



System ID:
SR#:
Date:

Optima CT680 / Optima CT670

Customer Name: _____
 Service Record #: _____ System ID or Serial #: _____
 Customer Equipment ID: _____ Service Manual Doc #: 5487413-8EN
 Software Version: _____ PM Frequency: _____
 Service Type: _____ Form Status: **Not Complete**
 Start Date: _____ Country: _____

Schedule(s) Selected A _____

Schedule A Schedule B Schedule C Schedule W Schedule - Optional HHS Scan Data

Schedule A

Preliminary Tasks

Last PM Inspection

Task	Date/Tasks	Results	Comments
Indicate last inspection date			
List last schedule completed			
List schedule A tasks previously completed			

Initial Procedures

Temperature and Humidity Checks

Task	Readings	Results	Comments
Record scan room temperature			
Record scan room humidity			

General Gantry Inspection

Task	Results	Comments
Test display lights		
Test E-Stops		
Test patient tilt sensors		



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Phantom

Task	Results	Comments
QA phantom inspection		

Gantry Power Off (Covers Off)

General Tasks

Task	Results	Comments
Test emergency OFF switch (on wall)		
Inspect UPS power OFF		
Inspect gantry cover cable		

General Console Cleaning & Inspection

Task	Results	Comments
Clean component filters, fans, & grills		
Visually inspect fans		
Check seismic anchor (if necessary)		

Slip Ring & Brush Block Inspection & Maintenance

Task	Results	Comments
Remove debris from slip ring brush		
Inspect slip ring tracks		
Clean brush blocks		
Inspect brush tips		

Gantry Filter Cleaning

Task	Results	Comments
Clean DAS detector plenum filter		
Clean detector face plate		
Clean gantry heater filter		



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Task	Results	Comments
Clean top cover fans		
Inspect rotating path component & cables		

Gantry Power On (Covers Off)

General Tasks

Task	Readings	Results	Comments
Ensure UPS is powered and operational	N/A		
Ensure plenum fans operational	N/A		
Grease gantry main bearing	N/A		
Indicate number of revolutions since last greasing			

Tube Heat Exchanger & Pump

Task	Results	Comments
Inspect/clean tube heat exchanger		
Inspect/clean JEDI inverter fan		

Gantry Power On (Covers On)

General Tasks

Task	Results	Comments
Inspect scan window. Replace if necessary		
Inspect rotational clearances		

General Table Cleaning & Inspection (for GT1700V)

Task	Results	Comments
Inspect / clean table pan		
Inspect table anchors		
Inspect drive belts		



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Task	Results	Comments
Clean roller		
Grease table rails		
Inspect bearing retainer		
Grease table leg bearing		
Inspect flat table top mount		
Inspect table covers		
Inspect cradle accessory attachment		
Check tape switches		

General Table Cleaning & Inspection (for Lite Table)

Task	Results	Comments
Check head holder		
Check table cover		
Check gap sponge		
Gap between table cover and cradle		
Check body strap		
Check cradle rail		
Holder stability check		
Check touch sensor operation		
Clean cradle tray / table cover		
Check for oil leak		
Grease-up		
Table anchor inspection		
Functional checks		



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Task (Functional Check)	Readings	Results	Comments
Table min height			
Table max height			
Gantry tilt S30 Table min height			
Gantry tilt S30 Table max height			
Gantry tilt I30 Table min height			
Gantry tilt I30 Table max height			

Finalization
System Scanning Test

Task	QA Phantom Serial #	Location	Gantry Serial #
Scan	Scan Failures	Artifacts	Artifact Types/Comments
Series 1 (Scout/Auto voice)			
Series 2 (Axial/Tilt)			
Series 3 (Helical/Auto voice)			

General Tasks

Task	Results	Comments
Check x-ray ON indicators		
Test scan control push button		
Update the site log		
Complete PM paperwork for the site		
Complete customer reports		

Follow-Up

PM Check	No	Yes	Comments (Service Schedule Date)
Is follow-up work required?	<input type="checkbox"/>	<input type="checkbox"/>	



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Comments:

Characters Remaining:

Tools Used:

Description	Serial Number	Bar Code/ Asset Tag	Cal Due Date	
				<input type="button" value="Add Tool"/> <input type="button" value="Remove Tool"/>

GE Representative:

Number of Signers

Name: _____

SSO #: _____

SR #: _____

Signature

Customer Signature: Yes Not Required



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Date Complete _____

Form Complete

Save