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 (10.60): Portland International Airport	FDA Region: OR	BB	St. No. R.R. or Airline/Airport (10.60): 7000 NE Airport Way
CC		City (10.73): Portland		State Code: OR	Zip Code: 97023
DD	and Specific Location of X-ray System	Room No. or Other Location of System (10.32): ABC CKPT LN 1	Person Interview (33-34): [redacted]	Telephone No.: [redacted]	
		Certification Label Present: Yes	Instrument (type and serial number): Inovision	Model: 451P	Serial No.: 595
01	1.2 Manufacture And Product ID	A. Manufacture (Responsible Firm): Smiths Hermann	B. HS	C. System Model No. and/or Name: Hitrax 6040i	
		D. 115VAC 60HZ Unique I.D.	E. System Serial No.: 20784		
		F. Date of Manufacture Mo. 04 Yr. 2001	1.4 Operator Instructions Available: Yes	1.5 Maintenance Schedule Available: NA	
	2.0 Warning Labels	2.1 Warning Label Present at Controls Stating: "Caution: X-Rays Produced When Energized": NO	2.2 Warning Labels Present at Ports Stating: "Caution: Do Not Insert Any Part of the Body When System Is Energized, X-Ray Hazard"	2.3 Two Indicators Labeled "X-Ray On" Present at Controls (One May Be Labeled "mA Meter")	
02	Indicators	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: NA	3.3 Prevention of X-Radiation By Interlocks	A. All Doors and Access Panels That Were Tested Prevent Generation of X-Radiation: NA	
		B. At Least One Interlock Dependent on No Moving Part Except Door: NA		B. Use of X-Ray Control Necessary to Resume Operation Following Interruption: NA	
	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 Rad Meter		
	7.2 Technical Factures	143 ~~140~~ kVp	0.4 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
05	0.011 mR/hr	Exp	06	0.043 mR/hr	exp
	0.011 mR/hr	Exp		0.047 mR/hr	exp
	0.020 mR/hr	exp		0.030 mR/hr	exp
	0.011 mR/hr	exp		0.042 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 = 90 μR		
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: 3/19/09 — Surveying Agency Code

Remarks:

EQ: 50693
MAR BRED WO: 2200892
Non-Sched
Unscheduled R&S

FAA Form 165-17 (6-81) FAA HQ