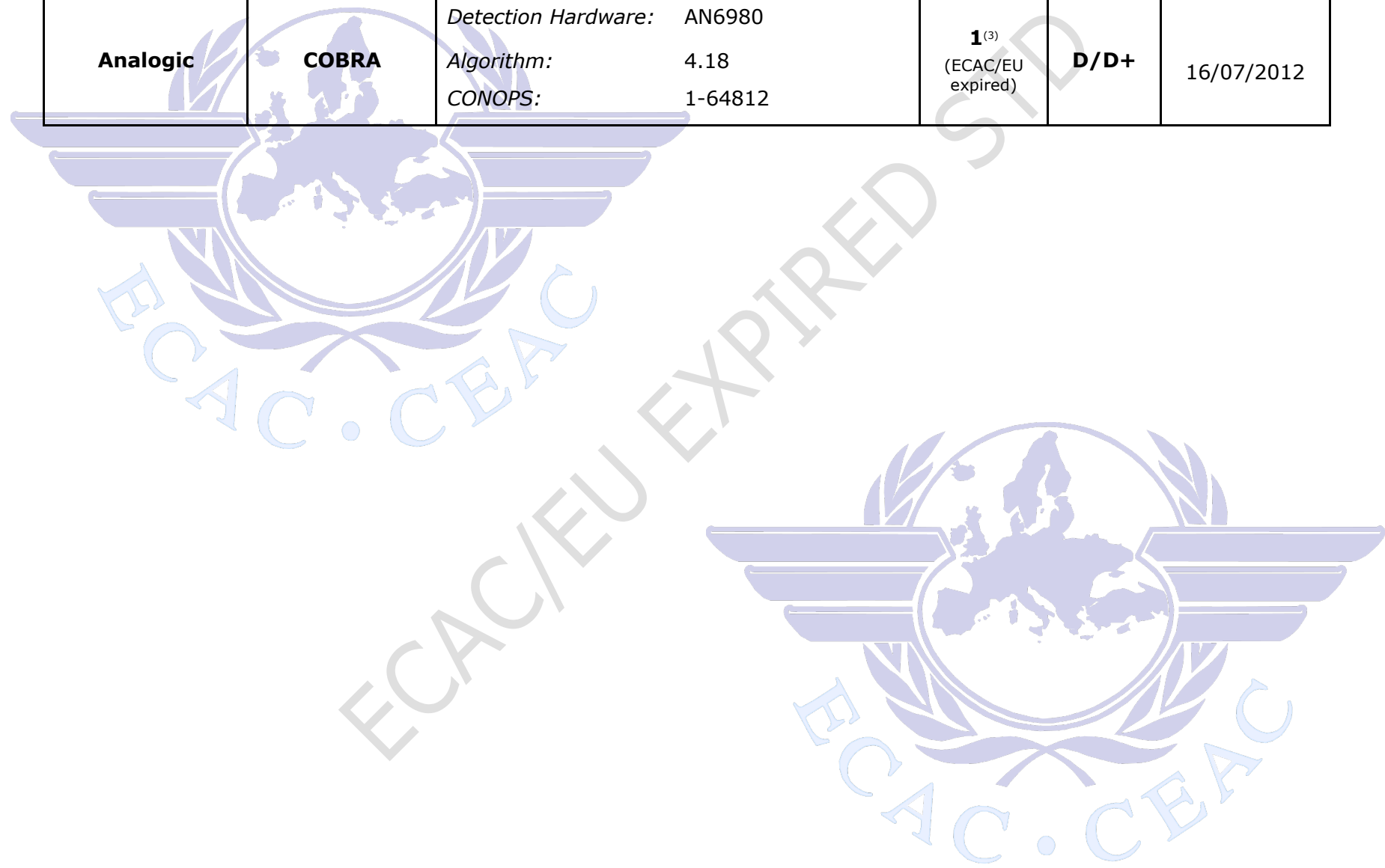


ECAC CEP Liquid Explosive Detection Systems (LEDS) equipment (ECAC/EU expired standards ⁽¹⁾ only). Update 31 March 2022

Manufacturer	Equipment		Standard	Type ⁽⁴⁾	Notification
	Designation	Configuration ⁽²⁾			
Analogic	COBRA	<i>Detection Hardware:</i> AN6980 <i>Algorithm:</i> 4.18 <i>CONOPS:</i> 1-64812	1 ⁽³⁾ (ECAC/EU expired)	D/D+	16/07/2012



ECAC CEP Liquid Explosive Detection Systems (LEDS) equipment (ECAC/EU expired standards (1) only). Update 31 March 2022

