

The information in this report is required by 14 CFR 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) <i>(Require by 14 CFR 108.17, 14 CFR 129.26)</i>		FIELD TEST SERIAL NO. 11-7 T	Form Approved OMB No. 2120-0098	
AA	1.1 Name and Address of Facility	Name of Facility (10.60) Gowen Field	FDA Region IDAHO	RR 3201 AIRPORT WAY	St. No. R.R. or Airline/Airport (10.60)	
CC		City (10.73) BOISE	State Code ID	Zip Code 83705		
DD	1.2 Specific Location of X-ray System	Room No. or Other Location of System (10.32) TERMINAL 1 LANE # 4	Person Interview (23-54)	Telephone No.		
		Certification Label Present Yes	Instruments: (type and serial number) INOVISION Model: 451P Serial No. 424			
01	1.2 Manufacture and Product ID	A. Manufacture (Responsible Firm) RAPISCAN	B. 0AU46	C. System Model No. and/or Name 70342 NO4 TRX 520B		
		D. 115VAC Unique I.D. 60HZ	E. System Serial No. 70342NO4			
		F. Date of Manufacture OCT Yr. 2003	1.4 Operator Instructions Available Yes	1.5 Maintenance Schedule Available N/A		
	2.0 Warning Labels	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 (One May Be Labeled "mA Meter") Yes		
	Indicators	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 Interlocks	A. Minimum Number of Interlocks Visible At Any One Door N/A	3.3 Prevention of X-Radiation by Interlocks	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 94	7.1 Scatter Block Description PELICAN CASE FOR INOVISION 451P			
	7.2 Technical Features	140 mAs		700 mA		
06	7.3 Location	Exposure Levels	Non-Continuously Adjusted Systems Only Number of Exposures Initiated	Location	Exposure Levels	
		1039 mR/hr	EXIT CNT Exp	06	.028 mR/hr	EXIT TOP RT exp
		1037 mR/hr	CNT CNT Exp		.028 mR/hr	ENT LOW LFT exp
		.033 mR/hr	CNT TOP RT exp		.027 mR/hr	ENT TOP LFT exp
		.032 mR/hr	EXIT TOP RT exp		.020 mR/hr	ENT LOW RT 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 .137/inspection				
09	8.2					
10	8.3					
11	8.4					
12	8.5					
13	Surveyor Information	Surveyor Name (10-72) (Print: L, F, MI)	Date of Survey	Surveying Agency Code		
		[Redacted]	9-3-09	585		
Remarks:						

ENTERED

FAA Form 165-17 (6-81)

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