



Summary of the Eighty-First Meeting
Special Committee 224 Plenary
Airport Security Access Control Systems

The eighty-first meeting of SC–224 was held virtually on December 2, 2021.

Attendees included:

Christer Wilkinson (Co-Chair)	AECOM System Solutions
Art Kosatka (Secretary)	TranSecure Inc.
Djhanice “DJ” Neric (Government Authorized Rep)	FAA
Karan Hofmann	RTCA, Inc.
Jose Chavez	TSA
Jonathan Branker	FAA
Kristina Dores	TranSecure, Inc.
Jim McGuire	TranSecure, Inc.
Walter Hamilton	IDTP
David McGhee	R&B
Ann Barry	R&B
Hunter Fulghum	R&B
Lance Ferrell	M2P
Blain Overstreet	AECOM
Trent Higareda	CTI Consulting
Don Zoufal	Crowznest
Lars Suneborn	IDTP
Regrets:	
Suzanne Guzik	CTI Consulting

SC-224 – Meeting No. 81
(December 2, 2021 Meeting)

1. Welcome and Administrative Remarks:

Ms. Hofmann opened the meeting with the reading of the reminders for Anti-Trust Requirement, RTCA Proprietary Policy and Membership Policy and relevant exemptions. Dr. Wilkinson presented the agenda for today’s meeting.

2. Approval of Previous Meeting Summary:

The Summary for the Plenary #80 (October 28, 2021) meeting was approved as published with minor adjustments.

3. TSA Report:

Mr. Chavez stated that cybersecurity and UAVs have been ‘hot’ topics as technology continues to outpace laws. DHS cybersecurity efforts involve many elements that cannot be discussed in public forums, and that there are still too many moving parts to be fully resolved. Effective 22 November, there are new cybersecurity coordinator roles and incident reporting requirements within critical infrastructure which contractors can view – in part – on the DHS website. There are at least three bills in Congress for cybersecurity. Generally, the national guidance under development will apply to *any entity* (commercial and government (including all those involved in the nation’s infrastructure)) involved in cyber-based undertakings. Target date for issuance is still estimated for perhaps 6 months, to be in line with national cyber incident reporting guidance. There is also UAS guidance in the works.

Dr. Branker noted that the FAA is also monitoring CISA directives and recommends that industry also monitor / adopt directives (and postulating that tenants and other airport users might benefit and / or be required to do so in future. Several efforts also underway in EU / UK, not just DHS; the guidance will apply to all other modalities as well, although this committee is concerned only with aviation policy. Though Mr. Chavez could not speak to whether requirements include ports at this time (his area being specifically aviation), Dr. Branker stated that the directives do impact systems providers as may be in airports. Airport Operators and interested parties can subscribe to DHS CISA alerts at the following website for cybersecurity alerts pertaining to infrastructure security and industrial controls systems. <https://www.cisa.gov>.

4. Safe Skies Reports:

Unavailable as Ms. Guzik was not present.

5. Document Distribution

Ms. Hofmann reported no change.

6. DO-230L Sections

Mr. Zoufal reported that his Credentialing/ Identity Management Section is being re-oriented and consolidated to better reflect the evolving RapBack program regarding new guidance and requirements, including the revocation process and management of the central data base. He has requested a copy of the current version from Ms. Guzik.

Mr. Hamilton has proposed for his Biometrics Section an update on the status of 11 national and international standards and products - including data from INCITS and ISO – which will likely require updates mid-year following ISO meetings.

His new general format will now include information on:

Spoofing

Exchange format

Multimodal and fusion

DNA standard

Volumetric sample quality

Non-contact access - iris, facial, some fingerprints

Finger and facial draft

Subject in motion

Face awareness (just “in view”, not capture)

Overview of applications

Remote bio-identification systems

The revised draft will be posted shortly on the Committee’s website.

Ms. Barry and colleagues Mr. McGee and Mr. Fulghum on the Perimeter/ PIDS Section presented an outline of a general need for reorganization for better flow, suggesting some revisions to the reliance on technology and an augmentation on SOPs. Mr. Kosatka reminded the committee of the long-standing agreement to avoid telling the reader how to operate their airport, but to simply provide a framework of operational ideas and how they might be used in various environments.

Their Team provided an outline to address an overview, some international perspective, requirements for perimeter security (not just updated reviews of technology), and information on assessments and integration of the basic elements. They will modify and post. Dr. Branker suggested that the use of drones in non-ACS functions such as ATC, ARFF, first response assessment, surveillance and more may provoke further remarks within this section. (Note: their outline will be posted on AerOpus associated with this summary.)

Mr. Zoufal suggested that with the introduction of UAV/ UAS, the perimeter may now be defined differently; Mr. McGhee noted that may be more of an assessment issue than a detection issue, noting that NSSA has published a study on this.

General discussion ensued regarding implementation, design considerations, changing regulations, cost implications --not dollar amounts, but orders of magnitude - (might belong in the Procurement Section). Strong discussion to use the term “resources” and perhaps “budget” rather than costs, which better meets the RTCA editorial guidance regarding reference to vendor data. The Chairman stated they can begin with certain key sections individually while waiting for added committee guidance.

Mr. Suneborn said not much has changed since his previous PACS status report – there are more manufacturers in compliance with GSA standards and greater emphasis on mobile devices usage in access control. For next time, he will consider what may be next in the world of physical and logical access control; he will need to modify / update some card technologies.

Mr. Ferrell's Integration Section was fully updated for DO-230K so there are no changes seen at the moment for the next version, although a review of the relevance to other sections would be appropriate.

Mr. Shane had similarly updated the Video Section last time so nothing new is planned yet... notwithstanding a review of other revised chapters

Ms. Dores -- The Facilitation Section still needs more on access control – there is no new draft at this time due in part to many overlapping issues; she will be reaching out to other resources. PKI across national borders is a growing concern.

Mr. Overstreet – Communications Section – no report; had to depart early. His previous report said he plans to address some new wiring standards such as ethernet; voice/PBX remain relevant but there are more options. IP and - fiber based technologies need more specificity, such as passive fiber, other IT standards including the wireless section need updates, as well as 5G.

Dr. Branker – Cybersecurity Section is evolving rapidly; he is working these issues in his FAA day-job, but our RTCA treatments must remain in public domain. The topic goes well beyond US borders, into the EU and UK as well as ICAO, but he reports that some commonality among (most) players is beginning to arise.

Mr. Kosatka, (SOC Section) along with Dr. Branker (Introduction) and Ms. Dores (Facilitation), continue to review added inputs from other sections to flesh out any additions or changes to their existing efforts.

7. Next Meetings:

January 27th 82nd Plenary
March 10th 83rd Plenary

8. Any Other Business:

Ms. Hofmann confirmed no revision to the TOR is needed at the current time. We are tasked for both DO-230L and DO-230M.

The meeting was adjourned.

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Art Kosatka
Secretary

CERTIFIED as a true and Accurate summary of the Meeting.

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Christer Wilkinson
Co-Chairman

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Alan Paterno
Co-Chairman