520-01-272-4531
Dental Operating Unit, ADEC Model 3406 Porta-Cart

[B-Before Operation, D-During Operation, A-After Operation, Q-Quarterly, and S-Semiannually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
6	A	**Dental Unit Storage and Transportation** a. Prepare the unit for storage or transportation according to the manufacturer's literature. b. Repack the unit according to the manufacturer's literature.	
7	B, A	**Storage Case** Inspect the storage case for cracks, dents, or broken latches.	

(continued) Appendix A. Operator PMCS

6520-01-398-4613
Compressor Dehydrator, Dental, Model PAC 6.7

[B-Before Operation, D-During Operation, A-After Operation, Q-Quarterly, and S-Semiannually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
1	B, D	**Compressor Dehydrator**	
		a. Conduct an inventory to ensure that the items listed on the Equipment Parts and Accessories List are on hand.	Missing interconnecting air hoses, with appropriate connectors, which connect compressor to dental operating and treatment unit.
		b. Inspect the unit for any damaged or deteriorated hoses, tubes, cables, and other components.	Damaged or deteriorated components prevent operation of the unit.
		c. Inspect the unit for an excessive accumulation of dust or dirt. Ensure intake filter elements are clean and serviceable.	Intake filter elements are unserviceable.
		d. Inspect muffler on the water separator for serviceability.	
2	B, D	**Operational Checkout**	The unit fails to operate.
		a. Observe the pressure gauge.	Pressure does not increase to 80psi in approximately 40 seconds.
		b. Observe that the unloader valve switches and compressor vents to atmosphere.	The unloader valve does not switch or the pressure does not decrease to 60 psi.
		c. Observe that when pressure decreases to 60 psi the unloader valve switches back and compressor pumps for approximately 8 seconds to reach 80 psi.	The unloader valve does not switch or the pressure does not reach 80psi.
		d. Observe that the cycle repeats.	The cycle does not repeat.
		e. Verify that the dryness indicator is blue.	The dryness indicator is other than blue.
		f. Rotate the four transit cover supports. Place transit case cover on supports.	
3	B, D	**Air Storage Tank**	
		a. Inspect air tank for leaks, damage, or excessive rust.	Air tank leaks or damage or rust accumulation precludes operation.
		b. Inspect hoses and ensure that the hose(s) can be properly connected.	The hose(s) cannot be connected to the storage tank.
		c. Ensure pressure relief/drain valve opens and closes properly.	The valve cannot be opened or it leaks when closed.
4	B, D, A	**Pressure Gauge**	
		Check for dents, a cracked or broken dial cover, or gauge indications beyond the normal range.	The pressure gauge does not function.

(continued) Appendix A. Operator PMCS

6520-01-398-4613
Compressor Dehydrator, Dental, Model PAC 6.7

[B-Before Operation, D-During Operation, A-After Operation, Q-Quarterly, and S-Semiannually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
5	B, D, A	**Dryness Indicator**	
		a. Inspect for dents, a cracked or missing indicator cover, or the lack of any color indication.	The damaged indicator prevents operation of the unit.
		b. Ensure that the indicator is blue.	The dryness indicator is other than blue.
6	S	**Case**	
		a. Inspect the case for signs of excessive wear.	
		b. Check the air relief valve.	

(continued) Appendix A. Operator PMCS

6525-01-312-6411

X-Ray Apparatus, Radiographic/Fluoroscopic, Model CS-8952

[B-Before Operation, D-During Operation, A-After Operation, Q-Quarterly, and S-Semiannually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
1	B, A	**X-Ray Apparatus**	
		a. Conduct an inventory to ensure that the items listed on the Equipment Parts and Accessories List are on hand.	Missing components prevent the use of the unit.
		b. Inspect unit for physical damage, rust, or excessively worn components.	Unserviceable components prevent the use of the unit.
		c. Verify that the Verification/Certification sticker (DD Form 2163) has a current date.	The x-ray apparatus has not been verified within the last 12 months.
2	B, A	**X-Ray Operational Test**	
		a. Perform daily pre-operational system check as directed by manufacture's literature.	
		NOTE: Ensure that personal protective apron, lead blockers, and suitable radiation protection measures are taken.	
		(1) Turn power on and adjust line set as needed.	The line adjustment cannot be accomplished.
		(2) Perform table check.	There are any malfunctions or unusual noises.
		(a) Press and hold the longitudinal switch on spot film device (SFD) until the tabletop reaches its limit of travel.	The tabletop does not move approximately 30" from its center position before it stops.
		(b) Press and hold the table longitudinal foot switch until the tabletop reaches its limit of travel.	The tabletop does not move approximately 30" from its center position before it stops.
		(c) Press and hold the table center switch until the tabletop stops.	The tabletop does not move to its center position from either of the above mentioned longitudinal positions, before stopping.
		(d) Press and hold the Trendelenburg tilt switch until the table reaches its maximum tilt and stops.	The table does not reach its maximum 12 degrees before stopping.
		(e) Press and hold the vertical tilt switch. The table should stop at the horizontal position. Release the switch, and press and hold the switch again. The table should rotate to its maximum tilt of 88 degrees, proving the tabletop is on "center."	The table does not reach center or if it does not rotate to 88 degrees.
		(f) Press and hold the Trendelenburg tilt switch until the table stops at horizontal. Release the switch.	The table does not reach horizontal position.

[B-Before Operation, D-During Operation, A-After Operation, Q-Quarterly, and S-Semiannually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
		(g) On the spot film device, disengage the carriage locks and the compression locks and move the spot film device in all directions.	The device requires more than 20 pounds of force to move it.
		(3) Perform the tube stand check	
		(a) Verify that the tube stand is energized by operating the locks and moving it through its various motions.	The locks do not work or if the tube stand cannot be moved into various positions.
		(b) Check the collimator to ensure that all lamps will light.	All lamps do not energize.
		(4) Perform the spot film device (SFD) check.	
		(a) Observe the spot film device for the presence of power. All push buttons should be lit.	The buttons are not lit.
		(b) Insert an empty 9” x 9” cassette into the SFD tunnel. Cycle the cassette carriage by pressing the PARK/LOAD switch. The carriage should alternate between its park and load positions.	The carriage does not alternate between park and load positions.
		(c) Verify that various pictorial representations can be set on the display (i.e., 2 on 1, 3 on 1, and 9 on 1).	The display does not indicate the correct selection or the cassette is not motor powered into the correct position.
		(5) Perform the warm-up procedure. **NOTE: Always perform the warm-up procedure no more than one hour before the first case of the day or if the system has been idle for one hour or longer.**	
		(a) Warm up the over-table tube.	
		[1] Disable autotiming and close the collimator blades. Select 70 kVp, 100 mA, 1.0 second.	The selections cannot be made.
		[2] Warm up the over-table x-ray tube by making four (4) exposures at 15-second intervals.	The unit will not make the exposures.
		(b) Make a fluoroscopic exposure by performing the following steps: [1] Press the 200L SPOT push button switch on the generator front panel. [2] On the fluoroscopic controls section of the generator panel, select mA station B and rotate the “minutes” dial to the 5 (minute) position.	Fluoroscopic exposures cannot be made.

(continued) Appendix A. Operator PMCS

6525-01-312-6411

X-Ray Apparatus, Radiographic/Fluoroscopic, Model CS-8952

[B-Before Operation, D-During Operation, A-After Operation, Q-Quarterly, and S-Semiannually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
		[3] Rotate the fluoroscopic kVp control until 70 kV is indicated on the fluoroscopic kVp meter. Ensure that the spot film device cassette carriage is in the park position.	
		[4] Place a suitable fluoroscopic kVp phantom on the tabletop in the in-beam position.	
		[5] Depress either the footswitch or x-ray push button on the spot film device.	
		[6] Observe the imaging system mirror. A sharp, clear x-ray image of the grid chamber mechanism should be displayed.	The unit does not produce a clear image.
		NOTE: Under-table (UT) shutters must always be visible and mechanically coned down as necessary.	
		[7] Place a 9" x 9" cassette into the SFD (this should activate the system to make radiographic exposure). Locate the footswitch behind the operator barrier. Select an under table (UT) exposure of 70 kVp, 0.1 second. Depress footswitch, make fluoro exposure. From SFD location, make radiographic exposure.	The system will not transition from "fluoro" imaging to radiographic mode, with actual radiographic exposure.
		[8] Repeat above procedure with "Autotiming" set "ON." Select "Table" and "Normal density." Set radiographic exposure to about 50% more time than expected.	The system will not transition from "fluoro" mode to radiographic mode with exposure.
		NOTE: Phototiming failure does not deadline the system, but does reduce overall capability.	
		b. Clean x-ray unit as directed by the manufacturer's literature.	

(continued) Appendix A. Operator PMCS

6525-01-325-3740
Portable X-Ray System, Model 1200

[B-Before Operation, D-During Operation, A-After Operation, Q-Quarterly, and S-Semiannually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
1	B	**X-Ray System**	
		a. Conduct an inventory to ensure that the items listed on the Equipment Parts and Accessories List are on hand.	Missing components prevent the use of the x-ray apparatus.
		b. Inspect unit for damage, discoloration, or excessively worn components.	Unserviceable components prevent the use of the x-ray apparatus.
		c. Verify that the Medical Equipment Verification/Certification sticker (DD Form 2163) has a current date.	The unit has not been verified within the last 12 months.
2	B	**X-Ray Operational Test**	
		a. Perform the “Assembly/Setup Procedure” as directed by the manufacturer’s literature.	The unit cannot be set up.
		(1) Remove reusable storage container from the wooden shipping crate, release leg clips.	
		(2) Open the reusable container.	
		(3) Remove the stand frame assembly, position on floor, engage rear wheel brakes, fold out legs and insert locking pins to frame/leg holes to lock legs.	
		(4) Remove the pipe assembly, lower section, and position locking handles down (to the horizontal unlocked position).	
		(5) Position the pipe assembly, lower section, with the gear rack toward the rear of the stand. Align the four "T" head bolts on the bottom of the pipe assembly, lower section with the four key-slots on the stand frame assembly. Lower into place, being sure the "T" bolts fit into the key-slots.	
		(6) Slide the pipe assembly, lower section, forward (approximately 1 inch) and lift, the two locking handles up (to the vertical locking position). Ensure that both locking clips fit into locking clip slots.	
		(7) Remove pipe assembly, upper section, from the reusable container.	
		(8) Position pipe assembly, upper section, locking handle to the up (unlocked) position.	

