



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

The eighty-seventh meeting of SC-224 was held virtually on January 26, 2023.

**Attendees included:**

Christer Wilkinson (Co-Chair)	AECOM System Solutions
Art Kosatka (Secretary)	TranSecure Inc.
Karan Hofmann	RTCA, Inc.
Kristina Does	TranSecure, Inc.
Lars Suneborn	IDTP
Walter Hamilton	IDTP
Suzanne Guzik	CTI Consulting
Don Zoufal	Crowznest
Adam Shane	Burns Group
Regrets:	
Alan Paterno	TSA
Jose Chavez	TSA
Jonathan Branker	FAA
David McGhee	R&B

**SC-224 – Meeting No. 88**  
**(January 26, 2023 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.

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

The Summary for the Plenary #87 (November 17, 2022) meeting was reviewed and approved. FRAC Review for DO-230L was completed. The document was approved by the PMC and has been published. There was later discussion of issues regarding recruitment of future committee members as well as possible international content and participation.

### **3. TSA Report:**

Mr. Chavez and Mr. Paterno were unavailable to provide a report on status of TSA activity.

### **4. Safe Skies Reports:**

Dr. Wilkinson stated on behalf of NSSA/Safe Skies that Intervistas has begun work on PARAS 0052: Implementing CBP's Airport Technical Design Standard document, with a first report due in approximately 3 months.

Ms. Guzik reported no significant progress on updates to PARAS-41 regarding UAM operations; Security Considerations for Urban Air Mobility (UAM) Operations at Airports.; it should have a final review in time for a Feb./Mar. release. There was discussion on the considerable lag time generally required for PARAS projects to move through the review and editorial processes.

### **5. Update on Development of DO-230M:**

Mr. Zoufal's Credentialing section group has held no recent meetings; he notes that visitor credentials will likely be an early consideration.

Mr. Hamilton agreed that credentialing and embedding of biometric capabilities in a card will likely be considered; the two will confer later today, but any such implementation probably won't be completed or published this year. The recently extended national Real-ID program remains an issue; as is a self-entry data kiosk for ID/badge application, (or potentially an online/home portal) which may not be TSA approved.

Mr. Suneborn noted prior completion of changes to the language of the Access Control chapter, including addition of guidance regarding mobile credentials. Use of data bases in the cloud specifically for access credentials remains under discussion.

He has been in development of a draft policy for TWIC acceptance; as well as a new QPL list which has at least 6 manufacturers, including for both land and sea applications. It was strongly emphasized that TWIC is an identification medium, not an access medium, and is typically misunderstood and is subject to the often very different laws, regulations, policies and operational practices of local and international environments.

There is also a new suite of documents under Special Pub 800-63.

- Part A deals with identity assurance level;

- Part B addresses authentications strength level;

- Part C considers Federalization, potentially spread throughout different organizations as well as possible discussion of international integration - Canada, Japan, and Australia have already expressed interest.

Mr. Hamilton's Biometrics section report noted that the ISO for Biometrics SC-37 semiannual meeting is coming up and he will add any relevant updates to standards to his chapter. Recent discussions contemplate adding biometric sensors directly to (specifically aviation) badges for authentication purposes with non-contact readers. The bio-template does not leave the card

(estimated at \$75 each) and the contactless reader is the same as those currently deployed so that only certain persons and/or areas would require re-badging, not an entire airport. A challenge is verification of the integrity of the biometric comparison process.

Mr. Shane's Video section is looking into newer compression technologies, bandwidth and latency issues and computer system requirements, as well as other non-access control issues which may (or may not) affect system-wide performance, stability and response as well as the SOC's real-time operational capabilities. Artificial Intelligence still needs more depth of analysis, particularly in such high-load areas as facial recognition: which feeds into related areas such as the cost of video system ownership, maintenance, staffing and cloud storage. He also pointed out the LAX experience of high cloud storage costs for video, possibly a consequence of the long duration storage.

As before, Mr. Kosatka points out that this RTCA committee document is titled as an access control standard, and many of the areas under consideration in the entire document are peripheral to that mission at best but may still require a minimum of explanation as to their potential impact on access. This document is the only (known) document in this realm, so any derivative approaches might be "adequately" addressed in the continually evolving ACS control context.

Ms. Dore's Facilitation section – Updates are currently underway regarding those CBP/facilitation issues that affect, or are affected by, the various levels of access control functions necessary to CBP's operations at international borders as well as concerns regarding integration and/or common use of certain facilities. This includes updates answering recent comments by the Chair to the 230L version, and coordination with the industry authors updating PARAS 0052 Implementing CBP's Airport Technical Design Standard: Planning and Design Considerations for International Arrivals Facilities.

## **6. Other Discussion Items**

There was general discussion regarding the potential for both domestic and international participation and coordination to develop a broader foundation for the content of this document.

It was noted that committee members at upcoming future industry conferences could be tasked with outreach not only for the Facilitation chapter, but ALL chapters, some of which currently need new leadership. In particular, the theme of the ACC/AAAE goes directly key issue of recruiting the next generation.



**Symposium Keynote: Attracting and Retaining the Next Greatest Generation**

**AND**



## 7. Further Discussion on Development for DO-230M:

During the previous two plenaries, the Committee noted suggestions to be addressed in 230-M:

- Video section continues to work on updates;
- Integration section has an update underway, include discussion of integration with current biometrics and with increasingly diverse and complex legacy systems;
- Procurement section requires an update and new chair;
- Facilitation section has an update underway; Ms. Dores monitors AAAE and PARAS positions ;
- Communications section badly needs updates and new leader;
- Potential for some perimeter issues (first responder, etc.) Reviews must constantly watch for any ties to ACS.
- Mr. Kosatka will add to SOC section; Dr. Branker will add to Introduction as they continue to evolve;
- Artificial Intelligence – has potential for all sections;
  - Mr. McGhee characterizes it as merely data analysis and pattern recognition, reliance on machine learning algorithms -perhaps a small item in each *relevant* section regarding potential.
- Buy America for procurement section; need a volunteer
- Situational awareness - related to integration;
- NOTE: A supplemental compilation of SC-224 Leadership discussions will be posted in AerOpus for reference.

## 8. Next Meetings:

March 23<sup>rd</sup>    89<sup>th</sup> Plenary  
May 18<sup>th</sup>    90<sup>th</sup> Plenary

The meeting was adjourned.

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Art Kosatka  
Secretary

**CERTIFIED** as a true and Accurate summary of the Meeting.

-S-

Christer Wilkinson  
Co-Chairman

-S-

Alan Paterno  
Co-Chairman