

**NON-Sensitive Security Information (SSI)**  
Version of the  
**TSA Air Cargo Screening Technology List (ACSTL) – For Passenger Aircraft**

U.S. Department of Homeland Security  
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Arlington, VA 20598-6028



**Transportation  
Security  
Administration**

30 November 2010

This document lists the **NON-Sensitive Security Information (SSI)** version of the Transportation Security Administration (TSA), TSA Air Cargo Screening Technology List – For Passenger Aircraft - Version 6.1 dated 11/19/2010. This list indicates the equipment 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, Approved, and Waived** technologies, their manufacturer, model number, and top assembly part number. Approved and waived device expiration dates can be found on the SSI version of the Air Cargo Screening Technology List. Qualified technologies have undergone a formal TSA sponsored test process. 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 48" x 48" x 65" skid. When procuring equipment, regulated parties should select devices from the qualified technology section.

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Version 6.1 as of 11/30/2010

30 November 2010

**Document Purpose:** This document serves as an official guide for regulated parties to use when procuring screening equipment in accordance with TSA approved security programs. **Any technology purchased off this list must be utilized in accordance with measures outlined in a screener's Standard Security Program.**

**Document Format:** The document is divided into three sections: a qualified technology section, an approved technology section, and a waived technology section. The qualified technology section specifies equipment, by technology, which has undergone a formal TSA sponsored test process and is deemed qualified for screening operations. When procuring equipment, regulated parties should select equipment from the qualified technology section. The approved technology section specifies equipment, by technology, which has been conditionally approved for screening operations and is currently undergoing or scheduled for qualification test activities. This equipment has up to 36 months from the date when it was added to the approved technology section to successfully pass TSA's qualification test. If it is unable to pass qualification activities within the prescribed 36 months, it will be removed from the approved technology section on the specified expiration date. Due to this fact, regulated parties who procure equipment 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. The waived technology section specifies equipment, by technology, which has been granted an exception that aligns the technology with specific rules or parameters beyond those levied on approved or qualified technology. Regulated parties should not purchase equipment from this section; rather, they should reference the qualified or approved sections for their procurement needs.

**Disclaimer:** The qualified technology section reflects equipment which has successfully passed Stage I of the qualification testing process. TSA reserves the right to remove equipment from this list if the equipment 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 equipment may be used.

**Manufacturer points of contact are listed below by alphabetical order:**

<b><u>Company Name</u></b>	<b><u>Point of Contact</u></b>	<b><u>Phone Number</u></b>	<b><u>E-mail</u></b>
AS&E	Paul Freitas	978-262-8762	<a href="mailto:pfreitas@as-e.com">pfreitas@as-e.com</a>
Astrophysics	Simon Bedford	858-774-8432	<a href="mailto:sbedford@astrophysicsinc.com">sbedford@astrophysicsinc.com</a>
CEIA	Mark Meyer	330-405-3190	<a href="mailto:mmeyer@ceia-usa.com">mmeyer@ceia-usa.com</a>
Control Screening	Ken Voigtland	973-296-9531	<a href="mailto:kvoigtland@controlscreening.com">kvoigtland@controlscreening.com</a>

**NON-Sensitive Security Information (SSI)**  
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**TSA Air Cargo Screening Technology List (ACSTL) – For Passenger Aircraft**

L-3	Ellen M. Howe	703-981-8161	<a href="mailto:ellen.m.howe@l-3com.com">ellen.m.howe@l-3com.com</a>
Lock Inspection	David Arseneault	978-265-3117	<a href="mailto:darseneault@lockinspection.com">darseneault@lockinspection.com</a>
Morpho Detection	Daniel Mahlum	510-579-5250	<a href="mailto:daniel.mahlum@morphodetection.com">daniel.mahlum@morphodetection.com</a>
Rapiscan	Peter Modica	732-939-6920	<a href="mailto:pmodica@rapiscansystems.com">pmodica@rapiscansystems.com</a>
Reveal	William Aitkenhead	781-276-8497	<a href="mailto:william.aitkenhead@revealimaging.com">william.aitkenhead@revealimaging.com</a>
Smiths Detection	RuthAnne Stoll	202-997-1090	<a href="mailto:ruthanne.stoll@smithsdetection.com">ruthanne.stoll@smithsdetection.com</a>

**Qualified Technology:** The following list of **Non-Computed Tomography (Non-CT) Transmission X-ray Devices, Explosive Trace Detection (ETD) Devices, and Explosive Detection Systems (EDS)** specifies equipment which has undergone a formal TSA sponsored test process and is deemed qualified for screening operations.

