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 (SEA)	FDA Region: WA	BB	St. No. R.R. or Airline/Airport *(10.80)*: 17801 Pacific HWY South
CC		City *(10.73)*: Seattle		State Code: WA	Zip Code: 98158
DD		Room No. or Other Location of System *(10.32)*: Checkpoint #1 Lane 3	Person Interview *(33-54)*: [redacted]	Telephone No.: [redacted]	
		Certification Label Present: Yes	Instruments: *(type and serial number)*: RadEye	Model: PRD-ER	Serial No.: 928
01	1.2 Manufacture And Product ID	A. Manufacture *(Responsible Firm)*: Rapiscan	B.: OUH46	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. Yr.: Unreadable	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 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 Case 1120		
05	7.2 Technical Factures	138 kVp	.7 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
.094	mR/hr	Exp	06	.108	mR/hr	exp
.079	mR/hr	Exp		.056	mR/hr	exp
.075	mR/hr	exp		.056	mR/hr	exp
.066	mR/hr	exp		.055	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 132uR			
09	8.2			
10	8.3			
11	8.4			
12	8.5			
13	Surveyor Information	Surveyor Name (10-72) (Print: L, F, MI): [redacted]	Surveyor Signature: [redacted]	Date of Surrey: 10/13/2010	Surveying Agency Code

Remarks:

FAA Form 165-17 (6-81)

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