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 Address of Facility	Name of Facility (10.80): Pittsburgh International Airport	FDA Region: PA	BB St. No. R.R. or Airline/Airport (10.80): 1000 Airport Blvd	
CC		City (10.73): Pittsburgh		State Code: PA	Zip Code: 15231
DD	and Specific Location of X-ray System	Room No. or Other Location of System (10.32): Lane 2	Person Interview (33-54): [redacted]	Telephone No. [redacted]	
		Certification Label Present: Yes	Instruments: (type and serial number) Inovision	Model: 451P	Serial No. 0000000471
01	1.2 Manufacture And Product ID	A. Manufacture (Responsible Firm): Rapiscan Systems	B. 04446	C. System Model No. and/or Name: 522B	
		D. 115vAC Unique I.D. 60Hz	E. System Serial No. 7012806		
		F. Date of Manufacture Mo. 07 Yr. 2001	1.4 Operator Instructions Available: Yes	1.5 Maintenance Schedule Available: N/A	
	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 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	
	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: 94	7.1 Scatter Block Description: Pelican Case for Inovision Meter		

05	7.2 Technical Factures: 140 kVp		.700 mA		
	7.3 Location Exposure Levels	Non-Continuously Activated Systems Only Number of Exposures Initiated	06 Location Exposure Levels	Non-Continuously Activated Systems Only Number of Exposures Initiated	
	.163 mR/hr	Exp	.121 mR/hr	exp	
	.142 mR/hr	Exp	.063 mR/hr	exp	
	.129 mR/hr	exp	.061 mR/hr	exp	
	.127 mR/hr	exp	.048 mR/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 .158 mR				
09	8.2				
10	8.3				
11	8.4				
12	8.5				
13	Surveyor Information [redacted]	Surveyor Name (10-72) (Print: L, F, MI) [redacted]		Date of Survey 9/17/09	Surveying Agency Code

Remarks: WO R# 2564296 [redacted]

FAA Form 165-17 (6-81)

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