The information in this report is required by 14 CRF 108.17 & 129.26. Failure to report may result in a civil penalty not to exceed $1000.00 For each such violation. (Federal Aviation Act of 1958, Section 901)

Department of Transportation Federal Aviation Administration	X-RAY SYSTEM RADIATION LEAKAGE REPORT (BAGGAGE INSPECTION) (Required by 14 CRF 108.17, 14 CRF 129.26)	FIELD TEST SERIAL NO. 11-7 T	Form Approved OMB No. 2120-0098

AA	1.1 Name and Address of Facility and Specific Location of X-ray System	Name of Facility (10.80): PHILADELPHIA INTL AIRPORT (PHL)	FDA Region: PA	BB	St. No. R.R. or Airline/Airport (10.80): 8600 ESSINGTON AVE
CC		City (10.73): PHILADELPHIA		State Code: PA	Zip Code: 19153
DD		Room No. or Other Location of System (10.35): A-East Lane 4	Person Interview (23-54): [redacted]	Telephone No.: [redacted]	
		Certification Label Present: Yes	Instruments: (type and serial number) Model: 451P	Serial No. 479	
01	1.2 Manufacture And Product ID	A. Manufacture (Responsible Firm): Rapiscan Security Products, Inc.	B. 0HLM4 Mfr. Code	C. System Model No. and/or Name: RAPISCAN 522B	3/17/09
		D. 115VAC 60Hz Unique I.D.	E. System Serial No. ~~7012312~~ 7012404 [redacted]		
		F. Date of Manufacture: Mo. 03 Yr. 2001	1.4 Operator Instructions Available: Yes	1.5 Maintenance Schedule Available: No	
	2.0 Warning Labels Indicators	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	
02		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	
	3.2 Door Safety Interlocks	A. Minimum Number of Interlocks Visible At Any One Door: Yes	3.3 Prevention of X-Radiation By Interlocks	A. All Doors and Access Panels That Were Tested Prevent Generation of X-Radiation: Yes	
		B. At Least One Interlock Dependent on No Moving Part Except Door: Yes		B. Use of X-Ray Control Necessary to Resume Operation Following Interruption: Yes	
	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	
	5.0 Baggage Inspection Systems	5.1 Means Provided to Ensure Operator Presence at the Control Area: Yes		5.2 Means Provided to Operator for Terminating Exposures of Greater than One-Half Second and Preventing: Yes	
03	7.0 Leakage Radiation	Specific Test Procedure Used: DI	7.1 Scatter Block Description: Pelican 1400 Case		
05	7.2 Technical Factures	140 kVp	700 mA		

7.3 Location	Exposure Levels	Non-Continuously Activated Systems Only Number of Exposures Initiated	Location	Exposure Levels	Non-Continuously Activated Systems Only Number of Exposures Initiated
	.063mR/hr	Exp	06	.090mR/hr	exp
	.078mR/hr	Exp		.095mR/hr	exp
	.080mR/hr	exp		.073mR/hr	exp
	.078mR/hr	exp		.088mR/hr	exp

07	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: 8.1 100 uR			
09	8.2			
10	8.3			
11	8.4			
12	8.5			
13	Surveyor Information	Surveyor Name (10-72) (Print: L, F, M): [redacted]	Surveyor Signature: [redacted]	Date of Survey: 3-16-09	Surveying Agency Code

Remarks:

FAA Form 165-17 (6-81)

FAA HQ

ENTERED MAR 1 8 2009

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