

## Repairer Preventive Maintenance Checks and Services

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	<p><b>X-Ray Apparatus</b></p> <p>a. Conduct an inventory to ensure that the items listed in the Equipment Parts and Accessories List are on hand.</p> <p>b. Unpack and install as directed by manufacturer's literature.</p> <p>c. Ensure retrofit kit (consists of heavy steel brackets under each end of table) is installed for possible shipment.</p> <p>d. Inspect unit for damage, excessive rust to critical parts, bearing tracks and races, etc., or excessively worn components.</p>	<p>Missing components prevent the use of the x-ray unit.</p> <p>The unit cannot be installed.</p> <p>The unit is unable to deploy.</p> <p>The unserviceable components prevent the use of the unit.</p>
2	S	<p><b>X-Ray Operational Test</b></p> <p>a. Ensure each component is operational as directed by the manufacturer's literature.</p> <p>b. Ensure daily pre-operational systems checks were performed as directed by manufacturer's literature.</p> <p>c. Verify the pre-calibration checks as directed by manufacturer's literature.</p> <p>d. Verify calibration before attempting the calibration procedures.</p> <p><b>NOTE: Perform manufacturer's calibration procedures <u>ONLY</u> if x-ray apparatus does not meet manufacturer's specifications.</b></p> <p><b>WARNING: FOLLOW X-RAY TUBE WARM UP PROCEDURE AS DIRECTED BY MANUFACTURER'S LITERATURE.</b></p>	<p>Components not operational prevent the use of the x-ray unit.</p> <p>The unit is not prepared for calibration.</p> <p>The unit is in need of calibration.</p>
	A	<p>e. Calibrate the unit as directed by the manufacturer's literature.</p> <p>(1) Calibrate the generator as directed by manufacturer's literature.</p> <p>(2) Calibrate the spot film device as directed by manufacturer's literature.</p> <p>(3) Calibrate the under-table collimator as directed by manufacturer's literature.</p>	

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		<p>(4) Calibrate the over-table collimator as directed by manufacturer's literature.</p> <p>(5) Calibrate the automatic exposure control as directed by manufacturer's literature.</p> <p>(6) Verify the image intensifier as directed by manufacturer's literature.</p> <p>f. Update the Medical Equipment Verification / Certification sticker (DD Form 2163).</p>	<p>The unit has not been verified or calibrated within the last 12 months.</p>