[B-Before Operation, D-During Operation, A-After Operation, Q-Quarterly, and S-Semiannually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
		(9) Position the pipe assembly, upper section, on top of the pipe assembly, lower section, with the rack gear facing the rear of the stand. (10) Pull locking handle down (from the unlocked position) to the perpendicular position and rotate 90 degrees to the lock position, secure locking handle with spring clip. (11) Crank gearbox assembly up to a comfortable working height. (12) Remove cross arm assembly from side of stand frame assembly. (13) Press cross arm horizontal travel release brake and slide cross arm into gearbox assembly. (14) Lift x-ray generator assembly out of reusable container, remove safety pin, position x-ray generator yoke assembly into end of cross arm assembly, secure safety pin. (15) Lift control assembly out of reusable container. Position the control arm assembly on the stand bracket pull out on the end clips, and snap in to place. (16) Attach line cord to control assembly “LINE IN” connector, attach exposure switch cable to control assembly, “HAND SWITCH” connector and connect one end of the interconnect cable to the control assembly “LINE OUT” connector and the remaining end to the x-ray generator assembly connector. b. Verify the “Assembly Check Out” procedure as directed by the manufacturer's literature. (1) Verify that the stand foldout leg locks pins are installed. (2) Verify that the pipe assembly lower section locking handles are in the up position and that the handle locking clips are engaged. (3) Verify that pipe assembly upper section locking handle is in the locked position and the spring clip is engaged. (4) Verify that the x-ray generator safety pin is installed and locked.	The assembly cannot be accomplished.

(continued) Appendix A. Operator PMCS

6525-01-325-3740
Portable X-Ray System, Model 1200

[B-Before Operation, D-During Operation, A-After Operation, Q-Quarterly, and S-Semiannually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
		(5) Verify that the line cord, the exposure switch and the interconnect cable are properly installed.	
		c. Perform pre-operational checkout procedures as directed by the manufacturer's literature.	The checkout cannot be accomplished.
		(1) Check power cord, and all interconnecting cables.	
		(2) Verify that the 50/60 Hz switch is set correctly.	
		(3) Turn on power switch; verify the correct line set.	
		(4) Close the collimator shutters.	
		(5) Select the 60kVp/40mA station.	
		(6) Set timer for 0.1 seconds.	
		(7) Step back from the unit with the exposure switch.	
		(8) Press the exposure switch to the first position; verify the ready lamp goes off and on after about a one second delay.	
		(9) Press for second trigger position; verify the x-ray on lamp and audio tone operate.	
3	B, A	**Periodic Maintenance**	
		a. Perform Operator Maintenance as directed by manufacture's literature.	The scheduled maintenance cannot be completed.
		b. Inspect and clean the unit as directed by the manufacturer's literature.	The unit is unsafe or hazardous.

(continued) Appendix A. Operator PMCS

6525-01-370-7552
Portable Dental X-Ray System, Model ALPHA MPDX

[B-Before Operation, D-During Operation, A-After Operation, Q-Quarterly, and S-Semiannually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
1	B	**X-Ray System**	
		a. Conduct an inventory to ensure that the items listed on the Equipment Parts and Accessories List are on hand.	Missing components or accessories prevent the operation of the x-ray system.
		b. Inspect components for damage, discoloration, or excessively worn components.	Unserviceable components prevent the use of x-ray.
		c. Verify the date on the Medical Equipment Verification/Certification sticker (DD Form 2163) is current.	The unit has not been verified within the last 12 months.
2	B, D, A	**X-Ray System Operational Check Out**	
		a. Perform the “Assembly/Setup Procedure” as directed by the manufacturer’s literature.	The unit cannot be assembled.
		b. Inspection after assembly as directed by the manufacturer’s literature.	
		(1) Ensure that all quick release pins are fully inserted and locked in place.	
		(2) Ensure that all locking knobs are hand-tight (full clockwise position).	Knobs cannot be tightened sufficiently to prevent drift or to keep unit from falling.
		(3) Verify the security of the cone installed on the x-ray control assembly.	
		(4) Check security of all electrical connectors.	Loose connectors prevent the operation of the x-ray system.
		(5) Verify that all labels are securely affixed and legible.	
		(6) Thoroughly inspect the assembled x-ray system for tight fittings, possible missing parts (including the operation and maintenance manuals), frayed electrical cords, cracks, chips, excessive wear, or other signs of deterioration.	Loose fittings, missing parts, or frayed cords prevent operation of the x-ray system.
		(7) Using a lint-free cloth, remove any noticeable dirt or excess dust from the assembled unit.	
		(8) Check x-ray head subassembly 1A2A1 in all working positions for possible drift.	X-ray head drift prevents the operation of the x-ray system.
		(9) Check scissor arm assembly 1A3 in all working positions for ease of motion.	Scissor arm assembly is unable to hold position prevents the operation of the x-ray system.

(continued) Appendix A. Operator PMCS

6525-01-370-7552

Portable Dental X-Ray System, Model ALPHA MPDX

[B-Before Operation, D-During Operation, A-After Operation, Q-Quarterly, and S-Semiannually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
		c. Perform the pre-operational checkout procedure as directed by the manufacturer's literature.	
		(1) Check the line power plug connection to the line power receptacle.	Improper fit prevents the operation of the x-ray system.
		(2) Check security of the electrical connection between x-ray control assembly 1A1 and x-ray unit.	Improper fit prevents the operation of the x-ray system.
		(3) Cover the cone port with lead shielding.	
		(4) Position the tube head away from the x-ray unit mounting post (scissor arm assembly fully extended).	
		(5) Set the rotary "TIMER" switch to 0.1 second.	
		(6) While holding exposure switch, **STEP BACK FROM THE UNIT APPROXIMATELY SIX (6) FEET.**	
		(7) Depress and hold down the exposure switch. The x-ray Indicator light will illuminate and the buzzer will emit as audible tone. The exposure switch will automatically switch off when the time set on the "TIMER" switch expires.	The unit does not shut off.
		d. Perform routine cleaning as directed by the manufacturer's literature.	

(continued) Appendix A. Operator PMCS

6525-01-384-9296
X-Ray Apparatus, Model LCROKS

[B-Before Operation, D-During Operation, A-After Operation, Q-Quarterly, and S-Semiannually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
1	B, D, A	**X-Ray Apparatus**	
		a. Conduct an inventory to ensure that the items listed on the Equipment Parts and Accessories List are on hand.	Missing components prevent the use of the x-ray.
		b. Inspect unit for damage, discoloration, or excessively worn components.	Unserviceable components prevent the use of x-ray.
		c. Verify that the Verification/Certification sticker (DD Form 2163) has a current date.	The unit has not been verified within the last 12 months.
2	B	**X-Ray Operational Test**	
		Conduct “Operator Maintenance” as directed by manufacturer’s literature.	
		a. Check control panel for nicks, scratches, and/or dents.	
		b. Ensure proper seating of APR labels.	
		c. Inspect unit for all warning labels, serial tags, UL, and CSA tags.	The labels are missing, unreadable, or outdated.

(continued) Appendix A. Operator PMCS

6530-00-926-2151
Sterilizer, Surgical Dressing 16x36 in., Model M-138

[B-Before Operation, D-During Operation, A-After Operation, Q-Quarterly, and S-Semiannually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
1	B, A	**Sterilizer**	
		a. Conduct an inventory to ensure that the items listed on the Equipment Parts and Accessories List are on hand.	The shelves are missing.
		b. Inspect the unit for obvious signs of damage such as cracks, dents, leaks, or broken components.	Gasket is torn, sight-glass is broken, or legs cannot be locked into their supporting position.
2	B	**Sterilizer Operational Check**	
		a. Ensure that the unit is set up and assembled properly as directed by the manufacturer's literature.	The sterilizer cannot be assembled properly.
		b. Remove the chamber drain-plug and inspect for lint and sediment from the strainer.	Built-up sediment cannot be removed and prevents the chamber from draining.
		c. Inspect and clean the interior surfaces of the chamber, with mild detergent and water, before heating. Clean the shelves in the same manner.	Chamber does not hold pressure.
		CAUTION: DO NOT USE STEEL WOOL OR ABRASIVE CLEANERS.	
		d. Inspect door and door gasket	Door does not seal.
		e. Inspect sight glass for mineral deposits.	Sight glass is broken or mineral deposits obscure water level in sight glass.
		f. Inspect fill washer.	Fill washer is missing.
3	B, D	**Electrical Operations**	
		Ensure that the frame of the sterilizer is adequately grounded before operating on electrical power as directed by the manufacturer's literature. Seek assistance from unit medical maintenance section if necessary.	Unit is not grounded.
4	B	**Sterilizer Jacket**	
		a. Turn operating valve to sterilize. This opens an escape route for trapped air.	
		b. Open drain valve to allow for a lower air escape route.	
		c. Fill jacket with water to about ½ mark.	Jacket cannot be filled with water.
		d. Close drain valve when water flows freely without burping.	

(continued) Appendix A. Operator PMCS

6530-00-926-2151
Sterilizer, Surgical Dressing 16x36 in., Model M-138

[B-Before Operation, D-During Operation, A-After Operation, Q-Quarterly, and S-Semiannually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
		e. Ensure that the water level viewed in the sight glass is at least at the ¼ mark as directed by the manufacturer's literature.	Jacket cannot be filled with water.
		WARNING: LIFT THE RELIEF HANDLE OF THE SAFETY VALVE OR TURN OPERATING VALVE TO THE DRY POSITION TO RELEASE ANY PRESSURE IN THE JACKET BEFORE REMOVING THE PLUG FROM THE FILLING FUNNEL. FILL THE STERILIZER JACKET WITH THE PUREST WATER AVAILABLE AND INSPECT FOR WATER LEAKS. ENSURE THE WATER IN THE SIGHT GLASS IS AT LEAST AT THE ¼ MARK.	Jacket leaks or cannot be filled with water.
		f. Verify operation of the pressure control switch knob. Turn the pressure control knob to the maximum clockwise position.	Pressure control switch does not operate.
		g. Verify operation of the operating valve. Ensure that the operating valve is in the OFF position.	Operating valve does not function.
		h. Turn the heat switch on and verify that the red pilot light is glowing.	Heating elements do not energize.
		i. Turn pressure valve fully counterclockwise to open the low-pressure relief valve.	
		j. When pressure reaches 18 – 20 psi, the low-pressure valve should release pressure.	Safety valve does not activate.
		k. Turn pressure relief valve fully clockwise to take the low-pressure valve out of the system.	
		l. Verify the increase in pressure and test the safety valve by depressing the safety lever.	Safety valve does not activate.
		m. When pressure reaches 27 – 32 psi, the high-pressure valve should release pressure.	Safety valve does not activate.
		n. Verify that the pressure gauge indicates the desired pressure of 18 psi for 250 degrees F or 29 psi for 270 degrees F.	Desired steam pressure cannot be reached or pressure gauge is faulty.
		o. Turn the pressure control switch knob slowly counterclockwise until the pilot light goes out. Verify that the pressure control cycles and maintains the selected pressure.	