Manufacturer	Equipment		Standard	Type ⁽⁴⁾	Notification
	Designation	Configuration ⁽²⁾			
AS&E (American Science & Engineering)	Sat BLS	Software incl. Algorithm: 4.0.0.3 CONOPS: Sat BLS instructions Rev 2.1 06/28/2011	1 ⁽³⁾ (ECAC/EU expired)	B	30/09/2011
AS&E (American Science & Engineering)	Sat BLS	Software, incl. Algorithm: 4.0.0.4 CONOPS: Sat BLS instructions Rev 2.1 06/28/2011	1 ⁽³⁾ (ECAC/EU expired)	B	10/07/2012

ECAC CEP Liquid Explosive Detection Systems (LEDS) equipment (ECAC/EU expired standards ⁽¹⁾ only). Update 31 March 2022

Manufacturer	Equipment		Standard	Type ⁽⁴⁾	Notification
	Designation	Configuration ⁽²⁾			
Emisens / Link Microtek	EMILI	Detection Hardware: EMILI TS	1 ⁽³⁾ (ECAC/EU expired)	B	22/07/2013
		Measurement Software: ecac_std_V5.ini			
		CONOPS: EMILI TS Conops 0513			

ECAC CEP Liquid Explosive Detection Systems (LEDS) equipment (ECAC/EU expired standards (1) only). Update 31 March 2022

Manufacturer	Equipment		Standard	Type ⁽⁴⁾	Notification
	Designation	Configuration ⁽²⁾			
Kromek	Identifier BLS-1005	<i>Software:</i> 4.63.1.0 <i>Algorithm:</i> 7.2.0.0 <i>CONOPS:</i> MAL-OPS-0851 Rev.6	1 ⁽³⁾ (ECAC/EU expired)	B	30/09/2011

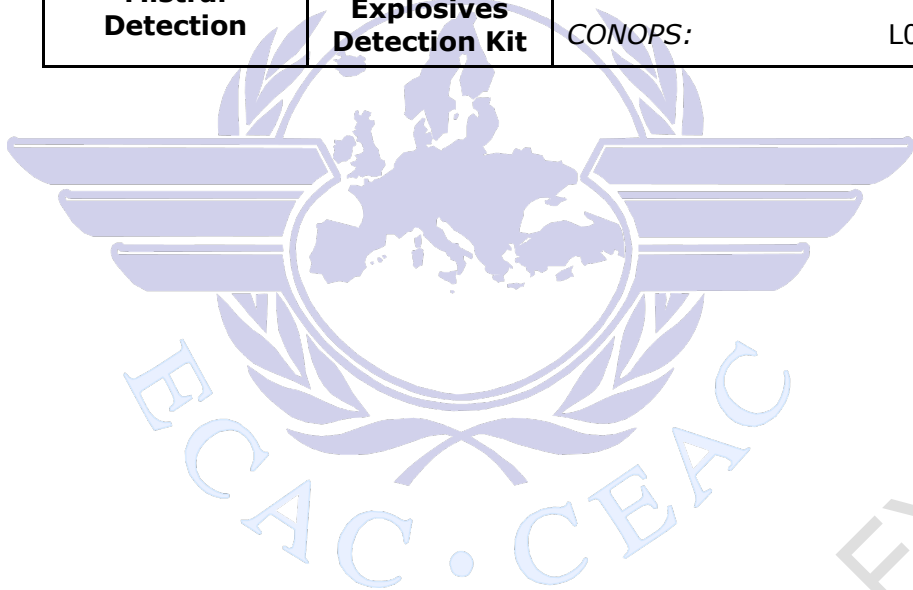


ECAC CEP Liquid Explosive Detection Systems (LEDS) equipment (ECAC/EU expired standards ⁽¹⁾ only). Update 31 March 2022

Manufacturer	Equipment		Standard	Type ⁽⁴⁾	Notification
	Designation	Configuration ⁽²⁾			
L-3 Communications	ACX6.4-MV (3view) with Optosecurity XMS®	<i>Detection Hardware:</i> 1000-MVACX-03 REV: CO <i>Auxiliary Hardware:</i> OS-3000 <i>Algorithm:</i> Non-detection: 8.3.2 Detection: 5.0 <i>CONOPS:</i> 8500-10118-01 REV: AO	1 ⁽³⁾ (ECAC/EU expired)	C	16/03/2011
L-3 Communications	ACX6.4-MV (3view) with Optosecurity XMS®	<i>Detection Hardware:</i> 1000-MVACX-03 REV: CO <i>Auxiliary Hardware:</i> OS-5000 <i>Algorithm:</i> Non-detection: 8.4 Detection: 6.0 <i>CONOPS:</i> 8500-10118-00 REV: A1	1 ⁽³⁾ (ECAC/EU expired)	C	23/12/2011
L-3 Communications	ACX6.4-MV (3view) with Optosecurity XMS®	<i>Detection Hardware:</i> HP Z600 Server <i>Auxiliary Hardware:</i> OS-3000 <i>Algorithm:</i> Detection: 6.1 <i>CONOPS:</i> 8500-10118-00 REV: A1	1 ⁽³⁾ (ECAC/EU expired)	C	07/02/2012

