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 (18.80): Seattle-Tacoma International Airport	FDA Region: Wa	BB St. No. R.R. or Airline/Airport (10.80): 17801 International Blvd	
CC		City (10.73): Seattle		State Code: Wa	Zip Code: 98158
DD	and Specific Location of X-ray System	Room No. or Other Location of System (10.32): South lane 3	Person Interview (33-54): [redacted]	Telephone No. [redacted]	
		Certification Label Present: Yes	Instruments: (type and serial number) Inovision	Model: 451P	Serial No. 428
01	1.2 Manufacture And Product ID	A. Manufacture (Responsible Firm): Rapiscan	B. OHU46	C. System Model No. and/or Name: TRX520B	
		D. Unique I.D.: 115Vac 60Hz	E. System Serial No.: 7001504		
		F. Date of Manufacture: Mo. 4 Yr. 2000	1.4 Operator Instructions Available: Yes	1.5 Maintenance Schedule Available: Yes	
	2.0 Warning Labels	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	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 Interlocks	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 1400 Case	

05	7.2 Technical Factures: 140 kVp ~~.765~~ mA .698				
	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	
	.125 mR/hr	Exp	.095 mR/hr	exp	
	.114 mR/hr	Exp	.091 mR/hr	exp	
	.108 mR/hr	exp	.083 mR/hr	exp	
	.105 mR/hr	exp	.076 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 Dosage Per Inspection .27 μR				
09	8.2				
10	8.3				
11	8.4				
12	8.5				
13	Surveyor Information	Surveyor Name (10-72) (Print: L, F, MI): [redacted]		Date of Survey: 2-8-10	Surveying Agency Code

Remarks:

FAA Form 165-17 (6-81)

EQ: 51559
WO: 2877905
Semi-Annual PM

FAA HQ