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): El Paso International Airport
- FDA Region: Texas
- **BB** St. No. R.R. or Airline/Airport (10.80): 6701 Convair Rd.
- **CC** City (10.73): El Paso
- State Code: TX
- Zip Code: 79925
- **DD** Room No. or Other Location of System (10.32): Main Checkpoint Lane 1
- Person Interview (33-54): [redacted]
- Telephone No.: [redacted]
- Certification Label Present: Yes
- Instruments: (type and serial number) Inovision Model: 451P Serial No. 0482

01 1.2 Manufacture And Product ID
- A. Manufacture (Responsible Firm): Rapiscan Security Products
- B. OHU46
- C. System Model No. and/or Name: Rapiscan 520B TRX X-Ray System
- D. Unique I.D.: 115vac 60hz
- E. System Serial No.: 7021105
- F. Date of Manufacture Mo. 03 Yr. 2002
- 1.4 Operator Instructions Available: Yes
- 1.5 Maintenance Schedule Available

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
  - B. At Least One Interlock Dependent on No Moving Part Except Door
- 3.3 Prevention of X-Radiation By Interlocks
  - A. All Doors and Access Panels That Were Tested Prevent Generation of X-Radiation
  - B. Use of X-Ray Control Necessary to Resume Operation Following Interruption
- 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 for 451P meter

05 7.2 Technical Factures: 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
	.036 mR/hr	Exp	**06**	.030 mR/hr	exp
	.031 mR/hr	Exp		.029 mR/hr	exp
	.031 mR/hr	exp		.029 mR/hr	exp
	.031 mR/hr	exp		.029 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 1.65
- **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: 9-24-10
- Surveying Agency Code

Remarks:

WO 3365130
EQ 51831
SEMI PM
ELP

FAA Form 165-17 (6-81)

FAA HQ