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 (18.50): Seattle-Tacoma International Airport; FDA Region: WA; BB; St. No. R.R. or Airline/Airport (10.50): 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): S checkpoint Lane 2; Person Interview (33-54): [redacted]; Telephone No.: [redacted]
		Certification Label Present: yes; Inspection (type and serial number): Inovision; Model: 451P; Serial No.: 560
01	1.3 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.: 7001502
		F. Date of Manufacture Mo. 4 Yr. 2000; 1.4 Operator Instructions Available: yes; 1.5 Maintenance Schedule Available: yes
02	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
	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 1400 case
	7.2 Technical Factures	135 kVp; .7 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
	.037 mR/hr	Exp		.030 mR/hr	exp
	.035 mR/hr	Exp		.030 mR/hr	exp
	.035 mR/hr	exp		.030 mR/hr	exp
	.035 mR/hr	exp		.028 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 - ~~uR~~ .13 mR	
09	8.2	
10	8.3	
11	8.4	
12	8.5	
13	Surveyor Information: Surveyor Name (10-72) (Print: L, F, M): [redacted]; Surveyor Signature: [redacted]; Date of Survey: 2-4-09; Surveying Agency Code	

Remarks: [redacted]

FAA Form 165-17 (8-81)

FAA HQ

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Semi-Annual PM