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)

W/O# 3304409

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 Int'L Airport	FDA Region: Florida	RR	St. No. R.R. or Airline/Airport (10.80): 1000 Jame 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. 115 VAC Unique I.D. 60 Hz	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	
		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 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	
	7.2 Technical Factures	138 kVp		0.7 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
	0.065 mR/hr	Exp		0.057 mR/hr	exp
	0.063 mR/hr	Exp		0.056 mR/hr	exp
	0.059 mR/hr	exp		0.054 mR/hr	exp
	0.058 mR/hr	exp		0.052 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 0.14 mR		
09	8.2		
10	8.3		
11	8.4		
12	8.5		
13	Surveyor Information: Surveyor Name (10-72) (Print: L. E. H.) [redacted] Surveyor Signature [redacted]	Date of Surrey 8/21/10	Surveying Agency Code

Remarks:

FAA Form 165-17 (6-81)

Aug 52191
PN 3304409

FAA HQ

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