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): Portland Int'l Airport	FDA Region: OR	RR St. No. R.R. or Airline/Airport (10.80): 7000 NE Airport Way
CC		City (10.73): Portland	State Code: OR	Zip Code: 97218
DD		Room No. or Other Location of System (10.32): D&E checkpoint Lane #3	Person Interview (33-54): [redacted]	Telephone No.: [redacted]
		Certification Label Present: Yes	Instruments: (type and serial number) Inovision Model: 451P	Serial No. 000498
01	1.2 Manufacture And Product ID	A. Manufacture (Responsible Firm): Smiths Heimann	B. HS	C. System Model No. and/or Name: 6040i
		D. Unique I.D.: 115 VAC 60 Hz	E. System Serial No.: 20783	
		F. Date of Manufacture Mo. 4 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: Pelican Case for Inovision 451P meter	
05	7.2 Technical Factures	70 - 69 kVp	.402 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
.095 mR/hr	.056 Exp	06	.056 mR/hr	exp
.091 mR/hr	.011 Exp		.011 mR/hr	exp
.068 mR/hr	.010 exp		.010 mR/hr	exp
.066 mR/hr	.0 exp		.009 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 Dosage per inspection = 89 μR		
09	8.2		
10	8.3		
11	8.4		
12	8.5		
13	Surveyor Information: [redacted]	Surveyor [redacted]	Date of Survey: 5/7/10 — Surveying Agency Code:
Remarks			

FAA Form 165-17 (8-81)

May Nonschedule

BRKD

EQ: 50695

WO: 3132030

FAA HQ

ENTERED