ECAC CEP Liquid Explosive Detection Systems (LEDS) equipment (ECAC/EU expired standards (1) only). Update 31 March 2022

Manufacturer	Equipment		Standard	Type ⁽⁴⁾	Notification
	Designation	Configuration ⁽²⁾			
Mistral Detection	Liquid Explosives Detection Kit	<i>Detection Hardware:</i> LED Kit Cat. No 01588 <i>CONOPS:</i> L01588V01	1 ⁽³⁾ (ECAC/EU expired)	A	30/09/2011



ECAC/EU EXPIRED STD



ECAC CEP Liquid Explosive Detection Systems (LEDS) equipment (ECAC/EU expired standards ⁽¹⁾ only). Update 31 March 2022

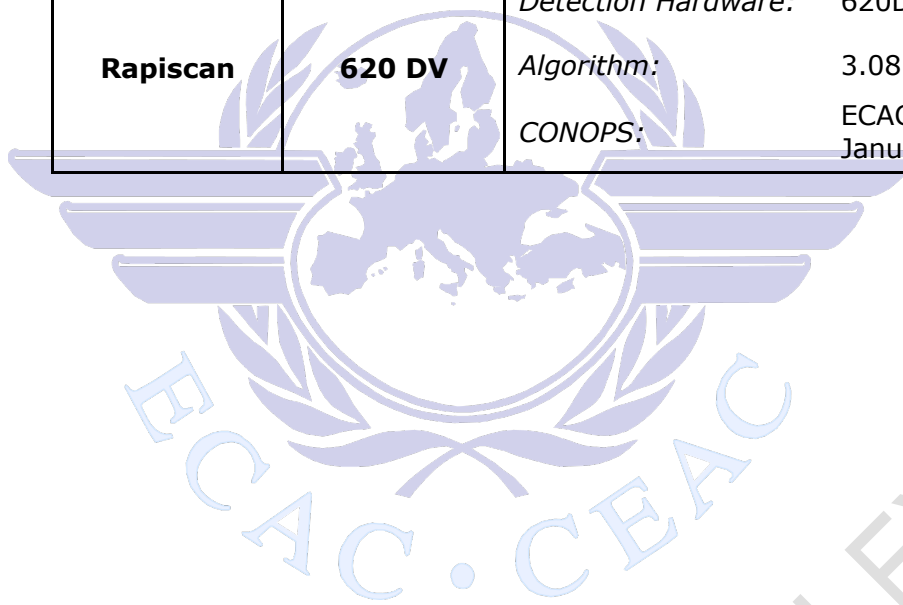
Manufacturer	Equipment		Standard	Type ⁽⁴⁾	Notification
	Designation	Configuration ⁽²⁾			
Nuctech	XT2080 X-Ray CT	<i>Detection Hardware:</i> CH-II 1.2 <i>Algorithm:</i> LEDS 1.0 <i>CONOPS:</i> V1.1	1 ⁽³⁾ (ECAC/EU expired)	D/D+	04/03/2013
Nuctech	LS1516BA	<i>Detection Hardware:</i> DHV 1.0 <i>System Software:</i> V1.2.036.188 <i>Algorithm:</i> AV 3.2.1.12 <i>CONOPS:</i> 2013.11.06 CONOPS-V2-B	1 ⁽³⁾ (ECAC/EU expired)	C	03/03/2014

ECAC CEP Liquid Explosive Detection Systems (LEDS) equipment (ECAC/EU expired standards (1) only). Update 31 March 2022