(continued) Appendix A. Operator PMCS

6530-00-926-2151
Sterilizer, Surgical Dressing 16x36 in., Model M-138

[B-Before Operation, D-During Operation, A-After Operation, Q-Quarterly, and S-Semiannually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
		NOTE: A pre-heat period of 10 to 15 minutes is recommended to allow the pressure to stabilize. There are no markings or calibration on the pressure control switch since temperature is a function of absolute pressure rather than gauge pressure. Depending on altitude and atmospheric conditions, reaching 270° F may require between 27 and 32 psi gauge pressure. The pressure switch must be adjusted to the pressure, which will give the desired temperature.	Pressure control does not operate.
		p. Load the sterilizer and verify proper operation.	
		CAUTION: IN THE EVENT THAT WATER IN THE JACKET RUNS LOW, THE WATER CUT-OFF WILL INTERRUPT THE POWER SUPPLY TO THE HEATERS. IF THIS OCCURS, LIFT THE RELIEF HANDLE ON THE SAFETY VALVE TO RELEASE ANY PRESSURE IN THE JACKET BEFORE REMOVING PLUG FROM FILLING FUNNEL. WAIT UNTIL INTERNAL PARTS COOL BELOW THE BOILING POINT AND REFILL THE JACKET WITH WATER AND PRESS THE RESET BUTTON (LOCATED UNDER THE HEATER BOX). PROCEED WITH THE REGULAR OPERATING CYCLE FROM THE BEGINNING.	
		q. Close the chamber door.	Door does not seal.
		r. Turn the operating valve to sterilize.	
		s. Let the chamber pressurize.	
		t. Check for leaks. The steam trap may stick open (rap with a solid object to release it).	Chamber leaks or trap fails to close.
		u. Set the timer.	
		v. Check that the pilot light cycles on and off.	
		w. Check that the chamber maintains pressure.	Desired pressure cannot be maintained.
		x. When the timer goes off, turn the operating valve to “DRY.”	Sterilizer chamber does not release pressure.
		y. Check that the pressure goes to about –5 psi for about 15 minutes before the pressure releases and the door can be opened.	Sterilizer chamber does not pull a vacuum.

(continued) Appendix A. Operator PMCS

6530-00-926-2151
Sterilizer, Surgical Dressing 16x36 in., Model M-138

[B-Before Operation, D-During Operation, A-After Operation, Q-Quarterly, and S-Semiannually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
5	B, D	**Gasoline Heat** **Note: No longer authorized for Department of the Defense use.**	
6	B, D	**Direct Steam Operation**	
		a. Conduct direct steam operation as directed by TM 8-6530-004-24&P.	
		b. Load the sterilizer and verify proper operation.	Sterilizer does not operate.
		WARNING: TO PREVENT POSSIBLE INJURY TO PERSONNEL RESULTING FROM BURSTING BOTTLES AND HOT FLUID, USE ONLY BOROSILICATE (PYREX) FLASKS WITH VENTED CLOSURES FOR STERILIZING LIQUIDS.	

Appendix B. Repairer PMCS

Generic Standards

[M-Monthly, Q-Quarterly, S-Semiannually, and A-Annually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
1	A	Ensure that all ancillary components necessary to operate the equipment or system are on hand.	Ancillary components are missing.
2	A	Ensure that all components and accessories issued with the equipment or system are on hand.	Components or accessories are not readily available.
3	A	Ensure that all TMDE required to perform CVC and PMCS are on hand and calibrated.	TMDE is not available.
4	A	Inspect for corrosion, rust, physically damaged parts, deteriorated materials, and damage to protective coatings.	Rust on outer surface parts determined by the Infection Control Nurse to be a health hazard.
5	A	Ensure the operator and maintenance manuals or documentation are on hand. Identify the location of such material if it is not packed with the equipment.	Operator and maintenance manuals are not readily available.
6	A	Verify that the equipment or system has no broken parts or accessories, i.e., switches, knobs, casters, plastic coverings, hoses, casings, etc.	Equipment is not functional due to broken parts.
7	A	Ensure that fluid levels, lubricants, physical limits or settings for operation are correct.	Levels are below those established in the TM or manufacturer's literature.
8	A	During prolonged exercises or missions involving patient treatment, scheduled testing of electrically operated medical equipment designated for use in critical care areas will be performed.	Equipment fails the electrical safety test.
9	A	Verify operation of the equipment or system in accordance with published TMs and the manufacturer's literature.	Equipment does not function according to the TM or manufacturer's literature.
10	A	Perform CVC and PMCS as necessary indicating compliance with standards. Place appropriate labels on equipment.	Equipment cannot be calibrated to TM or manufacturer's specifications.
11	A	Inspect for unusual operation, noises, leakage, or other unexpected results.	Noticeable fluid leaks or unexpected noises are detected.
12	A	Shut down equipment, and clean and dry parts or components that were subjected to liquid contact. Use of compressed air and disassembly of components to remove liquid or reagent materials may be necessary.	Unit or components are not clean or dry.
13	A	Check the electrical power cord for cuts, fraying, or deterioration.	Electrical plug is missing a pin/blade or the cord insulation is cut through the outer coating.
14	A	Ensure that alarms and visual indicators are functioning properly.	Alarms and indicators are not functioning properly.
15	A	Verify proper battery condition.	Battery will not charge or is visibly defective (when applicable).

(continued) Appendix B. Repairer PMCS

6520-01-272-4531
Dental Operating Unit, ADEC Model 3406 Porta-Cart

[M-Monthly, Q-Quarterly, S-Semiannually, and A-Annually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
1	S	**Dental Unit**	
		a. Conduct an inventory to ensure that the items listed in the Equipment Parts or Accessories List are on hand.	Missing components or accessories prevent the operation of the dental unit.
		b. Inspect components for damage, discoloration, or excessively worn components.	Unserviceable components prevent the use of the dental unit.
2	S	**Operational Checks**	
		a. Review the general service information as provided in the manufacturer's literature.	
		b. Check the air and water filters as directed in the manufacturer's literature.	The air pressure drops more than 15 psi or the water pressure drops more than 10 psi.
		c. Check the air and water regulator as directed in the manufacturer's literature.	The air regulator does not regulate between 60 psi to 80 psi or the water regulator does not regulate between 30 psi to 40 psi.
		d. Verify the operation of the "Century II Control System" as directed in the manufacturer's literature.	There are air or water leaks that prevent the use of the dental unit.
		e. Verify the operation of the three-way micro valves as directed in the manufacturer's literature.	The three-way micro valves do not control the flow of coolant air or coolant water.
		f. Verify the operation of the foot control valve as directed in the manufacturer's literature.	The foot control valve does not operate the handpieces.
		g. Verify the operation of the signal relay valve as directed in the manufacturer's literature.	The signal relay valve does not initiate the coolant air or coolant water.
		h. Verify the operation of the chip blower valve as directed in the manufacturer's literature.	The chip blower valve does not provide chip-air flow to the handpieces.
		i. Verify the operation of the three-way toggle valve as directed in the manufacturer's literature.	The three-way toggle valve does not pressurize or de-pressurize to water tank.
		j. Verify the operation of the needle valves as directed in the manufacturer's literature.	
		k. Verify the operation of the syringe as directed in the manufacturer's literature.	The syringe leaks air or water or does not pass air or water.

(continued) Appendix B. Repairer PMCS

6520-01-272-4531
Dental Operating Unit, ADEC Model 3406 Porta-Cart

[M-Monthly, Q-Quarterly, S-Semiannually, and A-Annually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
		l. Verify the operation of the air vacuum system as directed in the manufacturer's literature.	The air vacuum system does not provide vacuum.
		m. Verify the operation of the air saliva ejector as directed in the manufacturer's literature.	The air saliva ejector does not provide vacuum.
3	S	**Storage Case** Inspect the storage case for cracks, dents, or broken latches.	

(continued) Appendix B. Repairer PMCS

6520-01-398-4613
Compressor Dehydrator, Dental, Model PAC 6.7

[M-Monthly, Q-Quarterly, S-Semiannually, and A-Annually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
1	A	**Compressor Dehydrator**	
		a. Conduct an inventory to ensure that the items listed in the Equipment Parts or Accessories List are on hand.	Missing interconnecting air hoses, with appropriate connectors, which connect compressor to dental operating and treatment unit.
		b. Inspect and verify that the compressor-dehydrator operates as directed by the “Operational Checkout” procedures in the Operator Preventative Maintenance Checks and Services.	The unit does not operate as directed by the operational checkout procedures.
		c. Verify electrical safety.	The compressor-dehydrator fails any of the safety tests.
2	A	**Air Storage Tank**	
		a. Inspect air tank for leaks, damage, or excessive rust.	Air tank leaks or damage or rust accumulation precludes operation.
		b. Inspect hoses and ensure that the hose(s) can be properly connected.	The hose(s) cannot be connected to the storage tank.
		c. Ensure pressure relief/drain valve opens and closes properly.	The valve cannot be opened or it leaks when closed.
3	A	**Pressure Gauge**	
		Check for dents, a cracked or broken dial cover, or gauge indications beyond the normal range.	The pressure gauge does not function.
4	A	**Dryness Indicator**	
		a. Inspect for dents, a cracked or missing indicator cover, or the lack of any color indication.	The damaged indicator is unserviceable.
		b. Ensure that the indicator is blue.	The dryness indicator is other than blue.
5	A	**Case**	
		a. Inspect the case for signs of excessive wear.	
		b. Check the air relief valve.	

(continued) Appendix B. Repairer PMCS

6525-01-312-6411

X-Ray Apparatus, Radiographic/Fluoroscopic, Model CS-8952

[M-Monthly, Q-Quarterly, S-Semiannually, and A-Annually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
1	S	**X-Ray Apparatus**	
		a. Conduct an inventory to ensure that the items listed in the Equipment Parts and Accessories List are on hand.	Missing components prevent the use of the x-ray unit.
		b. Unpack and install as directed by manufacturer's literature.	The unit cannot be installed.
		c. Ensure retrofit kit (consists of heavy steel brackets under each end of table) is installed for possible shipment.	The unit is unable to deploy.
		d. Inspect unit for damage, excessive rust to critical parts, bearing tracks and races, etc., or excessively worn components.	The unserviceable components prevent the use of the unit.
2	S	**X-Ray Operational Test**	
		a. Ensure each component is operational as directed by the manufacturer's literature.	Components not operational prevent the use of the x-ray unit.
		b. Ensure daily pre-operational systems checks were performed as directed by manufacturer's literature.	
		c. Verify the pre-calibration checks as directed by manufacturer's literature.	The unit is not prepared for calibration.
		d. Verify calibration before attempting the calibration procedures.	The unit is in need of calibration.
		NOTE: Perform manufacturer's calibration procedures <u>ONLY</u> if x-ray apparatus does not meet manufacturer's specifications.	
		WARNING: FOLLOW X-RAY TUBE WARM UP PROCEDURE AS DIRECTED BY MANUFACTURER'S LITERATURE.	
	A	e. Calibrate the unit as directed by the manufacturer's literature.	
		(1) Calibrate the generator as directed by manufacturer's literature.	
		(2) Calibrate the spot film device as directed by manufacturer's literature.	
		(3) Calibrate the under-table collimator as directed by manufacturer's literature.	

(continued) Appendix B. Repairer PMCS

6525-01-312-6411

X-Ray Apparatus, Radiographic/Fluoroscopic, Model CS-8952

[M-Monthly, Q-Quarterly, S-Semiannually, and A-Annually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
		(4) Calibrate the over-table collimator as directed by manufacturer's literature. (5) Calibrate the automatic exposure control as directed by manufacturer's literature. (6) Verify the image intensifier as directed by manufacturer's literature. f. Update the Medical Equipment Verification / Certification sticker (DD Form 2163).	The unit has not been verified or calibrated within the last 12 months.

