

**Summary of the Seventy-Fourth Meeting**  
**Special Committee 224 Plenary**  
**Airport Security Access Control Systems**

The seventy-fourth meeting of SC–224 was held virtually on January 28, 2021.

**Attendees included:**

Christer Wilkinson (Co-Chair)	AECOM System Solutions
Jose Chavez (Acting Co-Chair)	TSA
KL Dores (Acting Secretary)	TranSecure Inc.
Djhanice “DJ” Neric (GAR)	Federal Aviation Administration
Karan Hofmann (Program Director)	RTCA, Inc.
Gary Davis	MWAA
Adam Shane	LAWA
Jonathan Branker	FAA
Don Zoufal	Crowznest
Lance Ferrell	M2P
Kevin Emden	M2P
Suzanne Guzik	Burns
Jim McClay	AOPA

Regrets:

Art Kosatka	TranSecure Inc.
Lars Suneborn	IDTP
Jeanne Olivier	PANY/NJ (Ret’d)

**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 73 (December 10, 2020) meeting was approved.

**3. TSA Report:**

TSA representation to report agency status or activity. No direct remarks at this time.

#### 4. Document Distribution:

No updates to report.

#### 5. Sage Skies reports

The Chair noted various Safe Skies reports due out in the near future:

- *PARAS 0023 Exit Lanes Strategies and Technology Applications* (due in March)
- *PARAS 0025 Security Regulatory Compliance at Tenant Facilities*
- *PARAS 0028 Revision of PARAS 0004 Recommended Security Guidelines for Airport Planning, Design, and Construction* (due next month)
- *PARAS 0030 Guidance for Access Control System Transitions*
- *PARAS 0043 Security Operations Center Planning and Design*

#### 6. DO-230K Discussion:

The Chairman asked for updates on the various Sections.

**Mr. Hamilton** has uploaded his most recent Biometric section draft and noted changes to 3.1.6 Recent Technology Advances and referenced recent NIST studies on facial recognition progressing with concerns surrounding mask-wearing versus accurate captures. In 3.9 *Future Biometric Trends*, testing with simulated face masks, NIST has reported that AI-adjusted algorithms have improved capture rates from 77%-93% due to better emphasis on the ocular area recognition.

**Mr. Chavez** confirmed that a pertinent HSSAI report once referenced on the HSIN has been removed, and will confer offline with Mr. Hamilton on other developments. After minor corrections, an update will be posted to the RTCA worksite.

**Dr. Branker** reports Cyber Security §§1.6 will include references to the Civil Air Navigation Services Organization's (CANSO) Risk Assessment Guides. The Solar Winds large-scale hack progression beginning in Dec. 2019 was described which eventually affected numerous government, commercial and international bodies until discovered in late 2020. This will lead to yet another revision to *NIST SP 800-53: Recommended Security Controls for Federal Information Systems, 5<sup>th</sup> Revision* as well as to *NIST SP 800-37: Guide for Applying the Risk Management Framework to Federal Information Systems*. Airport operators are urged to establish cybersecurity programs, update them biannually, and continually track and monitor activities. *NIST Cybersecurity Framework* (§§1.4) and the Conclusion (§§1.8) are underway. The Section is meant to provide guidance rather than impress regulatory language. Baseline recommendations are included ranging from 'invest in people' to establishing incident response plans, drills, and exercises, to acquisition threat intelligence based on DHS CyberSecurity and Infrastructure Security Agency (CISA) and the European Union Agency for Cybersecurity (ENISA) guidelines.

**Mr. Chavez** indicated that the TSA is working on standards-type language in an Information Circular for airports, and asked if there was any intent to promote the addition of a cybersecurity section into the Part 139-required Airport Emergency Plan (AEP) to include tabletops, drills, and

exercises. The DO230 document is intended as guidance. The text will vigorously urge airport operators to seek independent risk assessment testing of their systems and to develop metrics on system performance. The Chair reminded that not all airport operators are entirely independent of their municipal overseers and their evolving IT system infrastructures, and referred the Committee to the *PARAS 0007 Quick Guide for Airport CyberSecurity* for further information. Ms. Dores will contact Dr. Branker offline to discuss recent government-airport cybersecurity symposia.

