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) (Require 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	Name of Facility (18.80): PHILADELPHIA AIRPORT PHL	FDA Region: PA	BB St. No. R.R. or Airline/Airport (10.80): 8800 ESSINGTON AVE
CC	Address of Facility	City (10.73): PHILADELPHIA	State Code: PA	Zip Code: 19153
DD	and Specific Location of X-ray System	Room No. or Other Location of System (10.32): A-EAST CHECK POINT	Person Interview (33-54): [redacted]	Telephone No.: [redacted]
		Certification Label Present: YES	Instrument: (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. OH046	C. System Model No. and/or Name: RAPISCAN 522B
		D. Unique I.D.: 115 VAC 60HZ	E. System Serial No.: 7005005	
		F. Date of Manufacture Mo. 6 Yr. 2002	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")
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 Inter-Locks	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
	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 Exposures of Greater than One-Half Second and Preventing: YES
03	7.0 Leakage Radiation	Specific Test Procedure Used: 84	7.1 Scatter Block Description: PELICAN 1400 CASE	

05	7.2 Technical Factures: 131 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
	.027 mR/hr	Exp	.019 mR/hr	exp
	.024 mR/hr	Exp	.018 mR/hr	exp
	.023 mR/hr	exp	.016 mR/hr	exp
	.021 mR/hr	exp	.016 mR/hr	exp
06				
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 8.1 190 UR			
09	8.2			
10	8.3			
11	8.4			
12	8.5			
13	Surveyor Information	Surveyor Name (19-72) (Print: L, F, MI): [redacted]	Date of Survey: 3/3/2009	Surveying Agency Code

Remarks:

FAA Form 165-17 (6-81)

ENTERED MAR 2 3 2009

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PMA 2045939

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