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 and Specific Location of X-ray System	Name of Facility *(18.80)*: Pittsburgh International Airport	FDA Region: PA	BB	St. No. R.R. or Airline/Airport *(10.60)*: 1000 Airport Blvd.
CC		City *(10.73)*: Pittsburgh	State Code: PA		Zip Code: 15231
DD		Room No. or Other Location of System *(10.32)*: Main Checkpoint Lane #6	Person Interview *(33-54)*: [redacted]		Telephone No.: [redacted]
		Certification Label Present: yes	Instruments: *(type and serial number)* Inovision	Model: 451P	Serial No.: 0000000583
01	1.2 Manufacture And Product ID	A. Manufacture *(Responsible Firm)*: Rapiscan Systems	B. OHU46	C. System Model No. and/or Name: TRX 522B	
		D. Unique I.D.: 115 VAC, 60Hz	E. System Serial No.: 7012805		
		F. Date of Manufacture Mo. July 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: Inovision Pelican Case 1400		
05	7.2 Technical Factures	140 kVp	.692 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
.094 mR/hr	Exp	.073 mR/hr	exp
.085 mR/hr	Exp	.073 mR/hr	exp
.083 mR/hr	exp	.060 mR/hr	exp
.083 mR/hr	exp	.054 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 .210 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: September 11, 2010 — Surveying Agency Code

Remarks: MWO# 3343618

FAA Form 165-17 (6-81)

FAA HQ

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