(continued) Appendix B. Repairer PMCS

6525-01-325-3740
Portable X-Ray System, Model 1200

[M-Monthly, Q-Quarterly, S-Semiannually, and A-Annually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
1	S	**X-Ray System**	
		a. Conduct an inventory to ensure that the items listed on the Equipment Parts and Accessories List are on hand.	Missing components prevent the use of the X-Ray.
		b. Inspect unit for damage, discoloration, or excessively worn components.	Unserviceable components prevent the use of x-ray.
		c. Verify assembly of unit as directed by the manufacturer's literature.	The unit cannot be assembled.
		d. Verify the electrical safety.	The x-ray system fails any of the electrical safety tests.
2		**Periodic Maintenance**	
	M, Q	Perform the "Periodic Maintenance Schedule and Procedure" as directed by manufacturer's literature.	The maintenance cannot be completed.
	M	a. Clean the unit.	
	Q	b. Visually inspect unit; check electrical cables and connectors for bent, broken, or loose pins, cracked or broken insulators, weak, broken or loose pin connections, dirt, and corrosion; repair as required.	
	Q	c. Verify that unit meets all of the pre-operational check out procedures.	
	Q	d. Tighten any loose hardware.	
	Q	e. Touch up paint, any scratches, chips or exposed metal.	
3	S	**Alignment, Adjustment, Calibration and Checkout Procedures**	
		a. Perform the "Alignment, Adjustment, Calibration and Checkout" procedures as directed by the manufacturer's literature: (1) Line Voltage (2) Line Set (3) Calibration Set-Up (4) mA/kVp Calibration (5) Verify mA/kVp with 220 VAC/50Hz (6) Timer Test Data (7) Exposure Indication (8) Line Current	The unit cannot be calibrated or verified as directed.

(continued) Appendix B. Repairer PMCS

6525-01-325-3740
Portable X-Ray System, Model 1200

[M-Monthly, Q-Quarterly, S-Semiannually, and A-Annually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
		(9) mAs Meter (10) Reproducibility (11) Half Value Layer (12) Leakage Test (13) Light Luminance (14) Beam Alignment (15) Final Step b. Update the Medical Equipment Verification/Certification label (DD Form 2163).	The unit has not been verified within the last 12 months.

(continued) Appendix B. Repairer PMCS

6525-01-370-7552
Portable Dental X-Ray System, Model ALPHA MPDX

[M-Monthly, Q-Quarterly, S-Semiannually, and A-Annually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
1	S	**X-Ray System**	
		a. Verify that the items listed on the Equipment Parts and Accessories List are on hand.	Missing components or accessories prevent the operation of the dental unit.
		b. Unpack and assemble the x-ray unit as directed by manufacturer's literature.	The unit cannot be assembled.
2		**Preventive Maintenance Schedule and Procedures**	
	Q	a. Inspection/check procedures	The check out cannot be accomplished.
		(1) Visually inspect the unit as directed by the manufacturer's literature.	
		(2) Verify that the unit meets all of the pre-operational requirements according to the Operator Preventive Maintenance Checks and Services.	
		(3) Check all hardware connections for security. Tighten any loose connections.	
		(4) Inspect the unit for chips, scratches or exposed metal. Use touch-up paint to repair any damage to paint or finish.	
		(5) Perform corrective, adjustment or calibration procedures as required to resolve a malfunction, or perform periodic alignment adjustment and calibration functions in accordance with the schedule provided in manufacturer's literature.	
	Q	b. Perform the cleaning procedures as directed by the manufacturer's literature.	
	S	c. Perform "Adjustment, Calibration and Test" as directed by the manufacturer's literature.	The adjustments and calibration cannot be accomplished.
		(1) Hi-Pot Test	Leakage or breakdown occurs at 1500V within 60 seconds.
		(2) Leakage Current	Leakage is more than 100 microamps.
		(3) Line Voltage Meter	
		(4) mA/kVp Calibration	
		(a) Calibration Set-up	
		(b) Line Voltage	
		(c) mA Calibration	X-ray will not calibrate to 7mA +/-10%.
		(d) kVp Calibration	X-ray will not calibrate to 70kVp +/-10%.
		(5) Timer Test Data	

(continued) Appendix B. Repairer PMCS

6525-01-370-7552
Portable Dental X-Ray System, Model ALPHA MPDX

[M-Monthly, Q-Quarterly, S-Semiannually, and A-Annually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
		(a) Calibration	
		(b) Verification	Will not calibrate within +/-10% and +/-4ms.
		(6) Exposure Indication	Any indicators prevent safe operation.
		(7) Line Current	The current is not less than 7Amps
		(8) Half Value Layer	The results are not greater than 0.51.
		(9) Reproducibility	The results are not less than 0.02.
		(10) Leakage Test	Any reading exceeds 50mR.
		(11) Beam Limiting Device	Tolerance is not within 5.8 – 6.2cm.
		(12) Final Step	
		(13) Update the Medical Equipment Verification/Certification label (DD Form 2163).	The unit has not been verified within the last 12 months.
		(14) Verify electrical safety.	The x-ray system fails any of the electrical safety tests.
	S	d. Perform long term storage maintenance procedures as directed by the manufacturer's literature.	The unit cannot complete the degassing process.

(continued) Appendix B. Repairer PMCS

6525-01-384-9296
X-Ray Apparatus, Model LCROKS

[M-Monthly, Q-Quarterly, S-Semiannually, and A-Annually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
1	M	**X-Ray Apparatus** a. Conduct an inventory to ensure that the items listed on the Equipment Parts and Accessories List are on hand.	Missing components prevent the use of the x-ray.
		b. Inspect unit for damage, discoloration, or excessively worn components	Unserviceable components prevent the use of x-ray.
2		**X-Ray Operational Test** **NOTE: Install the unit as direct by manufacturer's literature. Prepare x-ray tube for radiographic use in accordance with the manufacturer's break-in instructions.**	The unit cannot be installed.
		NOTE: An unseasoned tube will not calibrate and may develop hot spots.	
	A	a. Calibrate the unit as directed by the manufacturer's literature.	Unit cannot be calibrated.
	S	b. Perform the maintenance schedule checks as directed by the manufacturer's literature	
		(1) Perform external visual checks as directed by the manufacturer's literature.	
		(a) Check control panel stand, if so equipped, for nicks, scratches, or dents.	
		(b) Check for proper seating of APR labels.	
		(c) Inspect unit for all warning labels, serial tags, UL and CSA tags.	The labels are missing, unreadable, or out-dated.
		(2) Perform mechanical checks as directed by the manufacturer's literature.	
		(a) Check mechanical operation of control panel on/off and prep/expose switches.	X-ray does not operate or an electrical hazard exists.
		(b) Remove H.T. cables from transformer ports and check for proper level of oil. Check that H.T. cables are securely tightened.	Oil level is low or H.T. cables are not securely tightened.
		(c) Check connections on all cables on top of H.T. transformer.	The cables are not secure.
		(d) Check connections on all cables in electronics cabinet.	The cables are not secure.
		(e) Check connections on all cables in operator control panel.	The cables are not secure.

(continued) Appendix B. Repairer PMCS

6525-01-384-9296
X-Ray Apparatus, Model LCROKS

[M-Monthly, Q-Quarterly, S-Semiannually, and A-Annually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
		(3) Perform operational checks as directed by the manufacturer's literature. (a) Check for power-up sequence. (b) Check for operation of control panel switches; run fault diagnostics. (c) Check for operation of control panel LEDs; run fault diagnostics. (d) Check for operation of control panel display; run fault diagnostics. (e) Check for operation of control panel to generator communications; run fault diagnostics. (f) Check +5V power supply. (g) Check +15V power supply. (h) Check +24V power supply. (i) Depress "PREP" switch and check that control panel display reads "READY." (j) Depress "EXPOSURE" switch; listen for audible indicator to sound and check control panel for exposure indicator light. (k) Check that "BUT" logic works – "BUT" LED should light. (l) Check for actual mAs indication in display. (m) Check that another AEC exposure cannot be made. (n) Check that the reset button resets the "BUT" and another exposure can be made. (o) Check kV, mA, and time accuracy. (p) Check PT station(s) for density. (4) Regrease high tension cables as directed by manufacturer's literature (5) Replace NVRAM every 72 months as directed by the manufacturer's literature.	X-ray does not operate or an electrical hazard exists.

(continued) Appendix B. Repairer PMCS

6525-01-384-9296
X-Ray Apparatus, Model LCROKS

[M-Monthly, Q-Quarterly, S-Semiannually, and A-Annually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
		(6) Perform “Final Appearance Checks” as directed by the manufacturer’s literature.	
		(a) Clean all exposed exterior surfaces of the Clinix VP4 Generator.	
		(b) Check that all mounting hardware is secure and all covers are in place.	The mounting hardware is not secured.
	A	c. Update Medical Equipment Verification/Certification label (DD Form 2361)	The unit has not been verified within the last 12 months.

(continued) Appendix B. Repairer PMCS

6530-00-926-2151
Sterilizer, Surgical Dressing 16x36 in., Model M-138

[M-Monthly, Q-Quarterly, S-Semiannually, and A-Annually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
1	S	**Sterilizer**	
		a. Verify the components and accessories according to the Operator Preventive Maintenance Checks and Services.	The shelves are missing.
		b. Inspect the unit for obvious signs of damage such as cracks, dents, leaks, or broken components.	
2	S	**Sterilizer Operational**	
		a. Ensure that the unit is set up and assembled properly as directed by the Operator Preventive Maintenance Checks and Services.	
		b. Ensure unit is wired per data plate diagram to conform to incoming power.	Unit cannot be wired according to diagram.
		c. Inspect door for proper operation. Ensure hinges are properly lubricated. Inspect door gasket for damage or deterioration.	Sterilizer door does not close and seal.
		d. Inspect the case for damage. Ensure hinges and latches are properly lubricated.	Damage prevents operation of the unit.
3	S	**Sterilizer Jacket**	
		Verify operation of the sterilizer jacket according to the Operator Preventive Maintenance Checks and Services.	Jacket leaks or cannot be filled with water.
		WARNING: LIFT THE RELIEF HANDLE OF THE SAFETY VALVE OR TURN OPERATING VALVE TO THE DRY POSITION TO RELEASE ANY PRESSURE IN THE JACKET BEFORE REMOVING THE PLUG FROM THE FILLING FUNNEL. FILL THE STERILIZER JACKET WITH THE PUREST WATER AVAILABLE AND INSPECT FOR WATER LEAKS. INSPECT THE WATER LEVEL INDICATOR GAUGE AND ENSURE WATER IS AT LEAST AT ¼ MARK.	Water level indicator gauge is broken or excessive mineral deposits obscure the reading of the water level.
4	S	**Operation Valve**	
		a. Conduct operating valve checks.	Operating valve leaks or does not operate properly.
		b. Verify the increase in pressure and test the safety valve by depressing the safety lever.	Pressure does not increase or if the safety valve does not release pressure when depressed.

