Rapiscan systems

X-RAY SYSTEM RADIATION LEAKAGE SURVEY AND COMPLIANCE REPORT

FIELD TEST
Baggage Partial Inspection Systems

Form R-0588-1 10/2/08

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

Name of Facility: John F. Kennedy Airport
Region: NY
BB Street Address: Terminal 5
CC City: Jamaica
State Code: N-Y
Zip Code: 11430
DD Room No. or Other Location of System: Terminal 5
Person Interviewed: [redacted]
Telephone No.: [redacted]
Certification Label Present: Yes
Measuring Instruments: INOVISION Model: 451P Serial No. 552

01

1.2 Manufacture And Product ID
A. Manufacture: Rapiscan Systems, Inc.
B. Mfr. Code: 0HU48
C. System Model No.: 6200V
D. X-ray Tube Serial Number (s): N/A
E. System Serial No.: 7082411
F. Date of Manufacture Mo. 6 Yr. 08
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"
2.3 Two Indicators Labeled "X-Ray On" Present at Controls: Yes

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2.4 At Least One Indicator, X-Ray Marked "X-Ray On", Visible from Each Port: Yes
3.0 Interlocks
3.1 "Captured Key" Control: Yes

3.2 Prevention of X-Radiation By Interlocks
3.3 All Doors and Access Panels To the X-ray beam Prevent Generation of X-Radiation: Yes
3.4 Use of X-Ray Control Necessary to Resume Operation Following Interruption: Yes
4.0 Ports
4.1 Some Part of the Body Can Be Inserted Through a Port Into The Primary Beam: NO

03

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 X-rays (E-Stop Test): Yes

6.0 Leakage Radiation
Rapiscan Systems Test Procedure Used: Rapiscan Systems WI-0021
6.1 Scatter Block Description: Meter Case

04

6.2 Technical Factors: 156 kVp, 1 mA

Operator's Side: 11 µR/hr; 16 µR/hr; 13 µR/hr

Non-Operator's Side: 11 µR/hr; 12 µR/hr; 19 µR/hr

Front: 27 µR/hr; 41 µR/hr; 36 µR/hr

Rear: 49 µR/hr; 37 µR/hr; 41 µR/hr

Top: 11 µR/hr; 6 µR/hr; 3 µR/hr

05

Dose per pass (to scanned object): 430 [redacted]

06

Surveyor Information: [redacted]
Date of Survey: 6/8/09

I have received a copy of this Radiation Survey Form. Customer Signature [redacted] Date 6/9/09

ENTERED JUN 7 2009

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MD 22054X4