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	BB	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: 451 P-RYR	Serial No.: 498
01	1.2 Manufacture And Product ID	A. Manufacture (Responsible Firm): Smiths Heiman	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	
		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	
02	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 Seatter Block Description: Pelican Case for Inovision 451P		
	7.2 Technical Factures	70 - 69 kVp	.398 mA		

05	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
	.044 mR/hr	Exp		.022 mR/hr	exp
	.043 mR/hr	Exp		.011 mR/hr	exp
	.029 mR/hr	exp		.010 mR/hr	exp
	.027 mR/hr	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 = 95 µR			
09	8.2			
10	8.3			
11	8.4			
12	8.5			
13	Surveyor Information: [redacted]	Surveyor: [redacted]	Date of Survey: 3/9/10	Surveying Agency Code

Remarks:

FAA Form 165-17 (6-81) MAR PM

EQ: 50695
WOs: 2936771 & 2936849
Annual PM & Annual RLS

FAA HQ