Appendix C. Maintenance Allocation Chart

6520-01-272-4531
Dental Operating Unit, ADEC Model 3406 Porta-Cart

[C – Operator or Crew; O – Unit Maintenance; DS – Direct Support Maintenance; GS – General Support Maintenance; D – Depot Maintenance]

(1) GROUP NUMBER	(2) ASSEMBLY GROUP	(3) MAINTENANCE FUNCTION	(4) MAINTENANCE LEVEL	(5) TOOLS AND EQUIPMENT	(6) REMARKS
00	Dental Unit	Inspect	C		
		Service	O	01	
		Test	O	01	
		Repair	O	01	
		Overhaul	O	01	
01	Air and Water Filters	Inspect	O	01	
		Replace	O	01	
02	Air and Water Regulators	Inspect	O	01	
		Service	O	01	
		Test	O	01	
		Repair	O	01	
		Overhaul	O	01	
03	Century II Control System	Inspect	O	01	
		Service	O	01	
		Test	O	01	
		Repair	O	01	
		Overhaul	O	01	
04	Three-Way Micro Valves	Inspect	O	01	
		Service	O	01	
		Test	O	01	
		Repair	O	01	
		Overhaul	O	01	
05	Foot Control Valve	Inspect	O	01	
		Service	O	01	
		Test	O	01	
		Repair	O	01	
		Overhaul	O	01	
06	Signal Relay Valve	Inspect	O	01	
		Service	O	01	
		Test	O	01	
		Repair	O	01	
		Overhaul	O	01	
07	Chip Blower Valve	Inspect	O	01	
		Service	O	01	

(continued) Appendix C. Maintenance Allocation Chart

6520-01-272-4531
Dental Operating Unit, ADEC Model 3406 Porta-Cart

[C – Operator or Crew; O – Unit Maintenance; DS – Direct Support Maintenance; GS – General Support Maintenance; D – Depot Maintenance]

(1) GROUP NUMBER	(2) ASSEMBLY GROUP	(3) MAINTENANCE FUNCTION	(4) MAINTENANCE LEVEL	(5) TOOLS AND EQUIPMENT	(6) REMARKS
		Test	O	01	
		Repair	O	01	
		Overhaul	O	01	
08	Three Way Toggle Valves	Inspect	O	01	
		Service	O	01	
		Test	O	01	
		Repair	O	01	
		Overhaul	O	01	
09	Needle Valves	Inspect	O	01	
		Service	O	01	
		Test	O	01	
		Repair	O	01	
		Overhaul	O	01	
10	Syringe	Inspect	O	01	
		Service	O	01	
		Test	O	01	
		Repair	O	01	
		Overhaul	O	01	
11	Air Vacuum System	Inspect	O	01	
		Service	O	01	
		Test	O	01	
		Repair	O	01	
		Overhaul	O	01	
12	Air Saliva Ejector	Inspect	O	01	
		Service	O	01	
		Test	O	01	
		Repair	O	01	
		Overhaul	O	01	
13	Storage Case	Inspect	O	01	
		Repair	O	01, 02	
		Overhaul	O	01, 02	

(continued) Appendix C. Maintenance Allocation Chart

6520-01-398-4613
Compressor Dehydrator, Dental, Model PAC 6.7

[C – Operator or Crew; O – Unit Maintenance; DS – Direct Support Maintenance; GS – General Support Maintenance; D – Depot Maintenance]

(1) GROUP NUMBER	(2) ASSEMBLY GROUP	(3) MAINTENANCE FUNCTION	(4) MAINTENANCE LEVEL	(5) TOOLS AND EQUIPMENT	(6) REMARKS
00	Compressor Dehydrator	Inspect	C		
		Test	C		
		Service	C		
		Adjust	O	01, 02	
		Safety	O	29	
		Repair	O	01, 02	
		Overhaul	DS	01, 02, 03	
		Rebuild	D	01, 02, 03, 04	
01	Compressor	Test	O	01, 02	
		Service	O	01, 02	
		Replace	O	01, 02	
		Repair	O	01, 02	
		Rebuild	D	01, 02, 03, 04	
0101	Intake Filter Element	Inspect	C		
		Replace	O		
0102	Power Cord	Inspect	C		
		Replace	O	01, 02	
0103	Air Hose	Inspect	C		
		Replace	C		
02	Fan	Test	O	09	
		Replace	O	01, 02	
03	Cooling Coil	Inspect	O	01, 02	
		Replace	O	01, 02	
04	Drying Chamber	Inspect	O	01, 02	
		Replace	O	01, 02	
05	Storage Tank	Inspect	O	01, 02	
		Replace	O	01, 02	
0501	Presssure Relief Drain Valve	Inspect	O	01, 02	
		Replace	O	01, 02	
06	Dryness Indicator Disk	Inspect	C		
		Replace	O	01, 02	
07	Pressure Gauge	Test	O	01, 02	
		Replace	O	01, 02	
		Repair	O	01, 02	

(continued) Appendix C. Maintenance Allocation Chart

6520-01-398-4613
Compressor Dehydrator, Dental, Model PAC 6.7

[C – Operator or Crew; O – Unit Maintenance; DS – Direct Support Maintenance; GS – General Support Maintenance; D – Depot Maintenance]

(1) GROUP NUMBER	(2) ASSEMBLY GROUP	(3) MAINTENANCE FUNCTION	(4) MAINTENANCE LEVEL	(5) TOOLS AND EQUIPMENT	(6) REMARKS
08	Water Separator	Inspect	O	01, 02	
		Replace	O	01, 02	
0801	Muffler	Inspect	C		
		Replace	O	01, 02	
09	Case	Inspect	C	01, 02	
		Repair	DS	01, 02, 03	
0901	Latches	Inspect	C		
		Replace	O	01, 02	

(continued) Appendix C. Maintenance Allocation Chart

6525-01-312-6411
X-Ray Apparatus, Radiographic/Fluoroscopic, Model CS-8952

[C – Operator or Crew; O – Unit Maintenance; DS – Direct Support Maintenance; GS – General Support Maintenance; D – Depot Maintenance]

(1) GROUP NUMBER	(2) ASSEMBLY GROUP	(3) MAINTENANCE FUNCTION	(4) MAINTENANCE LEVEL	(5) TOOLS AND EQUIPMENT	(6) REMARKS
00	X-Ray Apparatus	Inspect	O		
		Test	O	01, 02, 20, 21, 05, 14, 26	
		Service	O	01, 02, 20, 21, 05, 14, 26	
		Repair	O	01, 02, 20, 21	
		Replace	O	01, 02	
		Overhaul	O	01, 02	
		Rebuild	D	01, 02, 04	
01	Generator	Inspect	O		
		Test	O	01, 02, 20, 21, 05, 14, 26	
		Service	O	01, 02, 20, 21, 05, 14, 26	
		Repair	O	01, 02, 20, 21	
		Replace	O	01, 02,	
		Overhaul	O	01, 02	
		Rebuild	D	01, 02, 04	
02	Spot Film Device	Inspect	O		
		Test	O	01, 02, 20, 21	
		Service	O	01, 02	
		Repair	O	01, 02,	
		Replace	O	01, 02	
		Overhaul	O	01, 02, 20, 21	
		Rebuild	D	01, 02, 04	
03	Under-Table Collimator	Inspect	O		
		Test	O	01, 02	
		Service	O	01, 02	
		Repair	O	01, 02	
		Replace	O	01, 02	
		Overhaul	O	01, 02, 04	
		Rebuild	D	01, 02, 04	
04	Over-Table Collimator	Inspect	O		
		Test	O	01, 02, 20, 21	
		Service	O	01, 02, 20, 21	
		Repair	O	01, 02, 20	
		Replace	O	01, 02	
		Overhaul	O	01, 02, 20	

(continued) Appendix C. Maintenance Allocation Chart

6525-01-312-6411
X-Ray Apparatus, Radiographic/Fluoroscopic, Model CS-8952

[C – Operator or Crew; O – Unit Maintenance; DS – Direct Support Maintenance; GS – General Support Maintenance; D – Depot Maintenance]

(1) GROUP NUMBER	(2) ASSEMBLY GROUP	(3) MAINTENANCE FUNCTION	(4) MAINTENANCE LEVEL	(5) TOOLS AND EQUIPMENT	(6) REMARKS
		Rebuild	D	01, 02, 04	
05	Automatic Exposure Control	Inspect	O		
		Test	O	01, 02, 20, 21	
		Service	O	01, 02, 20, 21	
		Repair	O	01, 02, 20	
		Replace	O	01, 02	
		Overhaul	O	01, 02	
		Rebuild	D	01, 02, 04	
06	Image Intensifier	Inspect	O		
		Test	O	01, 02, 20, 21	
		Service	O	01, 02, 20, 21	
		Repair	O	01, 02, 20	
		Replace	O	01, 02, 20	
		Overhaul	O	01, 02, 20	
		Rebuild	D	01, 02, 04, 20	
07	Over-Table Tube	Inspect	O		
		Test	O	01, 02, 20, 21	
		Service	O	01, 02, 20, 21	
		Repair	D	01, 02, 20	
		Replace	O	01, 02, 20	
		Overhaul	D	01, 02, 20	
		Rebuild	D	01, 02, 04, 20	
08	Under-Table Tube	Inspect	O		
		Test	O	01, 02, 20, 21	
		Service	O	01, 02, 20, 21	
		Repair	D	01, 02, 20	
		Replace	O	01, 02, 20	
		Overhaul	D	01, 02, 20	
		Rebuild	D	01, 02, 04, 20	
09	Table	Inspect	O		
		Test	O	01, 02, 20, 21	
		Service	O	01, 02, 20, 21	
		Repair	O	01, 02, 20	

(continued) Appendix C. Maintenance Allocation Chart

6525-01-312-6411
X-Ray Apparatus, Radiographic/Fluoroscopic, Model CS-8952

[C – Operator or Crew; O – Unit Maintenance; DS – Direct Support Maintenance; GS – General Support Maintenance; D – Depot Maintenance]

(1) GROUP NUMBER	(2) ASSEMBLY GROUP	(3) MAINTENANCE FUNCTION	(4) MAINTENANCE LEVEL	(5) TOOLS AND EQUIPMENT	(6) REMARKS
		Replace	O	01, 02, 20	
		Overhaul	O	01, 02, 20	
		Rebuild	D	01, 02, 04, 20	
010	Tubestand	Inspect	O		
		Test	O	01, 02, 20	
		Service	O	01, 02, 20	
		Repair	O	01, 02, 20	
		Replace	O	01, 02, 20	
		Overhaul	O	01, 02, 20	
		Rebuild	D	01, 02, 04, 20	

(continued) Appendix C. Maintenance Allocation Chart

6525-01-325-3740
Portable X-Ray System, Model 1200

[C – Operator or Crew; O – Unit Maintenance; DS – Direct Support Maintenance; GS – General Support Maintenance; D – Depot Maintenance]

