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 (10.80): Seattle International Airport (SEA)	FDA Region: WA	RR	St. No. R.R. or Airline/Airport (10.80): 17801 International Blvd.
CC		City (10.78): Seattle		State Code: wa	Zip Code: 98158
DD	and Specific Location of X-ray System	Room No. or Other Location of System (10.32): CTE Lane 9	Person Interview (33-54): [redacted]	Telephone No.: [redacted]	
		Certification Label Present: Yes	Instrument Type and Serial Number: RadEye	Model: PRD-ER	Serial No.: 0303
01	1.2 Manufacturer And Product ID	A. Manufacturer (Responsible Firm): Rapiscan	B. OHU46	C. System Model No. and/or Name: TRX 520B	
		D. 115VAC 60Hz	E. System Serial No.: 7001603		
		F. Date of Manufacture: Mo. 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	
		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	
02	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 CASE 1120		
05	7.2 Technical Factures	140 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
.104	mR/hr	Exp	06	.109	mR/hr	exp
.060	mR/hr	Exp		.064	mR/hr	exp
.059	mR/hr	exp		.054	mR/hr	exp
.056	mR/hr	exp		.047	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 dosage 114 uR.			
09	8.2			
10	8.3			
11	8.4			
12	8.5			
13	Surveyor Information: Surveyor Name (10-72) (Print: L. E. MI) [redacted]	Surveyor Signature: [redacted]	Date of Survey: Dec 1, 2009	Surveying Agency Code

Remarks:

FAA Form 165-17 (6-81)

Dec PM

EQ: 51560
WO: 2718852
Semi-Annual PM

FAA HQ

ENTERED