W/O 3426440

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 INT'L AIRPORT.
FDA Region:
BB St. No. R.R. or Airline/Airport (10.80): 1000 TURNAGE BLVD.
City (10.73): PALM BEACH
State Code: FL
Zip Code: 33406
Room No. or Other Location of System (10.32): A/B Ln #1
Person Interview (33-54): [redacted]
Telephone No.: [redacted]
Certification Label Present: YES
Instrument (type and serial number): INVISION
Model: 451-P
Serial No.: 00496

01 1.2 Manufacture And Product ID

A. Manufacture (Responsible Firm): RAPISCAN
B. OH446
C. System Model No. and/or Name: 520B
D. Unique I.D.: 115V 60HZ
E. System Serial No.: 70513N02
F. Date of Manufacture Mo. 03 Yr. 2005
1.4 Operator Instructions Available: YES
1.5 Maintenance Schedule Available: N/A

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
B. At Least One Interlock Dependent on No Moving Part Except 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. 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: 94
7.1 Scatter Block Description: PELICAN 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	06 Location	Exposure Levels	Non-Continuously Activated Systems Only Number of Exposures Initiated
	.019 mR/hr	Exp		mR/hr	.030 exp
	.028 mR/hr	Exp		mR/hr	.033 exp
	.026 mR/hr	exp		mR/hr	.029 exp
	.030 mR/hr	exp		mR/hr	.037 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: 0.181 mRem.
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 Survey: 9/20/2020 Surveying Agency Code: SGS

Remarks:

FAA Form 165-17 (6-81)

FAA HQ

Sept
not sched 52191

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