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

Manufacturer	Device Model Number	Required Top Assembly Part Number	Date Qualified
AS&E	Gemini 6040	299-0500	10/23/2009
AS&E	Gemini 7555	288-0500	10/23/2009
AS&E	Gemini 100100	302-0500	10/23/2009
Astrophysics Inc	XIS 5878	00-13-5878-12	05/14/2010
Astrophysics Inc	XIS 6040	00-12-6040-21	05/14/2010
Astrophysics Inc	XIS 6545	00-13-6545-21	05/14/2010
Astrophysics Inc	XIS 6545 DV	00-13-65DV-21	10/23/2009
Astrophysics Inc	XIS 7858	00-13-7858-21	05/14/2010
Astrophysics Inc	XIS 100 X	00-13-1XST-21	05/14/2010
Astrophysics Inc	XIS 100 XD	00-13-1XDM-21	05/14/2010
Astrophysics Inc	XIS 100 XDV	00-13-1XDV-21	10/23/2009
Astrophysics Inc	XIS 1080	00-13-1080-21	05/14/2010
Astrophysics Inc	XIS 1517	00-13-1517-20	05/14/2010
Astrophysics Inc	XIS 1818	00-13-1818-20	05/14/2010
Astrophysics Inc	XIS 1818 320	00-25-1818-20	05/14/2010
Control Screening	6040	6040M-AC2	05/14/2010
Control Screening	7555M	7555M-AC2	05/14/2010
Control Screening	100100T	100100T-AC2	05/14/2010
Morpho Detection	HRX 650	P0007033-003	05/14/2010
Morpho Detection	HRX 750	P0007033-004	05/14/2010
Morpho Detection	HRX 1000	P0007033-005	05/14/2010
Morpho Detection	HRX 1000 DV	P0007033-011	05/14/2010
Morpho Detection	HRX 1500	P0007033-012	05/14/2010
Morpho Detection	HRX 1800	P0007033-013	05/14/2010
L-3	ACX 6.4	1000-ACX64-00	10/23/2009

**NON-Sensitive Security Information (SSI)**  
**Version of the**  
**TSA Air Cargo Screening Technology List (ACSTL) – For Passenger Aircraft**

L-3	ACX 6.4 MV	1000-MVACX-00	10/23/2009
L-3	PX 6.4	1000-1PX64-00	05/14/2010
L-3	PX 107	1000-PX107-00	05/14/2010
L-3	MVT-HR	1000-10001-HR	02/03/2010
L-3	PX 208	1000-PX208-00	05/14/2010
L-3	VDS 108	1000-10001-SF	05/14/2010
L-3	VIS-HR	1000-10001-VH	02/03/2010
L-3	PX 160 P	0125-10431-00	05/14/2010
L-3	CX 6000 P DV	002	05/14/2010
Rapiscan	620 XR	620XRW-STND	10/23/2009
Rapiscan	620 DV	620DVRHS-AT 620DVLHS-AT	10/23/2009
Rapiscan	627 XR	627XRW-STND	10/23/2009
Rapiscan	627 DV	627DV-W115	10/23/2009
Rapiscan	628 XR	628XRW-STND	10/23/2009
Rapiscan	628 DV	628DV115	05/14/2010
Rapiscan	MVXR 5000	2010659-6	02/03/2010
Rapiscan	632 DV	632DV200	10/23/2009
Rapiscan	638 DV	638DV200	10/23/2009
Rapiscan	Eagle A 1000	A10T480	05/14/2010
Smiths Detection	6040 aTiX	11126346	10/23/2009
Smiths Detection	6040 DS	91280001	05/14/2010
Smiths Detection	6040 i	11121839	05/14/2010
Smiths Detection	6046 si	91150001	05/14/2010
Smiths Detection	7555 aTiX	11127253	05/14/2010
Smiths Detection	7555 i	90590001	05/14/2010
Smiths Detection	7555 si	91230007	05/14/2010
Smiths Detection	9075	90050001	05/14/2010
Smiths Detection	10080 EDtS	11125937	10/23/2009
Smiths Detection	10080 EDX 2is	11119582	10/23/2009
Smiths Detection	100100T 2is	90119101	05/14/2010
Smiths Detection	100100V	90560001	05/14/2010
Smiths Detection	130130T 2is	21340001	05/14/2010
Smiths Detection	145180	11115415	10/23/2009
Smiths Detection	180180	91031001	05/14/2010
Smiths Detection	180180 2is	31118079	05/14/2010

