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CONFERENCE EUROPEENNE DE L'AVIATION CIVILE

When replying, please quote:

EC 9/8.3/125 – 0045

14 January 2022

**Subject: ECAC Common Evaluation Process of security equipment (CEP)
Explosive detection systems for cabin baggage (EDSCB) – Configuration
Change Management (2022-EDSCB-CCM-006)**

Dear Mr Fleckenstein,

I refer to the ECAC Common Evaluation Process of security equipment (CEP) applied to explosive detection systems for cabin baggage (EDSCB) and to your submission of a change affecting the HI-SCAN 6040 CTiX previously tested under the CEP. The ECAC references of the relevant Full Tests of the configurations affected are 2017-EDSCB-FT-011, 2018-EDSCB-FT-006 and 2019-EDSCB-FT-014, completed on 28 November 2017, 26 February 2019 and 20 March 2020, respectively, at ICT (Germany).

ICT (Germany) has now completed a review of the evidence provided by your company in support of its request for a configuration change in relation to the following items:

	Tested configuration	Changed configuration
Detection Hardware:	HI-SCAN 6040 CTiX	- HI-SCAN 6040 CTiX - HI-SCAN 6040 CTiX Model S
Detection Algorithm:	20-10-00 (STD C2) 20-20-00 (STD C2)	Identical to tested configuration
Auxiliary Hardware:	MacDonald Humphrey tray (P/N 34460689)	Identical to tested configuration
CONOPS:	95596016 (2017/09/26)	Identical to tested configuration

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	Tested configuration	Changed configuration
Detection Hardware:	HI-SCAN 6040 CTiX	- HI-SCAN 6040 CTiX - HI-SCAN 6040 CTiX Model S
Detection Algorithm:	- 20-14-00 (STD C2) - 20-20-00 (STD C2)	Identical to tested configuration
Auxiliary Hardware:	- Scarabee tray (P/N SSL01_XA003_NH) - Smiths Detection tray (P/N 34486990) - Smiths Detection tray 2 (P/N 34482148)	Identical to tested configuration
CONOPS:	95596016 (2017/09/26)	Identical to tested configuration

	Tested configuration	Changed configuration
Detection Hardware:	HI-SCAN 6040 CTiX	- HI-SCAN 6040 CTiX - HI-SCAN 6040 CTiX Model S
Detection Algorithm:	20-27-00 (STD C3)	Identical to tested configuration
Auxiliary Hardware:	- MacDonald Humfrey tray (P/N 34460689) - Smiths Detection tray (P/N 34486990) - Smiths Detection tray 2 (P/N 34482148)	Identical to tested configuration
CONOPS:	95596016 (2017/09/26)	Identical to tested configuration

	Tested configuration	Changed configuration
Detection Hardware:	HI-SCAN 6040 CTiX	- HI-SCAN 6040 CTiX - HI-SCAN 6040 CTiX Model S
Detection Algorithm:	20-30-00 (STD C3)	Identical to tested configuration
Auxiliary Hardware:	- MacDonald Humfrey tray (P/N 34460689) - Scarabee tray (P/N SSL01_XA003_NH) - Smiths Detection tray (P/N 34486990)	Identical to tested configuration
CONOPS:	95596016 Rev. 1 (2017/09/26)	Identical to tested configuration

	Tested configuration	Changed configuration
Detection Hardware:	HI-SCAN 6040 CTiX	- HI-SCAN 6040 CTiX - HI-SCAN 6040 CTiX Model S
Detection Algorithm:	20-31-00 (STD C2)	Identical to tested configuration
Auxiliary Hardware:	- MacDonald Humfrey tray (P/N 34460689) - Scarabee tray (P/N SSL01_XA003_NH) - Smiths Detection tray (P/N 34486990)	Identical to tested configuration
CONOPS:	95596016 Rev. 1 (2017/09/26)	Identical to tested configuration

	Tested configuration	Changed configuration
Detection Hardware:	HI-SCAN 6040 CTiX	- HI-SCAN 6040 CTiX - HI-SCAN 6040 CTiX Model S
Detection Algorithm:	20-30-00 (STDs C2 & C3)	Identical to tested configuration
Auxiliary Hardware:	- Smiths Detection tray 2 (P/N 34482148) - Vanderlande tray (P10128 / 095527-727)	Identical to tested configuration
CONOPS:	95596016	Identical to tested configuration

	Tested configuration	Changed configuration
Detection Hardware:	HI-SCAN 6040 CTiX	- HI-SCAN 6040 CTiX - HI-SCAN 6040 CTiX Model S
Detection Algorithm:	- 20-36-00 (STD C3) - 20-41-00 (STD C3)	Identical to tested configuration
Auxiliary Hardware:	- MacDonald Humfrey tray (P/N 34460689) - Scarabee tray (P/N SSL01_XA003_NH) - Smiths Detection tray (P/N 34486990)	Identical to tested configuration
CONOPS:	95596016	Identical to tested configuration

	Tested configuration	Changed configuration
Detection Hardware:	HI-SCAN 6040 CTiX	- HI-SCAN 6040 CTiX - HI-SCAN 6040 CTiX Model S
Detection Algorithm:	20-50-00 (STD C3)	Identical to tested configuration
Auxiliary Hardware:	<ul style="list-style-type: none">- Cassioli tray (P/N S030012FPLT)- One Tray tray (P/N OT_VAS013)- Smiths Detection tray 3 (P/N 34496512)- Smiths Detection tray 3 (P/N 34493797)- Smiths Detection tray 3 (P/N 34495373)	Identical to tested configuration
CONOPS:	95596016 rev.02 (2020/03/01)	Identical to tested configuration

The conclusions of this review were considered by the ECAC CEP Management Group, which endorsed that this change **did not affect the detection performance** and would therefore extend the currently awarded **Standards C2 or C3**, as appropriate, to the HI-SCAN 6040 CTiX configurations featuring the **lighter detection hardware version 6040 CTiX Model S** detailed above.

The test results of this EDSCB configuration will soon be published on the ECAC website. Furthermore, copies of the equipment lists which feature on the ECAC website are regularly provided to ICAO, which in turn updates the lists of configurations on the AVSECPaedia secured section of its own website, for the benefit of the wider international community.

I am available at the ECAC Secretariat (cep@ecac-ceac.org) to provide you with any further information. I would like to express our appreciation for the continued participation of your company in the ECAC Common Evaluation Process.

Yours sincerely,



David Matesanz
CEP Security Equipment Specialist