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)
(Results 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 (18.80): 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: 451 P Serial No. 0000000583
01	1.2 Manufacture And Product ID	A. Manufacture (Responsible Firm): Rapiscan Systems	B. OH44C	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 04	7.1 Scatter Block Description: Pelicon 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		Location Exposure Levels	Non-Continuously Activated Systems Only Number of Exposures Initiated
.148 mR/hr	Exp	06	.110 mR/hr	exp
.141 mR/hr	Exp		.065 mR/hr	exp
.129 mR/hr	exp		.056 mR/hr	exp
.116 mR/hr	exp		.045 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 8.1 139 mR		
09	8.2		
10	8.3		
11	8.4		
12	8.5		
13	Surveyor Information: Surveyor Name (10-72) (Print: L. F. MI) [redacted] Surveyor [redacted]	Date of Survey 3/24/09	Surveying Agency Code

Remarks: WO # 2146998

FAA Form 165-17 (6-81)

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