**NON-SSI**

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**Explosive Trace Detection (ETD):**

Manufacturer	Device Model Number	Required Top Assembly Part Number	Date Qualified
Morpho Detection	Itemiser DX	P007018-014-CAR	08/24/2010
Smiths Detection	Ionscan 500DT	4816800AE-401-B	08/24/2010

**Explosive Detection Systems (EDS):**

Manufacturer	Device Model Number	Required Top Assembly Part Number	Date Qualified
Morpho Detection	CTX2500	103100-1 Rev. AM	10/23/2009
Morpho Detection	CTX5500	103000-1 Rev. AX	10/23/2009
Morpho Detection	CTX 9000DSI	600600-1 Rev. CE	10/23/2009
Morpho Detection	CTX 9400DSi	605200-1 Rev. B	10/23/2009
L-3	6000 Examiner	1000-11216-00 Rev. B2	10/23/2009
L-3	6600 Examiner	1000-11216-00 Rev. B2	10/23/2009
Reveal	CT-80	10360-1 Rev. D	10/23/2009
Reveal	CT-80DR	Reveal CT-80DR	10/23/2009

**Approved Technology:** The following list of **Electronic Metal Detection (EMD) Devices** specifies equipment which has been conditionally approved for screening operations and is currently undergoing or scheduled for qualification test activities. This equipment has up to 36 months from the date when it was added to the approved technology section to successfully pass TSA's qualification test. If it is unable to pass qualification activities within the prescribed 36 months, it will be removed from the approved technology section at the prescribed expiration date. Due to this fact, regulated parties who procure equipment from the approved technology section do so at their own risk. Additional technologies may be added to the list at TSA's discretion.

**Electronic Metal Detection (EMD) Devices:**

Manufacturer	Device Model Number	Required Top Assembly Part Number	Date Added	Expiration Date
CEIA	EMIS 6047	EMIS6047	4/28/2010	4/27/2013
CEIA	EMIS 8075	EMIS8075	4/28/2010	4/27/2013
Lock Inspection	Metalchek 30+	50899	4/28/2010	4/27/2013

**NON-Sensitive Security Information (SSI)**  
**Version of the**  
**TSA Air Cargo Screening Technology List (ACSTL) – For Passenger Aircraft**

**Waived Technology:** The following list of **Explosive Trace Detection (ETD) Devices** specifies equipment which has been granted an exception that aligns the technology with specific rules or parameters beyond those levied on approved or qualified technology. Regulated parties should not purchase devices from this section; rather, they should reference the qualified or approved sections for their procurement needs.

**Explosive Trace Detection (ETD) Devices:**

Manufacturer	Device Model Number	Required Top Assembly Part Number	Date Added	Expiration Date
Morpho Detection	Itemiser II	P0007004-006 Rev. 010	5/14/2010	1/1/2014
Morpho Detection	Itemiser DX	P0007018-014-TSA	8/24/2010	1/1/2014
Morpho Detection	Vapor Trace II (Particle Mode Only)	P0007019-005	5/14/2010	1/1/2014
Smiths Detection	Ionscan 400B	4812570-115 Rev. A1	5/14/2010	1/1/2014
Smiths Detection	Ionscan 500DT	4816800AE-201	8/24/2010	1/1/2014
		4816800AE-201-A		
		4816800AE-401-A	11/24/2010	11/30/2011
Smiths Detection	Sabre 4000 (Particle Mode Only)	4818100	5/14/2010	1/1/2014