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<br>**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<br>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 *(18.60)*: Palm Beach Int'l Airport | FDA Region: FL | RR | St. No. R.R. or Airline/Airport *(10.80)*: 1000 James Turnage Blvd |
| CC | | City *(10.73)*: Palm Beach | | State Code: FL | Zip Code: 33406 |
| DD | | Room No. or Other Location of System *(10.32)*: C Checkpoint Lane 3 | Person Interview *(33-54)*: [redacted] | Telephone No.: [redacted] | |
| | | Certification Label Present: Yes | Instrument *(type and serial number)*: Inovision | Model: 451P | Serial No. 557 |
| 01 | 1.2 Manufacture And Product ID | A. Manufacture *(Responsible Firm)*: Rapiscan | B. 0HU46 | C. System Model No. and/or Name: 520B TRX | |
| | | D. 115vac Unique I.D. 60hz | E. System Serial No. 7052001 | | |
| | | F. Date of Manufacture Mo. 03 Yr. 2002 | 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")*: Yes | |
| 02 | | 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: N/A | 3.3 Prevention of X-Radiation By Inter-locks | A. All Doors and Access Panels That Were Tested Prevent Generation of X-Radiation: N/A | |
| | | B. At Least One Interlock Dependent on No Moving Part Except Door: 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 Factures | 140 kVp | .7 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 |
|---|---|---|---|---|---|
| 05 | .080 mR/hr | Exp | 06 | .062 mR/hr | exp |
| | .074 mR/hr | Exp | | .060 mR/hr | exp |
| | .071 mR/hr | exp | | .058 mR/hr | exp |
| | .068 mR/hr | exp | | .056 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<br>8.1 164uR Dosage per inspection | | |
| 09 | 8.2 | | |
| 10 | 8.3 | | |
| 11 | 8.4 | | |
| 12 | 8.5 | | |
| 13 | Surveyor Information: [redacted] | Surveyor Name (10-72) (Print: L, F, MI): [redacted] | Date of Survey: 9/9/10 — Surveying Agency Code |

Remarks:

FAA Form 165-17 (6-81)

FAA HQ

Sept 52176
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