(1) GROUP NUMBER	(2) ASSEMBLY GROUP	(3) MAINTENANCE FUNCTION	(4) MAINTENANCE LEVEL	(5) TOOLS AND EQUIPMENT	(6) REMARKS
00	X-Ray System	Inspect	O		
		Test	O	01, 02, 20, 21, 05, 14, 26	
		Service	O	01, 02, 20, 21, 05, 14, 26	
		Repair	O	01, 02, 20, 21	
		Replace	O	01, 02, 20	
		Overhaul	O	01, 02, 20	
		Rebuild	D	01, 02, 04, 20	
01	Control Assembly	Inspect	O		
		Test	O	01, 02, 20, 21	
		Service	O	01, 02, 20, 21	
		Repair	O	01, 02, 20	
		Replace	O	01, 02, 20	
		Overhaul	O	01, 02, 20, 21	
		Rebuild	D	01, 02, 04, 20, 21	
02	Panel Assembly, Control	Inspect	O		
		Test	O	01, 02, 20	
		Service	O	01, 02, 20	
		Repair	O	01, 02, 20	
		Replace	O	01, 02, 20	
		Overhaul	O	01, 02, 20	
		Rebuild	D	01, 02, 04	
03	PCB Assembly, Mother Board	Inspect	O		
		Test	O	01, 02, 20, 21	
		Service	O	01, 02, 20, 21	
		Repair	O	01, 02, 20, 21	
		Replace	O	01, 02,	
		Overhaul	O	01, 02, 20, 21	
		Rebuild	D	01, 02, 04, 20, 21	
04	PCB Assembly, Timer Board	Inspect	O		
		Test	O	01, 02, 20, 21	
		Service	O	01, 02, 20, 21	
		Repair	O	01, 02, 20, 21	
		Replace	O	01, 02, 20, 21	
		Overhaul	O	01, 02, 20, 21	
		Rebuild	D	01, 02, 04, 20, 21	

(continued) Appendix C. Maintenance Allocation Chart

6525-01-325-3740
Portable X-Ray System, Model 1200

[C – Operator or Crew; O – Unit Maintenance; DS – Direct Support Maintenance; GS – General Support Maintenance; D – Depot Maintenance]

(1) GROUP NUMBER	(2) ASSEMBLY GROUP	(3) MAINTENANCE FUNCTION	(4) MAINTENANCE LEVEL	(5) TOOLS AND EQUIPMENT	(6) REMARKS
05	PCB Assembly, Line Set	Inspect	O		
		Test	O	01, 02, 20, 21	
		Service	O	01, 02, 20, 21	
		Repair	O	01, 02, 20, 21	
		Replace	O	01, 02, 20, 21	
		Overhaul	O	01, 02, 20, 21	
		Rebuild	D	01, 02, 04, 20, 21	
06	PCB Assembly, MAS Interface Board	Inspect	O		
		Test	O	01, 02, 20, 21	
		Service	O	01, 02, 20, 21	
		Repair	O	01, 02, 20, 21	
		Replace	O	01, 02, 20, 21	
		Overhaul	O	01, 02, 20, 21	
		Rebuild	D	01, 02, 04, 20, 21	
07	Plate Assembly, Base	Inspect	O		
		Test	O	01, 02	
		Service	O	01, 02	
		Repair	O	01, 02	
		Replace	O	01, 02	
		Overhaul	O	01, 02	
		Rebuild	D	01, 02, 04	
08	Switch Assembly, Exposure	Inspect	O		
		Test	O	01, 02, 20	
		Service	O	01, 02, 20	
		Repair	O	01, 02, 20	
		Replace	O	01, 02, 20	
		Overhaul	O	01, 02, 20	
		Rebuild	D	01, 02, 04, 20	
09	Case, Control Assembly	Inspect	O		
		Test	O	01, 02	
		Service	O	01, 02	
		Repair	O	01, 02	
		Replace	O	01, 02	
		Overhaul	O	01, 02	

(continued) Appendix C. Maintenance Allocation Chart

6525-01-325-3740
Portable X-Ray System, Model 1200

[C – Operator or Crew; O – Unit Maintenance; DS – Direct Support Maintenance; GS – General Support Maintenance; D – Depot Maintenance]

(1) GROUP NUMBER	(2) ASSEMBLY GROUP	(3) MAINTENANCE FUNCTION	(4) MAINTENANCE LEVEL	(5) TOOLS AND EQUIPMENT	(6) REMARKS
		Rebuild	D	01, 02, 04	
10	Cord, Line, Assembly	Inspect	O		
		Test	O	01, 02, 20	
		Service	O	01, 02, 20	
		Repair	O	01, 02, 20	
		Replace	O	01, 02, 20	
		Overhaul	O	01, 02, 20	
		Rebuild	D	01, 02, 04, 20	
11	Cable Assembly	Inspect	O		
		Test	O	01, 02, 20	
		Service	O	01, 02, 20	
		Repair	O	01, 02, 20	
		Replace	O	01, 02, 20	
		Overhaul	O	01, 02, 20	
		Rebuild	D	01, 02, 04, 20	
12	Harness Assembly	Inspect	O		
		Test	O	01, 02, 20	
		Service	O	01, 02, 20	
		Repair	O	01, 02, 20	
		Replace	O	01, 02, 20	
		Overhaul	O	01, 02, 20	
		Rebuild	D	01, 02, 04, 20	
13	Generator Assembly	Inspect	O		
		Test	O	01, 02, 20, 21	
		Service	O	01, 02, 20, 21	
		Repair	O	01, 02, 20	
		Replace	O	01, 02, 20	
		Overhaul	O	01, 02, 20, 21	
		Rebuild	D	01, 02, 04, 20, 21	
14	Collimator Assembly	Inspect	O		
		Test	O	01, 02, 20	
		Service	O	01, 02, 20	
		Repair	O	01, 02, 20	
		Replace	O	01, 02, 20	
		Overhaul	O	01, 02, 20	

(continued) Appendix C. Maintenance Allocation Chart

6525-01-325-3740
Portable X-Ray System, Model 1200

[C – Operator or Crew; O – Unit Maintenance; DS – Direct Support Maintenance; GS – General Support Maintenance; D – Depot Maintenance]

(1) GROUP NUMBER	(2) ASSEMBLY GROUP	(3) MAINTENANCE FUNCTION	(4) MAINTENANCE LEVEL	(5) TOOLS AND EQUIPMENT	(6) REMARKS
		Rebuild	D	01, 02, 04, 20	
15	Tube Head Assembly	Inspect	O		
		Test	O	01, 02, 20	
		Service	D	01, 02, 04, 20	
		Repair	D	01, 02, 04, 20	
		Replace	O	01, 02, 20	
		Overhaul	D	01, 02, 04, 20	
		Rebuild	D	01, 02, 04, 20	
16	Yoke Assembly	Inspect	O		
		Test	O	01, 02	
		Service	O	01, 02	
		Repair	O	01, 02	
		Replace	O	01, 02	
		Overhaul	O	01, 02	
		Rebuild	D	01, 02, 04	
17	Chassis, Generator, Assembly	Inspect	O		
		Test	O	01, 02	
		Service	O	01, 02	
		Repair	O	01, 02	
		Replace	O	01, 02	
		Overhaul	O	01, 02	
		Rebuild	D	01, 02, 04	
18	Stand Assembly	Inspect	O		
		Test	O	01, 02	
		Service	O	01, 02	
		Repair	O	01, 02	
		Replace	O	01, 02	
		Overhaul	O	01, 02	
		Rebuild	D	01, 02, 04	
19	Frame Assembly, Stand	Inspect	O		
		Test	O	01, 02	
		Service	O	01, 02	
		Repair	O	01, 02	
		Replace	O	01, 02	

(continued) Appendix C. Maintenance Allocation Chart

6525-01-325-3740
Portable X-Ray System, Model 1200

[C – Operator or Crew; O – Unit Maintenance; DS – Direct Support Maintenance; GS – General Support Maintenance; D – Depot Maintenance]

(1) GROUP NUMBER	(2) ASSEMBLY GROUP	(3) MAINTENANCE FUNCTION	(4) MAINTENANCE LEVEL	(5) TOOLS AND EQUIPMENT	(6) REMARKS
		Overhaul	O	01, 02	
		Rebuild	D	01, 02, 04	
20	Cross Arm Assembly	Inspect	O		
		Test	O	01, 02	
		Service	O	01, 02	
		Repair	O	01, 02	
		Replace	O	01, 02	
		Overhaul	O	01, 02	
		Rebuild	D	01, 02, 04	
21	Gear Box Assembly	Inspect	O		
		Test	O	01, 02	
		Service	O	01, 02	
		Repair	O	01, 02	
		Replace	O	01, 02	
		Overhaul	O	01, 02	
		Rebuild	D	01, 02, 04	
22	Pipe Assembly	Inspect	O		
		Test	O		
		Service	O	01, 02	
		Repair	O	01, 02	
		Replace	O	01, 02	
		Overhaul	O	01, 02	
		Rebuild	D	01, 02, 04	
23	Container, Reuseable	Inspect	O		
		Test	O	01, 02	
		Service	O	01, 02	
		Repair	O	01, 02	
		Replace	O	01, 02	
		Overhaul	O	01, 02	
		Rebuild	D	01, 02, 04	

(continued) Appendix C. Maintenance Allocation Chart
25-01-370-7552
Portable Dental X-Ray System, Model ALPHA MPDX

[C – Operator or Crew; O – Unit Maintenance; DS – Direct Support Maintenance; GS – General Support Maintenance; D – Depot Maintenance]

(1) GROUP NUMBER	(2) ASSEMBLY GROUP	(3) MAINTENANCE FUNCTION	(4) MAINTENANCE LEVEL	(5) TOOLS AND EQUIPMENT	(6) REMARKS
00	X-Ray System	Inspect	C		
		Test	O	01, 02, 20, 21, 05, 14, 26	
		Service	O	01, 02, 20, 21, 05, 14, 26	
		Repair	O	01, 02	
		Replace	O	01, 02	
		Overhaul	D	01, 02	
		Rebuild	D	01, 02, 04	
01	X-Ray Control Assembly	Inspect	C		
		Test	O	01, 02, 20, 21, 05, 14, 26	
		Service	O	01, 02, 20, 21, 05, 14, 26	
		Repair	O	01, 02	
		Replace	O	01, 02	
		Overhaul	O	01, 02	
		Rebuild	D	01, 02, 04	
02	X-Ray Source Assembly	Inspect	O		
		Test	O	01, 02, 20, 21, 05, 14, 26	
		Service	O	01, 02, 20, 21, 05, 14, 26	
		Repair	O	01, 02	
		Replace	O	01, 02	
		Overhaul	O	01, 02	
		Rebuild	D	01, 02, 04	
0201	X-Ray Tubehead Subassembly	Inspect	O		
		Test	O	01, 02	
		Service	O	01, 02	
		Repair	O	01, 02	
		Replace	O	01, 02	
		Overhaul	D	01, 02, 04	
		Rebuild	D	01, 02, 04	
0202	Dental Cone Subassembly	Inspect	C		
		Test	O	01, 02	
		Service	O	01, 02	
		Repair	O	01, 02	
		Replace	O	01, 02	
		Overhaul	O	01, 02	
		Rebuild	D	01, 02, 04	
03	Scissor Arm Assembly	Inspect	C		

(continued) Appendix C. Maintenance Allocation Chart

6525-01-370-7552
Portable Dental X-Ray System, Model ALPHA MPDX

[C – Operator or Crew; O – Unit Maintenance; DS – Direct Support Maintenance; GS – General Support Maintenance; D – Depot Maintenance]

