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): Seattle-Tacoma International Airport	FDA Region: WA	BB St. No., R.R. or Airline/Airport (10.90): 17801 International Blvd.
CC		City (10.73): Seattle	State Code: WA	Zip Code: 98158
DD		Room No. or Other Location of System (10.32): South c/p lane 3	Person Interview (33-54): [redacted]	Telephone No.: [redacted]
		Certification Label Present: yes	Instruments: (type and serial number) Inovision Model: 451P	Serial No. 560
01	1.2 Manufacture And Product ID	A. Manufacture (Responsible Firm): Rapiscan	B. 0HU46	C. System Model No. and/or Name: TRX 520B
		D. Unique I.D.: 115VAC 60HZ	E. System Serial No.: 7001504	
		F. Date of Manufacture Mo. 5 Yr. 2000	1.4 Operator Instructions Available: yes	1.5 Maintenance Schedule Available: yes
	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 Interlocks	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 1400 case	
05	7.2 Technical Factures	140 kVp	.692 mA	

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
.151	mR/hr	Exp	.096	mR/hr	exp
.127	mR/hr	Exp	.090	mR/hr	exp
.111	mR/hr	exp	.086	mR/hr	exp
.099	mR/hr	exp	.084	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 - .23mR		
09	8.2		
10	8.3		
11	8.4		
12	8.5		
13	Surveyor Information: Surveyor Name (10-72) (Print: L, F, MI): ~~2-24-09~~	Surveyor Signature: [redacted]	Date of Survey: 2-24-09 Surveying Agency Code

Remarks: [redacted]

FAA Form 165-17 (6-81)

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