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 / CC / DD — 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
- RR
- St. No. R.R. or Airline/Airport (10.80): 6701 Convair Rd.
- City (10.73): El Paso
- State Code: TX
- Zip Code: 79925
- Room No. or Other Location of System (10.32): Main Checkpoint Lane 1
- Person Interview (33-84): [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.: 115vac 60hz
- Unique I.D.
- 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
- 2.0 Interlocks
- 3.1 "Captured Key" Control: Yes

3.2 Door Safety Interlocks

- 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	06 Location	Exposure Levels	Non-Continuously Activated Systems Only Number of Exposures Initiated
.084	mR/hr	Exp	.058	mR/hr	exp
.079	mR/hr	Exp	.056	mR/hr	exp
.073	mR/hr	exp	.050	mR/hr	exp
.071	mR/hr	exp	.048	mR/hr	exp

07 Reasonable Number of Exposures That May Be Initiated in One Hour — OR — Duty Cycle of System Initiated As a Percentage of One Hour: 100%

08 — 8.0 Additional Information

- 8.1 .893
- 09 8.2
- 10 8.3
- 11 8.4
- 12 8.5

13 — Surveyor Information

- Surveyor Name (10-72) (Print: L, F, MI): [redacted]
- [redacted]
- Date of Survey: 03-24-09
- Surveying Agency Code

Remarks:

FAA Form 165-17 (6-81)

MAK

EQ: 51831
WO: 2145653
Semi-Annual PM

FAA HQ

ENTERED APR 0 9 2009