(1) GROUP NUMBER	(2) ASSEMBLY GROUP	(3) MAINTENANCE FUNCTION	(4) MAINTENANCE LEVEL	(5) TOOLS AND EQUIPMENT	(6) REMARKS
		Test	C		
		Service	O	01, 02	
		Repair	O	01, 02	
		Replace	O	01, 02	
		Overhaul	O	01, 02	
		Rebuild	D	01, 02, 04	
04	Chair Unit	Inspect	C		
		Test	C		
		Service	O	01, 02	
		Repair	O	01, 02	
		Replace	O	01, 02	
		Overhaul	O	01, 02	
		Rebuild	D	01, 02, 04	
0401	Headrest Assembly	Inspect	C		
		Test	C		
		Service	O	01, 02	
		Repair	O	01, 02	
		Replace	O	01, 02	
		Overhaul	O	01, 02	
		Rebuild	D	01, 02, 04	
05	Carrying Case	Inspect	C		
		Test	C		
		Service	O	01, 02	
		Repair	O	01, 02	
		Replace	O	01, 02	
		Overhaul	O	01, 02	
		Rebuild	D	01, 02, 04	

(continued) Appendix C. Maintenance Allocation Chart

6525-01-384-9296
X-Ray Apparatus, Model LCROKS

[C – Operator or Crew; O – Unit Maintenance; DS – Direct Support Maintenance; GS – General Support Maintenance; D – Depot Maintenance]

(1) GROUP NUMBER	(2) ASSEMBLY GROUP	(3) MAINTENANCE FUNCTION	(4) MAINTENANCE LEVEL	(5) TOOLS AND EQUIPMENT	(6) REMARKS
00	X-Ray Apparatus	Inspect	C, O		
		Test	O	01, 02, 20, 21, 05, 14, 26	
		Service	O	01, 02, 20, 21, 05, 14, 26	
		Calibrate	O	01, 02, 20, 21, 05, 14, 26	
		Repair	O	01, 02	
		Replace	O	01, 02	
		Overhaul	O	01, 02	
		Rebuild	D	01, 02, 04	
01	Operator Console	Inspect	C, O		
		Test	O	01, 02, 20, 21	
		Service	O	01, 02, 20	
		Calibrate	O	01, 02, 20, 21	
		Repair	O	01, 02	
		Replace	O	01, 02	
		Overhaul	O	01, 02	
		Rebuild	D	01, 02, 04	
02	Electronics Cabinet	Inspect	O		
		Test	O	01, 02, 20, 21	
		Service	O	01, 02, 20, 21	
		Calibrate	O	01, 02, 20, 21	
		Repair	O	01, 02	
		Replace	O	01, 02	
		Overhaul	O	01, 02	
		Rebuild	D	01, 02, 04	
03	Electronics Chassis	Inspect	O		
		Test	O	01, 02, 20, 21	
		Service	O	01, 02, 20	
		Calibrate	O	01, 02, 20	
		Repair	O	01, 02	
		Replace	O	01, 02	
		Overhaul	O	01, 02	
		Rebuild	D	01, 02, 04	
04	Inverter Chassis	Inspect	O		
		Test	O	01, 02, 20, 21	
		Service	O	01, 02, 20, 21	
		Calibrate	O	01, 02, 20, 21	

(continued) Appendix C. Maintenance Allocation Chart

6525-01-384-9296
X-Ray Apparatus, Model LCROKS

[C – Operator or Crew; O – Unit Maintenance; DS – Direct Support Maintenance; GS – General Support Maintenance; D – Depot Maintenance]

(1) GROUP NUMBER	(2) ASSEMBLY GROUP	(3) MAINTENANCE FUNCTION	(4) MAINTENANCE LEVEL	(5) TOOLS AND EQUIPMENT	(6) REMARKS
		Replace	O	01, 02	
		Overhaul	O	01, 02	
		Rebuild	D	01, 02, 04	
05	High-Tension Transformer	Inspect	O		
		Test	O	01, 02, 20, 21	
		Service	O	01, 02, 20, 21	
		Calibrate	O	01, 02, 20, 21	
		Repair	O	01, 02	
		Replace	O	01, 02	
		Overhaul	O	01, 02	
		Rebuild	D	01, 02, 04	
06	Cables				
0601	Power Cable	Inspect	C, O		
		Test	O		
		Service	O		
		Repair	O	01, 02	
		Replace	O	01, 02	
		Overhaul	O	01, 02	
		Rebuild	D	01, 02	
0602	Interconnecting Cables	Inspect	O		
		Test	O	01, 02, 20	
		Service	O	01, 02, 20	
		Repair	O	01, 02	
		Replace	O	01, 02	
		Overhaul	O	01, 02	
		Rebuild	D	01, 02, 04	
0603	High-Tension Generator Cable	Inspect	O		
		Test	O	01, 02, 20	
		Service	O	01, 02, 20	
		Repair	O	01, 02	
		Replace	O	01, 02	
		Overhaul	O	01, 02	
		Rebuild	D	01, 02, 04	
0604	Rotor Drive Cable	Inspect	O		
		Test	O	01, 02	
		Service	O	01, 02	
		Repair	O	01, 02	
		Replace	O	01, 02	

(continued) Appendix C. Maintenance Allocation Chart

6525-01-384-9296
X-Ray Apparatus, Model LCROKS

[C – Operator or Crew; O – Unit Maintenance; DS – Direct Support Maintenance; GS – General Support Maintenance; D – Depot Maintenance]

(1) GROUP NUMBER	(2) ASSEMBLY GROUP	(3) MAINTENANCE FUNCTION	(4) MAINTENANCE LEVEL	(5) TOOLS AND EQUIPMENT	(6) REMARKS
		Overhaul Rebuild	O	01, 02 01, 02, 04	

(continued) Appendix C. Maintenance Allocation Chart

6530-00-926-2151
Sterilizer, Surgical Dressing 16x36 in., Model M-138

[C – Operator or Crew; O – Unit Maintenance; DS – Direct Support Maintenance; GS – General Support Maintenance; D – Depot Maintenance]

(1) GROUP NUMBER	(2) ASSEMBLY GROUP	(3) MAINTENANCE FUNCTION	(4) MAINTENANCE LEVEL	(5) TOOLS AND EQUIPMENT	(6) REMARKS
00	Sterilizer	Inspect	C		
		Test	O	01, 02	
		Electrical Safety Test	O	01, 02, 20, 29	
01	Heater Assemby	Test	O	01, 02, 29	
		Replace	O	01, 02	
02	Control Box Assembly	Inspect	O	01, 02	
		Repair	O	01, 02, 29	
0201	Relay, Armature	Test	O	01, 02, 29	
		Replace	O	01, 02	
0202	Pressure Control	Test	O	01, 02, 29	
		Replace	O	01, 02	
0203	Pilot Light	Test	O	01, 02, 29	
		Replace	O	01, 02	
0204	Lamp, Neon	Test	O	01, 02, 29	
		Replace	O	01, 02	
0205	Switch, Toggle	Test	O	01, 02, 29	
		Replace	O	01, 02	
0206	Switch, Low Water Cut-off	Test	O	01, 02, 29	
		Replace	O	01, 02	
0207	Block, Terminal	Replace	O	01, 02	
03	Operating Valve Assembly	Test	O	01, 02	
		Repair	O	01, 02	
		Replace	O	01, 02	
04	Door Assembly	Test	O	01, 02	
		Service	O	01, 02	
		Repair	O	01, 02	
0401	Packing, Preformed (Door Gasket)	Inspect	C		
		Replace	O	01, 02	

(continued) Appendix C. Maintenance Allocation Chart

6530-00-926-2151
Sterilizer, Surgical Dressing 16x36 in., Model M-138

[C – Operator or Crew; O – Unit Maintenance; DS – Direct Support Maintenance; GS – General Support Maintenance; D – Depot Maintenance]

(1) GROUP NUMBER	(2) ASSEMBLY GROUP	(3) MAINTENANCE FUNCTION	(4) MAINTENANCE LEVEL	(5) TOOLS AND EQUIPMENT	(6) REMARKS
05	Vacuum Dryer Assembly	Test	O	01, 02	
		Replace	O	01, 02	
06	Gauges	Inspect	C		
		Test	O	01, 02	
		Replace	O	01, 02	
07	Timer	Test	O	01, 02	
		Replace	O	01, 02	
08	Case, Transport	Inspect	C		
		Repair	O	01, 02	
		Overhaul	D	04	
09	Shelves	Inspect	C		
		Replace	C		
10	Chamber	Inspect	C		
		Replace	O	01, 02	
		Overhaul	D	01, 02, 04	

(continued) Appendix D. Equipment Parts and Accessories List

6520-01-272-4531
Dental Operating Unit, ADEC Model 3406 Porta-Cart

ITEM NO	Part or Accessory Description	Part or Accessory Number	Basic Issue	Operator	Repairer
1	Operator/Service Manual	65-634	2	1	1
2	Century II Automatic Control System for Two Handpieces	38-0191-00	1	1	1
3	Air Coolant Flow Control	13-0361-00	1	1	1
4	Water Coolant On-Off Toggle	33-0048-00	1	1	1
5	Water Coolant Flow Control for each Handpiece	13-0361-00	1	1	1
6	Drive Air Pressure Gauge	026-009-00	1	1	1
7	Disc Type Foot Control with Chip Blower Button	38-0251-00	1	1	1
8	Self Contained Two-Quart Water Tank	36-0023-00	1	1	1
9	Water Pressure On-Off Toggle	33-0048-00	1	1	1
10	Air Vacuum System	10-0729-00	1	1	1
11	AVS Handpiece Assembly	10-0716-00	1	1	1
12	Oral Evacuator Flow Control	13-0361-00	1	1	1
13	Air Saliva Ejector with Solids Separator	12-0070-00	1	1	1
14	Polypropylene Waste Bottle	17-0270-00	1	1	1
15	Soft Touch Button Syringe with Coiled Tubing	23-0088-00	1	1	1
16	Quick-Disconnect Water Outlet	026-065-00	1	1	1
17	Adjustable Height Frame	36-0015-00	1	1	1
18	Fiberglass Carrying Case	36-0070-00	1	1	1
19	Stainless Steel Tray, 15 1/8” x 10 5/8”	043-003-00	1	1	1
20	Two Coiled Handpiece Tubing with Midwest-Connectors	98-0448-00	1	1	1
21	10 Foot Air Supply Tubing with Quick Disconnects	45-0182-00	1	1	1
22	Water Tank Filler Funnel	009-003-00	1	1	1
23	Stainless Steel Dry Oral Cup	11-0450-00	1	1	1
24	Stainless Steel Oral Evacuator Tips	10-0010-00	1	1	1
25	Porta-Cart Accessory Kit	36-0089-00	1	1	1
	a. Case	36-0084-00	1	1	1
	b. Caster	16-0080-00	4	4	4
	c. Service Kit, Air-Filter/Regulator	90-0030-00	1	1	1
	d. Service Kit, Century II	90-0308-00	1	1	1
	e. Stainless Steel Tip	10-0010-00	2	2	2
	f. Male ¼" Quick-Disconnect	026-035-00	1	1	1
	g. Water Cup Filler Tube	17-0240-00	1	1	1
	h. ¾" Open End Wrench	009-004-00	1	1	1

