

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

The sixty-first meeting of SC – 224 was held January 17, 2019 at RTCA, 1150 18th Street, N.W. Suite 910 Washington, D.C. 20036 and was attended in person and / or via telecom/ WebEx*.

Attendees included:

Christer Wilkinson (Co-Chair)	AECOM System Solutions
Art Kosatka (Secretary)	TranSecure Inc.
Jonathan Branker	Concern Citizen
Colleen Chamberlain*	American Association of Airport Executives
Gary Davis*	Metropolitan Washington Airports Authority (MWAA)
Kristina Does	ICAO/TranSecure, Inc.
Suzanne Guzik*	CTI Consulting
Walter Hamilton*	ID Technology Partners
Karan Hofmann	RTCA, Inc.
Steve Howard	AppianLogic
Jim McGuire	TranSecure Inc.
Mike Pilgrim	Dynamis
Nobuyo Sakata	Aircraft Owners and Pilots Association
Lars Suneborn	Smart Card Alliance
Colby Walker*	CTI Consulting
Don Zoufal	Crownznest

SC-224 – Meeting No. 61
(January 17, 2019 Meeting)

1. Welcome and Administrative Remarks

Ms. Hofmann opened the meeting with the reading of the Anti-Trust Requirement, RTCA Proprietary Policy and Membership Policy and relevant exemptions.

There was a reminder that NextGen Advisory and Drone Advisory Committees were no longer part of RTCA – they are run directly by the Federal Aviation Administration.

Dr. Wilkinson presented the agenda for today’s meeting.

2. Approval of Previous Meeting Summary:

The Summary for the November 15, 2018 meeting minutes was approved with one addition of adding Ms. Guzik's name to the attendee list.

3. TSA Report:

No comments from TSA.

4. Report on the New Guidelines and Safe Skies Reports:

Mr. Kosatka provides briefing on status of TSA/NSSA 0004 Guidelines (RFP for update to be issued soon) and 0017 Access Control Card Technology (mid-project review meeting tomorrow; 2-3 months to completion).

5. Document Distribution:

Due to holiday schedule, the discussion between Ms. Colleen Chamberlain, Ms. Olivier, and Ms. Hofmann has not yet occurred regarding the DO-230I and future (DO-230J) document distribution.

6. DO-230J Discussion:

Per Ms. Guzik, Mr. Colby Walker of CTI will assist with video section; he provides his own introduction and 25-year background in IT.

Mr. Zoufal briefed on status of updates to his chapter on credentialing, to include information on best practices for audits.

Mr. Suneborn provides a similar status report for chapter 4 briefing on access control technology. He notes that the commercial side of the industry is stable; not much recent development has occurred, although one major software provider is working on development for compatibility. On the Federal side, more manufacturers are submitting applications to be included on the Approved Product List (APL), and many are moving to their own platforms.

Ms. Sakata presents the AOPA proposal for GA pilot access thru FBOs– essentially a one-time “code”. Mr. Suneborn discusses various technology issues, supported by Mr. Kosatka, who suggests there may be a model in the Known Crew Member access program. – they note that technology solutions are available now, but no regulations, policies and procedures are in place for background checks, airport acceptances, issuance of permissions for pilot and passengers, , management of a nationwide system, immediate terminations and related issues. AOPA states TSA has approved only one (unnamed) airport to date; most of the questions coming in are from smaller airports. Mr. Kosatka notes that the issue is largely a business concern, but in this instance, it becomes a security concern because of the regulatory constraints on airports for access. Ms. Sakata will provide the committee with data collected by AOPA to inform future discussions. General discussion suggests perhaps RTCA 230 should at least provide a brief summary of the

concept just to alert the industry that the issue is under consideration; although RTCA 230 may not be the ultimate location for resolution and/or standards.

Mr. McGuire noted that new Master Specs are expected by next year, including portal/door specs that may differentiate between being a door or an IT element. Mr. Suneborn will research and report at next meeting.

Mr. Suneborn noted the Secure Technology Alliance and Identification Technology Partners are doing a certification program for systems and people for Federal PIV; Mr. Howard discusses a DHS program for certification

Mr. Zoufal briefed his new draft for the credentialing chapter, noting that the original was written before there was much automation in the industry. RapBack (also known as “continuous re-evaluation”) is not yet required, but about 25% of airports are using it, and is likely to be required in a few years. This edit provides lots of re-arrangements of materials and individual updates; he will meet his deadline of May 2019, although the Chair requests a rough draft by next meeting on March 14th for discussion. Mr. Hamilton offers to be conduit to TSA’s Mr. Conrad who runs the program, which currently has about 158 participating agencies, 465,000 subscriptions. Mr. Howard offers some assistance.

Mr. Hamilton briefed changes on his new Chapter 3 biometrics draft: it is fairly mature – the standards portion, and the trends/advancements were the target for clean-up. ISO leadership is expected to be involved after their current meeting in Chile; Mr. Davis of MWAA is now on this team for an airport perspective. Discussion continued on facial recognition accuracy having recently improved 20-25% or more due to learning networks, according to a new NIST report. Another TSA report is SSI, may not be available to this committee

Mr. McGuire noted that Artificial Intelligence is moving fast; should be added to sections on trends – it puts ACS in jeopardy because spoofing and morphing are getting much easier to do. One example: Some countries allow mail-in photos for passports, which then can also be morphed to recognize two different parties. Mr. Zoufal suggests mention of other non-access issues such as surveillance and attack vectors and noting that the planning/design process may have a 3-year lead time. The biometrics and credentials sections will look at potential to coordinate such information.

Ms. Guzik reminded the committee that for editorial purposes, we must make very clear what cross references go to/from where, both internally and externally, and provide precise sourcing targets – not just “cite Ch. XX here”

Mr. Pilgrim discussed his procurement section, which has not been updated for about three iterations. He has addressed the procurement process, relevant Federal and local regulations, who should be involved, what steps to take, the life cycle/life span issues, and best practices, among others. GSA lists are now being totally redone and merged; Mr. Suneborn and Mr. Howard will assist in these issues. Mr. Pilgrim is also pursuing some use cases at OKC, MCI, SFO, LAX, CLE, and perhaps some GA airport(s).

Ms. Dores presented a white paper on facilitation issues for possible inclusion. (attached). Discussion suggested this is out of scope for this document, but perhaps could provide a brief summary for next year (too late for adding this year) just to alert readers to the issues – it could conceivably concern some safety issues, or when FIS facilities are shut down and the airport temporarily “owns” the access.

Mr. Howard noted that TSA’s new cybersecurity guidelines, based on NIST 800-63B are not (yet) a requirement; he is seeking collaborators to address these issues in the airport environment to develop a position.

Mr. Wilkinson provided a briefing on Mr. Wheaton’s communications section, which are only very many edits of existing material, not a full rewrite. Discussion regarding whether 5G may only be available in high density areas, due in large part to the need for similar high-density infrastructure which may not be available in rural areas.

7. Action Items:

Ms. Guzik and Ms. Hofmann will coordinate a meeting to discuss format and management of DO-230J.

Follow up discussion between RTCA and AAAE for DO-230 distribution.

8. Additional Discussions

Mr. Branker is congratulated for his recent marriage.

9. Following Meetings:

- March 14, 2019 – 62nd Plenary
- May 9, 2019 – 63rd Plenary

10. Any Other Business:

There being no other business 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