Manufacturer	Equipment		Standard	Type ⁽⁴⁾	Notification
	Designation	Configuration ⁽²⁾			
Optosecurity	Optoscreener on Smiths 7555i	<i>Detection Hardware:</i> Smiths 7555i <i>Auxiliary Detection Hardware:</i> HP Z620 <i>Algorithm:</i> 5.12 <i>CONOPS:</i> N/A	1 ⁽³⁾ (ECAC/EU expired)	C	03/03/2014
Optosecurity	Optoscreener on Smiths 6046si	<i>Detection Hardware:</i> Smiths 6046si <i>Auxiliary Detection Hardware:</i> OS-3000 <i>Algorithm:</i> 5.2 <i>CONOPS:</i> D500-10001	1 ⁽³⁾ (ECAC/EU expired)	C	16/03/2011
Optosecurity	Optoscreener on Smiths 6046si	<i>Detection Hardware:</i> Smiths 6046si <i>Auxiliary Detection Hardware:</i> OS-3000 <i>Algorithm:</i> Detection: 6.1 <i>CONOPS:</i> D500-10001	1 ⁽³⁾ (ECAC/EU expired)	C	07/02/2012
Optosecurity	Optoscreener on Smiths 7555i	<i>Detection Hardware:</i> Smiths 7555i <i>Auxiliary Detection Hardware:</i> OS-3000 <i>Algorithm:</i> 6.1 <i>CONOPS:</i> D500-10001 (April 2012)	1 ⁽³⁾ (ECAC/EU expired)	C	11/07/2012

ECAC CEP Liquid Explosive Detection Systems (LEDS) equipment (ECAC/EU expired standards ⁽¹⁾ only). Update 31 March 2022

Manufacturer	Equipment		Standard	Type ⁽⁴⁾	Notification
	Designation	Configuration ⁽²⁾			
Rapiscan	620 DV	<i>Detection Hardware:</i> 620DV <i>Algorithm:</i> 3.081 <i>CONOPS:</i> ECAC Type C CONOPS, January 2011	1 ⁽³⁾ (ECAC/EU expired)	C	16/03/2011



ECAC/EU EXPIRED STD



ECAC CEP Liquid Explosive Detection Systems (LEDS) equipment (ECAC/EU expired standards (1) only). Update 31 March 2022

Manufacturer	Equipment		Standard	Type ⁽⁴⁾	Notification
	Designation	Configuration ⁽²⁾			
Reveal Imaging Technologies	CT-800	<i>Detection Hardware:</i> CT-800 <i>Algorithm:</i> 4.3.0.2 <i>CONOPS:</i> CT-800 User Guide (P/N 81032)	1 ⁽³⁾ (ECAC/EU expired)	D+	04/01/2012



ECAC/EU EXPIRED



ECAC CEP Liquid Explosive Detection Systems (LEDS) equipment (ECAC/EU expired standards ⁽¹⁾ only). Update 31 March 2022

Manufacturer	Equipment		Standard	Type ⁽⁴⁾	Notification
	Designation	Configuration ⁽²⁾			
Smiths Detection	HI-SCAN 6040aX	Algorithm: 05-94-30 CONOPS: 95592935, 10/08/2010	1 ⁽³⁾ (ECAC/EU expired)	C	13/10/2010

Notes:

⁽¹⁾ **ECAC/EU expired standard:** The use of equipment configurations meeting an expired standard is not recommended to ECAC Member States from the expiration date set out in Doc 30, Part II (Security). EU Member States shall not use equipment meeting an expired standard, in accordance with EU Regulations)

⁽²⁾ Information on **configuration** was provided by the equipment manufacturer as part of the testing process.

⁽³⁾ **Standard 1** for Liquid Explosive Detection Systems expired on 30 January 2016 (*Ref ECAC Doc 30, Part II (Security) point 12.7.2.2; Ref Commission implementing Regulation (EU) 185/2010 Annex 12.7.2.2*)

⁽⁴⁾ **Type of Operations:** On the basis of the Concept of Operations (CONOPS) of the tested LEDS, provided by the manufacturer, the LEDS performance was tested for a given type of operations:

- **Type A:** the LEDS screens individual containers and requires containers to be opened for sampling. LAG containers must be removed from cabin baggage.
- **Type B:** the LEDS screens individual containers with no requirement for containers to be opened (original seal remains intact). LAG containers must be removed from cabin baggage.
- **Type C:** the LEDS screens multiple containers with no requirement for containers to be opened (original seal remains intact). LAG containers must be removed from cabin baggage.
- **Type D:** the LEDS screens LAG containers with no requirement for containers to be opened (original seal remains intact). LAG containers do not need to be removed from cabin baggage.
- **Type D+:** the LEDS is additionally capable to screen LAG containers with complex electronics (e.g. laptops) present in cabin baggage. This type is not contained within the EU regulations, however it is included in these lists as it helps to determine detection capability in the presence of complex electronics.