(continued) Appendix D. Equipment Parts and Accessories List

6520-01-272-4531
Dental Operating Unit, ADEC Model 3406 Porta-Cart

ITEM NO	Part or Accessory Description	Part or Accessory Number	Basic Issue	Operator	Repairer
	i. ½" Diameter Brush	049-001-00	1	1	1
	j. Offset Screwdriver	009-001-00	1	1	1
	k. Plastic Sleeve Tool	98-0072-00	1	1	1
	l. Syringe Tips	23-0872-00	2	2	2
	m. Syringe Service Kit	90-0310-00	1	1	1
	n. AVS Locking Button Kit	10-0600-00	1	1	1
26	Star Futura F303 High Speed Handpiece	53874	1	1	1
27	Star Titan 2 TA202M	3055	1	1	1

(continued) Appendix D. Equipment Parts and Accessories List

6520-01-398-4613
Compressor Dehydrator, Dental, Model PAC 6.7

ITEM NO	Part or Accessory Description	Part or Accessory Number	Basic Issue	Operator	Repairer
1	Interconnecting Air Hoses; 10-foot section with appropriate connectors (connects Compressor to Dental Operating and Treatment Unit).	PAC6.7-035	2	1	1
2	Technical Manual; Complete Operating and Maintenance Instructions.	PAC6.7M	2	1	1

(continued) Appendix D. Equipment Parts and Accessories List

6525-01-312-6411
X-Ray Apparatus, Radiographic/Fluoroscopic, Model CS-8952

ITEM NO	Part or Accessory Description	Part or Accessory Number	Basic Issue	Operator	Repairer
1	Tools				
2	Manuals, Service (2 Volumes), and Operator	9023.400	1 set	1	1
3	Tubestand	CTC	1	1	1
4	X-Ray Table	5736.062.02	1	1	1
5	Radiation Shield		1	1	1
6	X-Ray Generator control	MXR-350	1	1	1
7	Mobile Cassette Stand, with Shipping Crate		1	1	1
8	Spot Film Device, with Shipping Crate	EXT-950 (DPSC)	1	1	1
9	Transformer, High Voltage		1	1	1
10	Auxiliary Cabinet		1	1	1
11	X-Ray Tube, Over-Table, with Shipping Crate	RAD-13	1	1	1
12	X-Ray tube, Under-Table, with Shipping Crate	RAD-14	1	1	1
13	Collimator, Over-Table, with Shipping Crate	70-08040 LINEAR II (DPSC)	1	1	1
14	Collimator, Under-Table, with Shipping Crate	LINEAR FSE	1	1	1
15	Image Intensifier, with Shipping Crate		1	1	1
16	Interconnecting Cables				
17	Patient Handgrips	5236.500.02	1 set	1 set	1 set
18	Urological Knee Crutches	5436.504.02	1 set	1 set	1 set
19	Compression Band Device	5536.500.01	1	1	1
20	Shoulder Rest	5536.504.01	1 set	1 set	1 set
21	Foot Rest	5536.504.02	1 set	1 set	1 set
22	Head Clamp	9491.201	1	1	1
23	Over-Table HV Cables		1 set	1 set	1 set
24	Under-Table HV Cables		1 set	1 set	1 set

(continued) Appendix D. Equipment Parts and Accessories List

6525-01-325-3740
Portable X-Ray System, Model 1200

ITEM NO	Part or Accessory Description	Part or Accessory Number	Basic Issue	Operator	Repairer
1	Operator/Service Manual	Model 1200 Service Manual	2	1	1
2	Control Assembly	500507	1	1	1
3	Exposure Switch Assembly	500512	1	1	1
4	X-Ray Generator Assembly	500542	1	1	1
5	Stand Assembly	500592	1	1	1
6	Reusable Storage Container	201047	1	1	1
7	Line Cord	500081	1	1	1
8	Interconnecting Cable Assembly	500595	1	1	1

(continued) Appendix D. Equipment Parts and Accessories List

6525-01-370-7552
Portable Dental X-Ray System, Model ALPHA MPDX

ITEM NO	Part or Accessory Description	Part or Accessory Number	Basic Issue	Operator	Repairer
1	Carrying Case Unit	500883	1	1	1
	Parts Shipped in Cover				
2	a. Chair Unit	500892	1	1	1
3	1. Seat	218110	1	1	1
4	2. Backrest	218111	1	1	1
5	3. Headrest	218108	1	1	1
6	4. Supporting assemblies	800327	1	1	1
7	b. Truss Arm	500914	1	1	1
8	c. Telescopic Leg	218117	1	1	1
	Parts Shipped in Case Lower Section				
9	a. X-Ray Unit	500876	1	1	1
10	1. X-Ray Control Assembly	500877	1	1	1
11	2. X-Ray Source Assembly	500891	1	1	1
12	3. Scissor Arm Assembly	500882	1	1	1
13	b. Steel Support Braces, Identical	102860	2	2	2
14	c. Extension Tube	500885	1	1	1
15	d. Leveling Brackets/Leveling Pads	500884	4	4	4
16	e. Dental Cone	500897	1	1	1
17	f. Line Cord	500139	1	1	1
18	g. Exposure Switch	500902	1	1	1
19	h. Operation Manual	500893/OM	1	1	1
20	i. Maintenance Manual	500893/MM	1	1	1

(continued) Appendix D. Equipment Parts and Accessories List

6525-01-384-9296
X-Ray Apparatus, Model LCROKS

ITEM NO	Part or Accessory Description	Part or Accessory Number	Basic Issue	Operator	Repairer
1	Operators Literature		2	1	1
2	Service Literature		2	1	1
3	Generix- SynerGen- Console	1173	1	1	1
4	Control Unit CLINIX VP4	1184	1	1	1
5	HT- Generator	1243	1	1	1
6	CLINIX VP4	1342	1	1	1
7	Column Assembly	1738	1	1	1
8	Control Handle	15675	1	1	1
9	Collimator	20 3072	1	1	1
10	Cable Set	1738-4-6	1	1	1
11	Addition Kit for EP-Bucky Assembly	1342-5	1	1	1
	a. Rule	088183	2	2	2
	b. Roller	086390	4	4	4
	c. Cable	087756	1	1	1
	d. Tesamoll Tape, 30 mm x 6mm,White	070304	1	1	1
	e. Bracket	040808	2	2	2
	f. Cover for Bucky	087521	1	1	1
	g. Bracket, Left	086579	1	1	1
	h. Bracket, Right	086580	1	1	1
	i. Spring	053548	2	2	2
	j. Bracket	088125	1	1	1
	k. Knurled Screw	055278	1	1	1
12	Accessories				
	a. Lateral Cassette Holder	097789	1	1	1
	b. Compression Immobilizing Device	097787	1	1	1
	c. Patient Hand Grip	097786	2	2	2
	d. Radiolucent Bands	448606	2	2	2
13	X- Ray Transport Device	083282	1	1	1
	a. Base Frame	087836	1	1	1
	b. Support	087839	1	1	1
	c. Support	087840	1	1	1
	d. Cover	087841	1	1	1
	e. Spring plug	448703	4	4	4
	f. Ring	038900	4	4	4
	g. Column Support	087842	2	2	2
	h. Base	087865	1	1	1

(continued) Appendix D. Equipment Parts and Accessories List

6525-01-384-9296
X-Ray Apparatus, Model LCROKS

ITEM NO	Part or Accessory Description	Part or Accessory Number	Basic Issue	Operator	Repairer
	i. Stirrup	088055	2	2	2
	j. Z- Locking Pliers	083534	1	1	1
	k. Bracket	088067	1	1	1
14	Bucky Assembly	15669, 15676, 15682	1	1	1
15	Cassette Size Sensing Tray	15665	1	1	1

(continued) Appendix D. Equipment Parts and Accessories List

6530-00-926-2151
Sterilizer, Surgical Dressing 16x36 in., Model M-138

ITEM NO	Part or Accessory Description	Part or Accessory Number	Basic Issue	Operator	Repairer
1	Operators/Service Manual	TM 8-6530-004-24&P	2	1	1
2	Door Gasket	B300-264-23/2	2	1	1
3	Gasket, Heating Element, Asbestos	C300-249-46/109	1	0	0
4	Heating Element, Electrical	C300-249-48/109	3	0	0
5	Sleeves, Heating Element	C300-250-50/109	1	1	1
6	Washer, Flat, Teflon	5310-00-926-9399	2	1	1
7	Scraper Assembly	C300-906-139	1	1	1
8	Shelf, Bottom	C300-906-119	1	1	1
9	Shelf	C300-906-123	6	6	6

Appendix E. Tools and TMDE Code Listing for Maintenance Allocation Charts

Reference Code	Item / Nomenclature	LIN	NSN	Model
01	Tool Kit, Medical Equipment Maintenance Repairer	W45334	5180-00-611-7923	Individual GSA Item (8001)
02	Tool Set, Medical Equipment Maintenance Unit Level	W45197	5180-01-483-1431	Unit Level (alt: Org Maint) (8004)
04	Tool Set, Medical Equipment and Maintenance General Support Level	T24386	6545-01-555-8683	Shop Set Med Log Med Equip Maintenance (8007)
05	X Ray Calibration & Verification System	CO5856	6525-01-589-7774	PN 1505061
06	Calibrator Analyzer Hospital Equipment Computer Laptop 7010-01-502-5490	C61523	6515-01-541-2864	PN 2647336
07	Analyzer Anesthetic Gas (AAG)	A00098	6630-01-530-7959	Riken F1-21
10	Analyzer NonInvasive Blood Pressure (ANBP)	A27104	6515-01-449-1423	PN 4515-0502
11	Infusion Pump Analyzer (IPA)	J24245	6515-01-536-2122	PN 2250063
12	Defibrillator & Transcutaneous Pacemaker Analyzer (DATPA)	A83433	6515-01-575-2825	PN 3366794
13	Counter, Electronic Digital B64	C19266	6515-01-406-7390	
15	Simulator, Medical Function	S56720	6515-01-548-3352	MPS450 Army Medical Kit
16	Signal Generator B64	S48323	6625-01-276-9421	SG-1288/G
18	Meter Foot Candle	M38443	6695-01-574-8935	PN 07-621
20	Multimeter, AN/PSM-45A (CTA item) B64 Multimeter, AN/USM-486 (CTA item) B64	M60449 M23954	6625-01-265-6000 6625-01-145-2430	27/FM 8050A
21	Oscilloscope, Digital Hand Held (ODHH)	P43667	6625-01-598-3865	PN 199XRay
22	Wattmeter Ultrasonic	R95994	6695-01-593-8218	USP-50
24	Simulator, Pulse Oximetry (SPO)	S57953	6515-01-541-0432	INDEX 2XLFE
25	Tachometer Stroboscopic	T07421	6625-01-550-3339	
28	Test Set, Electrosurgical Apparatus	T90883	6515-01-564-8554	PN 2649769
29	Tester, Current Leakage	T61791	6625-01-577-6744	PN 3367232
31	Tester, Ventilator Portable (TVP)	T05633	6515-01-449-1421	PN 14500

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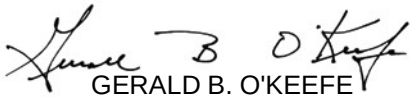
By Order of the Secretary of the Army:

RAYMOND T. ODIERNO
General, United States Army
Chief of Staff

Official:



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