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 (18.80): Palm Beach Int'l Airport; FDA Region: FL; BB St. No. R.R. or Airline/Airport (16.60): 1000 James Turnage Blvd

CC City (10.73): Palm Beach; State Code: FL; Zip Code: 33406

DD and Specific Location of X-ray System: Room No. or Other Location of System (10.32): C Checkpoint Lane 2; Person Interview (33-34): J.Bates; Telephone No.: (561) 616-9650

Certification Label Present: Yes; Instruments: (Type and Serial number): Inovision; Model: 451P; Serial No.: 558

01 1.2 Manufacture And Product ID: A. Manufacture (Responsible Firm): Rapiscan; B. 0HU46; C. System Model No. and/or Name: 520B TRX

D. 115 Unique I.D. 60hz; E. System Serial No.: 7052001

F. Date of Manufacture: Mo. 05 Yr. 2005; 1.4 Operator Instructions Available: Yes; 1.5 Maintenance Schedule Available: N/A

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")

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; 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: 04; 7.1 Scatter Block Description: Pelican case for Inovision meter

7.2 Technical Features: 140 kVp; .7 mA

05 7.3 Location Exposure Levels / Non-Continuously Activated Systems Only Number of Exposures Initiated

Exposure Levels	Exp
.090 mR/hr	Exp
.089 mR/hr	Exp
.088 mR/hr	exp
.085 mR/hr	exp

06 Location / Exposure Levels / Non-Continuously Activated Systems Only Number of Exposures Initiated

Exposure Levels	exp
.074 mR/hr	exp
.072 mR/hr	exp
.068 mR/hr	exp
.066 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 178uR Dosage per inspection.

09 8.2

10 8.3

11 8.4

12 8.5

13 Surveyor Information: Surveyor Name (10-72) (Print: L, F, MI): [redacted]; Date of Survey: 3/9/10; Surveying Agency Code:

Remarks:

FAA Form 165-17 (6-81) FAA HQ

MAR 52176 (PM) 2936824