

The information in this report is required by 14 CFR 108.17 & 129.29. Failure to report may result in a civil penalty not to exceed \$1000.00 for each such violation. (Federal Aviation Act of 1958, Section 801)

Department of Transportation Federal Aviation Administration		X-RAY SYSTEM RADIATION LEAKAGE REPORT (BAGGAGE INSPECTION)		FIELD TEST SERIAL NO. 11-7 T	Form Approved OMB No. 2120-0088		
AA	1.1 Name and Address of Facility	Name of Facility (10.80) Philadelphia Airport PA	FDA Region City (10.70) PA	St. No. R.R. or Airline/Airport (10.80) State Code RR PA	Zip Code 19153		
CC	and Specific Location of X-ray System	Room No. or Other Location of System (12.32) A East Checkpoint LN7	Person Interview (33-54)		Telephone No.		
DD	Certification Label Present	Yes	Instrumental (Type and Serial Number) Model:	USLP Serial No. L129			
01	1.2 Manufacturer And Product ID	A. Manufacturer (Responsible Firm) Replican		B. 0H446	C. System Model No. and/or Name TRX 522B		
	D. US National I.D. (60th)	60th		E. System Serial No. 2014706	7014706		
	F. Date of Manufacture Mo. Yr.	11 2001		G. 1.4 Operator Instructions Available Yes	I. 1.5 Maintenance Schedule Available N/A		
2.0 Warning Labels	2.1 Warning Label Present at Controls Stating: "Caution: X-Rays Produced When Energized" Yes	2.2 Warning Labels Present at Ports Stating: "Caution: Do Not Insert Any Part of the Body When System Is Energized, X-Ray Hazard" Yes	2.3 Two Indicators Labeled "X-Ray On" Present at Controls (One May Be Labeled "MA Meter") Yes				
Indicators	2.4 At Least One Indicator, X-Ray Marked "X-Ray On", Visible from Each Port, Door, And Access Panel Yes		3.0 Interlocks	3.1 "Captured Key" Control Yes			
02	3.2 Door Safety Inter-Locks	A. Minimum Number of Interlocks Visible At Any One Door N/A	3.3 Prevention of X-Radiation By Interlocks	A. All Doors and Access Panels That Were Tested Prevent Generation of X-Radiation N/A			
	B. At Least One Interlock Dependent on No Moving Part Except Door N/A			B. Use of X-Ray Control Necessary to Resume Operation Following Interruption N/A			
03	4.0 Ports and/or Apertures	4.1 Some Part of the Body Can Be Inserted Through a Port Into The Primary Beam No		4.2 Some Part of the Body Can Be Inserted Into the Aperture No			
	6.0 Baggage Inspection Systems	6.1 Means Provided to Ensure Operator Presence at the Control Area Yes		6.2 Means Provided to Operator for Terminating Exposure of Greater than One-Half Second and Preventing Yes			
07	7.0 Leakage Radiation	Specific Test Procedure Used NA	7.1 Scatter Block Description Pelican Case Inv. Meter				
05	7.2 Technical Factors 440 kVp 700 mA						
	7.3 Location	Exposure Levels	Non-Continuously Activated Systems Only Number of Exposures Initiated		Location	Exposure Levels	
	.020	mR/hr	Exp		06	.053	mR/hr
	.023	mR/hr	Exp			.052	mR/hr
	.057	mR/hr	exp			.048	mR/hr
	.055	mR/hr	exp			.036	mR/hr
Reasonable Number of Exposures That May Be Initiated in One Hour	OR			Duty Cycle of System Indicated As a Percentage of One Hour 100%			
08	8.0 Additional Information 133UR						
09	8.2						
10	8.3						
11	8.4						
12	8.5						
13	Surveyor Information [REDACTED]				Date of Survey 2/6/09	Surveying Agency Code [REDACTED]	
Remarks: [REDACTED]							

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