



System ID:
SR#:
Date:

Discovery CT590 RT, Optima CT580, and Discovery RT

Customer Name: _____
 Service Record #: _____ System ID or Serial #: _____
 Customer Equipment ID: _____ Service Manual Doc #: 5366639-8EN
 Software Version: _____ System Model: _____
 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 PM 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		



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Task	Results	Comments
Test patient tilt sensors		

Gantry Power Off (Covers Off)

General Tasks

Task	Results	Comments
Test emergency OFF switch		
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 plenum filter and duct cover		
Clean DAS DIFB fan filters (only for PDAS)		
Clean top cover fans		



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Task	Results	Comments
Clean detector face plate		
Inspect rotating path component & cables		

Gantry Power On (Covers Off)
Tube Heat Exchanger & JEDI Fan Inspection

Task	Date/Tasks	Results	Comments
Inspect/clean tube heat exchanger	N/A		
Inspect/clean JEDI inverter fan	N/A		
Inspect tube heat exchanger pump (replace if necessary)	N/A		
Mfg date/last replacement			

Gantry Thermistor

Task	Results	Comments
Inspect gantry thermistor		

General Tasks

Task	Readings	Results	Comments
Ensure UPS is powered and operational	N/A		
Ensure plenum fans are operational (GDAS:2; PDAS:3)	N/A		
Grease gantry main bearing	N/A		
Indicate number of revolutions since last greasing			

Gantry Power On (Covers On)
General Tasks

Task	Results	Comments
Inspect scan window (replace if necessary)		
Inspect rotational clearances		



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General Table Cleaning & Inspection

Task	Results	Comments
Inspect/clean table pan		
Inspect table anchors		
Inspect drive belts		
Clean roller		
Grease table rails		
Inspect bearing retainer		
Grease table leg bearing		
Inspect flat tabletop mount		
Inspect table covers		
Inspect cradle accessory attachment (note in comments if anything is replaced)		
Check tape switches		

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 #



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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		

Follow-Up

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

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"/>



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GE Representative:

Number of Signers

Name: _____
SSO #: _____
SR #: _____

Signature

Customer Signature: Yes Not Required

Date Complete _____

Form Complete