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	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 Checkpoint Lane6	Person Interview *(33-34)* [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. 0HU46 *Mfr. Code*	C. System Model No. and/or Name RAPISCAN 522	
		D. 115V 60HZ Unique I.D.	E. System Serial No. 7005005		
		F. Date of Manufacture Mo. 4 Yr. 2003	1.4 Operator Instructions Available Yes	1.5 Maintenance Schedule Available Yes	
	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	
02	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	
	3.2 Door Safety Interlocks	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	
	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 04		7.1 Scatter Block Description PELICAN 1400 CASE	

05	7.2 Technical Factures 123 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
	.021mR/hr	Exp	.012mR/hr	exp
	.020mR/hr	Exp	.011mR/hr	exp
	.016mR/hr	exp	.009mR/hr	exp
	.014mR/hr	exp	.008mR/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 102ur		
09	8.2		
10	8.3		
11	8.4		
12	8.5 Main Beam Intensity =		
13	Surveyor Information	Surveyor Name *(10.72) (First, L, M)* [redacted]	Surveyor Signature [redacted]	Date of Survey 8/9/10	Surveying Agency Code

Remarks:

FAA Form 165-17 (6-81) FAA HQ

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OR 3292x7