U.S. Department of Homeland Security 601 South 12th Street Arlington, VA 20598-6028



23 March 2010

This document lists the **NON-Sensitive Security Information (SSI)** version of the Transportation Security Administration (TSA), TSA Air Cargo Screening Technology List version 3.0 dated 3/23/2010. This version moved 3 non-computed tomography X-ray systems from the approved list to the qualified list. This list indicates the technologies that can be used by air carriers, indirect air carriers, independent cargo screening facilities, and shippers in the Certified Cargo Screening Program to screen for domestic and outbound (of the United States) air cargo. This list contains **Qualified** and **Approved** technologies, their manufacturer, model number, and top assembly part number. Expiration dates of certifications (**qualified** or **approved**) can be found on the SSI version of the Air Cargo Screening Technology List. Qualified technologies have undergone a formal TSA sponsored test process and are deemed qualified for 5 years from date of qualification. Approved technologies are conditionally approved for screening operations and are currently undergoing further testing for qualification and are approved for 36 months from the date added to the technology list. If these approved technologies are unable to pass qualification activities within the prescribed 36 months, they will be removed from the approved technology section on the specified expiration date. Due to this fact, regulated parties who procure devices from the approved technology section do so at their own risk.

The TSA is in the process of evaluating and testing the Approved technologies on this list for screening air cargo and other existing and emerging technologies to determine their Qualified status. Future testing may result in modifications to this list.

Despite what some manufacturers advertise, TSA has not approved any equipment for any ULD screening. The maximum size cargo configuration that may be screened is a 40" x 48" x 60" skid. The only qualified or approved technologies for bulk cargo configured on a skid are the Rapiscan 632DV, Rapiscan 638DV and Smiths 180180T 2iS. When procuring equipment, regulated parties should select devices from the qualified technology section.

TSA Air Cargo Screening Technology List (ACSTL) Version 3.0 As of 3/23/2010

23 March 2010

<u>Document Purpose</u>: This document serves as an official guide for regulated parties to use when procuring screening equipment in accordance with TSA approved security programs.

<u>Document Format</u>: The document is divided into two sections: a qualified technology section and an approved technology section. The qualified technology section specifies devices, by technology, which have undergone a formal TSA sponsored test process and are deemed qualified for screening operations. When procuring equipment, regulated parties should select devices from the qualified technology section. The approved technology section specifies devices, by technology, which have been conditionally approved for screening operations and are currently undergoing or scheduled for qualification test activities. These devices have up to 36 months from the date when they were added to the approved technology section to successfully pass TSA's qualification test. If they are unable to pass qualification activities within the prescribed 36 months, they will be removed from the approved technology section on the specified expiration date. Due to this fact, regulated parties who procure devices from the approved technology section do so at their own risk. Additional technologies may be added to the approved technology section at TSA's discretion.

<u>Disclaimer</u>: The qualified technology section reflects devices which have successfully passed Stage I of the qualification testing process. TSA reserves the right to remove a device from this list if the device fails Stage II / Stage III testing or fails future test requirements resulting from emerging threats. Should such a situation occur, TSA will issue specific guidance on how previously purchased devices may be used.

Manufacturer points of contact are listed below by alphabetical order:

Company Name	Point of Contact	Phone Number	<u>E-mail</u>
AS&E	Paul Freitas	978-262-8762	pfreitas@as-e.com
Astrophysics	Simon Bedford	858-774-8432	sbedford@astrophysicsinc.com
General Electric	Daniel Mahlum	510-579-5250	daniel.mahlum@morphodetection.com
L-3	Norm Miller	765-464-1328	norm.miller@L-3com.com
Rapiscan	Peter Modica	732-939-6920	pmodica@rapiscansystems.com
Reveal	William Aitkenhead	781-276-8497	william.aitkenhead@revealimaging.com
Smiths Detection	RuthAnne Stoll	202-997-1090	ruthanne.stoll@smithsdetection.com

<u>Qualified Technology</u>: The following list of **Non-Computed Tomography (Non-CT) Transmission X-ray Devices** and **Explosive Detection Systems (EDS)** specifies devices which have undergone a formal TSA sponsored test process and are deemed qualified for screening operations. These devices are qualified for a period of 60 months from date of qualification.

Non-Computed Tomography (Non-CT) Transmission X-ray Devices:

Manufacturer	Device Model Number	Required Top Assembly Part Number
AS&E	Gemini 6040	299-0500
AS&E	Gemini 7555	288-0500
AS&E	Gemini 100100	302-0500
Smiths Detection	100100T 2is	90119101
Astrophysics Inc	XIS 6545 DV	00-13-65DV-21
Astrophysics Inc	XIS 100 XDV	00-13-1XDV-21
L-3	ACX 6.4	1000-ACX64-00
L-3	ACX 6.4 MV	1000-MVACX-00
L-3	MVT-HR	MVT-HR
L-3	VIS-HR	VIS-HR
Rapiscan	620 XR	620XRW-STND
Rapiscan	620 DV	620DVRHS-AT / 620DVLHS-AT
Rapiscan	627 XR	627XRW-STND
Rapiscan	627 DV	627DV-W115
Rapiscan	628 XR	628XRW-STND
Rapiscan	632 DV	632DV200
Rapiscan	638 DV	638DV200
Rapiscan	MVXR 5000	MVXR 5000
Smiths Detection	6040 aTiX	11126346
Smiths Detection	10080 EDtS	11125937
Smiths Detection	10080 EDX 2is	11119582
Smiths Detection	130130T 2is	21340001
Smiths Detection	180180T 2is	31118079

Explosive Detection Systems (EDS):

Manufacturer	Device Model Number	Required Top Assembly Part Number	
General Electric	CTX2500	103100-1 Rev. AM	
General Electric	CTX5500	103000-1 Rev. AX	
General Electric	CTX 9000DSI	600600-1 Rev. CE	
General Electric	CTX 9400DSi	605200-1 Rev. B	
L-3	6000 Examiner	1000-11216-00 Rev. B2	
L-3	6600 Examiner	1000-11216-00 Rev. B2	
Reveal	CT-80	10360-1 Rev. D	

Reveal CT-80DR Reveal CT-80DR

Approved Technology: The following list of Non-Computed Tomography (Non-CT) Transmission X-ray Devices and Explosive Trace Detection (ETD) Devices specifies devices which have been conditionally approved for screening operations and are currently undergoing or scheduled for qualification test activities. These devices have up to 36 months from the date when they were added to the approved technology section to successfully pass TSA's qualification test. If they are unable to pass qualification activities within the prescribed 36 months, they will be removed from the approved technology section at the prescribed expiration date. Due to this fact, regulated parties who procure devices from the approved technology section do so at their own risk. Additional technologies may be added to the list at TSA's discretion.

Explosive Trace Detection (ETD) Devices:

Manufacturer	Device Model Number	Required Top Assembly Part Number
General Electric	Itemiser II	P0007004-006 Rev. 010
General Electric	Itemiser DX	
General Electric	Vapor Trace II (Particle Mode Only)	P0007019-005
Smiths Detection	Ionscan 400B	4812570-115 Rev. A1
Smiths Detection	Ionscan 500DT	4816800AE-201
Smiths Detection	Sabre 4000 (Particle Mode Only)	4818100