Summary of the Ninety-Fourth Meeting

Special Committee 224 Plenary

Airport Security Access Control Systems

The ninety-third meeting of SC–224 was held virtually on February 8, 2024.

Attendees included:

Christer Wilkinson (Co-Chair)	AECOM System Solutions
Art Kosatka (Secretary)	TranSecure Inc.
Djhanice Neric (GAR)	FAA
Karan Hofmann	RTCA, Inc.
Jonathan Branker	FAA
Kristina Dores	TranSecure Inc.
Suzanne Guzik	CTI Consulting/Burns Group
Walter Hamilton	IDTP
James McGuire	TranSecure Inc.
John Peace	FAA
Adam Shane	Los Angeles World Airports
Lars Suneborn	IDTP
Bill Tressler	FAA

SC-224 – Meeting No. 94
(February 8, 2024 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, as well as RTCA membership requirements. Dr. Wilkinson presented the agenda for today's meeting.

Ms. Hofmann reported that the text of DO-230M is now ready to be sent to the PMC. The Chair thanked Ms. Guzik for all her efforts in this regard.

2. **Approval of Previous Meeting Summary:**

The Summary for the Plenary #93 (December 7, 2023) meeting was reviewed and approved, save for two non-substantive typos which will be corrected prior to final posting.

3. TSA Report:

TSA was not present; there were no reports from the Chair or Ms. Guzik regarding TSA guidelines, or PARAS- 52 which focuses on strategic facilitation and arrivals issues but has limited specific technical information for the DO-230 document.

4. Terms of Reference:

Ms. Hofmann noted that Dr. Wilkinson and Dr. Branker spoke to the December PMC about our updated Terms of Reference. The PMC accepted the few changes and approved the next 2 versions which are now intended to close out in March of 2025 for a June 2025 release; then another to close approximately the end of 2026/27.

5. Version DO-230N Discussion:

Ms. Guzik is handling the 3-year-old procurement section and its associated checklist, to include some merging/linking to other sections.

Mr. Suneborn noted the access control section remains relatively stable, with facial recognition currently being demonstrated specifically to be approved for the TSA Qualified Products List (QPL), plus developments in mobile phone credentials. Some reader development is underway with a coded facial image. DFW is about to implement around 200 units. Also, there are plans to use TWIC facial recognition for local LEOs, seaports, and some land TWIC implementations. LAX is undertaking some similar applications.

Ms. Dores and Mr. Zoufal are scheduled to be on an AI panel for Passenger Terminal Expo in April in Frankfurt Dr. Wilkinson notes there are numerous variables among AI applications with radically different subsets, some of which may ultimately become of interest to complexities addressed by this committee.

Dr. Branker planed some updates/enhancement to his Cybersecurity chapter through his participation with various FAA, TSA, DHS and other government agencies and committees -- in particular, identity and access management, and cloning and spoofing of credentials. Mr. Kosatka noted the potential for considerable scope creep among our documents' purpose, including procurement, legacy system integration, HVAC and control systems, etc.

Mr. Hamilton noted his biometric section is relatively stable, although forward-looking trends need to be updated, not necessarily limited to access controls. Privacy advocates and some State entities are applying pressure for extended uses.

Mr. Shane reported he had no specific update plans for the Video section at this time, but volunteers to assist in helping to look for duplications and conflicts throughout the document.

Mr. Peace is currently working with PANYNJ on cyber issues; he will coordinate with Dr. Branker.

6. Additional Notes:

Mr. Peace contractually representing FAA expressed potential Committee interest in the FAA Cyber Initiative Project; Ms. Dores notes her own participation in that initiative, and both will coordinate with Mr. Branker for development of his two chapters [Introduction and Cyber], as well as certain related evolving topics that may arise.

There was a brief orientation/background discussion for the benefit of new member participants regarding the history of the document and such issues as scope creep, technology trends, RTCA processes, etc.

7. Significant Dates:

PMC   14th March 2024
Continue work on DO-230N   11th April (Plenary #95) (Changed from original)
Continue work on DO-230N   6th June (Plenary #96)

8. Action Items:

- Possible future additional text regarding pros/cons of various technologies, including AI, biometrics, other trends to assist the system designer and security management in long term upgrade to legacy systems.
- General future attention to cross-referencing similar/redundant information in various chapters, in particular to avoid conflicts when changes in one chapter may affect others.
- [*old item- rev.*] An RTCA administrative report to identify previous DO-230 document users/subscribers, for the Committee to better understand the audience we are writing for – OEM designers, regulatory trends, airport planning and design, systems not specific to the traditional concept of personnel access control but are nonetheless affected by and/or integrated with the ACS, and to identify parties who may _not_ have acquired it, or who may have acquired a much earlier version but whose interests may have dramatically changed during the 25+ year 13-version developmental history of DO-230.
- [*old item- rev.*] it is also unclear whether there may or may not be similar existing and potentially conflicting international/ICAO guidance, and if so, how/who to review/resolve any issues and/or coordination.

9. Secretary Related Note:

It is understood that throughout 13 versions of this document over many years and numerous co-authors and many new technologies and many policy revisions, changed regulations, and changing threat environments, there will not likely ever be a singularly total current iteration – each piece of which evolves on different schedules and under different conditions. There has been considerable discussion about how, where -- or if – this could be noted in each version. So far, no resolution, although RTCA PMC has authorized two additional versions. It is not clear if there is a view toward a "final" version", or possibly a merged document(s) with other guidance.

The meeting was adjourned.

-S-
Art Kosatka
Secretary
CERTIFIED as a true and Accurate summary of the Meeting.

-S-   -S-
Christer Wilkinson   Alan Paterno
Co-Chair   Co-Chair