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. 2120-0096

AA — 1.1 Name and Address of Facility and Specific Location of X-ray System

- Name of Facility (18.80): PHILADELPHIA
- FDA Region: PA
- **BB** — St. No. R.R. or Airline/Airport (10.80): 6800 ROBINSTON AVE
- **CC** — City (10.73): PHILADELPHIA
- State Code: PA
- Zip Code: 19153
- **DD** — Room No. or Other Location of System (10.32): AE CHECK POINT
- Person Interview (33-54): [redacted]
- Telephone No.: [redacted]
- Certification Label Present: Yes
- Instruments: (type and serial number) Model: 451P Serial No. 479

01 — 1.2 Manufacture And Product ID

- A. Manufacture (Responsible Firm): Rapiscan Security Products, Inc.
- B. DHU46 Mfr. Code
- C. System Model No. and/or Name: RAPISCAN 522
- D. 115V 60HZ Unique I.D.
- E. System Serial No. 7012404
- F. Date of Manufacture: Mo. 6 Yr. 2001
- 1.4 Operator Instructions Available: Yes
- 1.5 Maintenance Schedule Available: Yes

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 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
- 5.0 Baggage Inspection Systems
- 5.1 Means Provided to Ensure Operator Presence at the Control Area: Yes
- 5.2 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
- UR

05 — 7.2 Technical Features: 140 kVp 700 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
	.066mR/hr	Exp	06	.055mR/hr	exp
	.064mR/hr	Exp		.052mR/hr	exp
	.057mR/hr	exp		.050mR/hr	exp
	.056mR/hr	exp		.048mR/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

8.1 175 UR

09 — 8.2

10 — 8.3

11 — 8.4

12 — 8.5 Main Beam Intensity =

13 — Surveyor Information

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

Remarks:

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

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