**Mr. Ferrell** discussed his most recent *Section 8: Integration* draft now uploaded to the online workplace regarding trends, planning tips, and a checklist, and requested comments from the Committee.

**Mr. Shane** discussed his December version of *Section 6: Video*, has since been downloaded over 30 times, and now includes recording systems, storage types, physical camera component types, video analytics and apps, AI aspects, lighting, IT and networks, cybersecurity, virtualization, and standards. Mr. Hamilton inquired as to any inclusion of video analytics re facial recognition biometrics. Mr. Shane has included non-biometric surveillance systems such as for crowd formation / dispersal and muzzle flash capabilities and will discuss FR with Mr. Hamilton offline. **Mr. Chavez** inquired whether frames-per-second (fps) law enforcement standards requirements were addressed. Mr. Shane agreed to review ALEAN forensic guidance regarding high-resolution, frame rates, watermarking methods, etc. as might pertain to video admissibility in court.

**Mr. Emden** discussed his latest draft of Section 10: Procurement seeking identification of any security program funding sources (other than federal) for airport operators. Ms. Dores offered the California Office of Emergency Services (OES) [<https://www.caloes.ca.gov/cal-oes-divisions/>] as an example. Mr. Emden will do a final read-through prior to uploading the draft.

**Mr. Zoufal** presented on his update to *Section 2: Credentials* mentioning that new Central Registry Requirements regarding due process and privacy notices (as will be a matter of public record and will not violate SSI) will become effective 21 April 2021. He will call Mr. Chavez offline regarding security training issues. Mr. Zoufal's final draft will be ready for the next review. Meanwhile, he will review the new Privacy Act Statement (PAS) in the Centralized Revocation Data Base as suggested by Mr. Hamilton. Mr. Zoufal will also review the Chair's comments for his draft final document.

**Ms. Dores** reported on the new *Section: Facilitation* indicating that due to the severity of COVID-19 impacts on FIS operations, CBP sources, as well as international authorities, are avoiding discussion regarding their technical standards last updated in 2016. Otherwise, the document is nearly 90% complete and Committee colleagues have offered to assist in offline conversations over the next two weeks. The Chair suggests that if the Section is not yet completed, we may need to postpone its debut to the next edition.

**Mr. Zoufal** stated that the 'excellent' *PARAS 0025 Security Regulatory Compliance at Tenant Facilities* report is due out by end of February and suggest that its subject should be considered for inclusion in the DO230 document. The Chair and others recall the topic having been raised many times since 2003 – particularly with regard to tenant security arrangements and exclusive use areas, but due to the complexities involved at each airport, it has not been included. Given airport operators and their tenants are required by *49 CFR 1542.113, 1542.211, and 1542.213*, to

meet / exceed ASP requirements, this should be considered. [In the absence of Mr. Kosatka, several members recalled the comment ‘scope creep’ was bandied about.]

**Following Meetings:** The next meeting sessions are:

18 March 2021 – 75<sup>th</sup> Plenary: Draft Final document

22 March 2021 – FRAC process begins.

20 April 2021 – FRAC comment period ends.

29 April 2021 – 76<sup>th</sup> Plenary: Committee adjudication of comments & finalization

Ms. Guzik stands ready to review draft finals as uploaded prior to the 75<sup>th</sup> Plenary.

**Any Other Business:**

The Chair queried the changing of the current RTCA Workspace app, and Ms. Hofmann stated it would occur gradually depending on the urgency and preparation status of each group, and likely across February / March 2021. She is not yet sure how much of the prior document archives will be retained and the Chair urged the Committee to review the library prior to the next Plenary.

There being no other business – other than Mr. Kosatka being missed - the meeting was adjourned.

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(KL Does) for Art Kosatka /

Secretary

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

-S-

Christer Wilkinson

Co-Chairman

-S-

Alan Paterno

Co-Chairman