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 (10.60): El Paso International Airport | FDA Region: Texas | BB St. No. R.R. or Airline/Airport (10.60): 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. 115vac Unique I.D. 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 |
| | 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 |
| 02 | 3.2 Door Safety Inter-Locks | A. Minimum Number of Interlocks Visible At Any One Door | 3.3 Prevention of X-Radiation By Interlocks | A. All Doors and Access Panels That Were Tested Prevent Generation of X-Radiation |
| | | B. At Least One Interlock Dependent on No Moving Part Except Door | | 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 | |
| | 7.2 Technical Factures | 140 kVp | 700 mA | |

| 05 | 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 |
|---|---|---|---|---|---|
| | .069 mR/hr | Exp | | .050 mR/hr | exp |
| | .067 mR/hr | Exp | | .048 mR/hr | exp |
| | .071 mR/hr | exp | | .048 mR/hr | exp |
| | .051 mR/hr | exp | | .047 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 .279 | | | |
| 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 [redacted] | Date of Survey 9-24-09 | Surveying Agency Code |

Remarks:

FAA Form 165-17 (6-81)

ENTERED OCT 15 2009

Sept PM

EQ: 51831
WO: 2564276
Semi-Annual PM

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