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): Palm Beach International Airport	FDA Region: Florida	BB	St. No. R.R. or Airline/Airport (10.80): 1000 James L. Turnage Blvd.
CC		City (10.73): West Palm Beach		State Code: Florida	Zip Code: 33406
DD		Room No. or Other Location of System (10.32): Ckpt. A/B, Lane 1	Person Interview (33-54): [redacted]	Telephone No.: [redacted]	
		Certification Label Present: Yes	Instruments: (type and serial number): Inovision	Model: 451P-RYR	Serial No.: 0558
01	1.2 Manufacture And Product ID	A. Manufacture (Responsible Firm): Rapiscan	B. OHU46	C. System Model No. and/or Name: 520B TRX	
		D. 115VAC Unique I.D. 60Hz	E. System Serial No.: 70513N02		
		F. Date of Manufacture Mo. Yr.: March 2005	1.4 Operator Instructions Available: Yes	1.5 Maintenance Schedule Available: NA	
	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: 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	138 kVp		0.7 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
0.071	mR/hr	Exp	06	0.059	mR/hr	exp
0.064	mR/hr	Exp		0.055	mR/hr	exp
0.063	mR/hr	exp		0.054	mR/hr	exp
0.062	mR/hr	exp		0.053	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 0.12 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 Surrey: 8-23-09	Surveying Agency Code

Remarks:

FAA Form 165-17 (6-81)

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