

**Summary of the Forty-Sixth Meeting**

**Special Committee 224**

**Airport Security Access Control Systems**

The forty-fourth meeting of SC-224 was held February 2, 2017, 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
Jonathan Branker	Federal Aviation Administration
Darren Bain*	RightCrowd
Kristina Does*	Namibian Aviation Authority
Walter Hamilton*	ID Technology Partners
Karan Hofmann	RTCA, Inc
Jim McGuire*	TransSecure
Jeanne Oliver*	Port Authority of New York and New Jersey (PANYNJ)
Nobuyo Sakata*	Aircraft Owners and Pilots Association
Jay Romlein*	CSHQA
Leonard Wood	Citizen

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In accordance with the Federal Aviation Advisory Committee Act, Dr. Jonathan Branker, Federal Aviation Administration (FAA), was the Acting Designated Federal Officer for this meeting.



**SC-224 - Meeting No. 46**  
(February 2, 2017 Meeting)

**1. Welcome and Administrative Remarks**

Dr. Branker read the DFO administrative statement; Ms. Hofmann addressed the RTCA proprietary information statement and RTCA membership policy. The Chairman presented the agenda.

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

The Summary for the December 13, 2016 meeting was approved without changes.

## **3. Expanded Document Distribution**

RTCA continues to pursue alternatives for distribution with National Safe Skies Alliance (NSSA) withdrawal from RTCA membership.

## **4. Transportation Security Administration (TSA)/NSSA Guidelines Update Report**

Provided by Mr. Kosatka: “Any day now”, NSSA has requested several minor fixes in recent weeks, and also states “soon” in their monthly newsletter.

## **5. DO-230H Discussion**

- Section Chairs:
  - Mr. Reid, Mr. Beningson, Mr. Zoufal, Mr. Keegan, and Mr. Pilgrim – Chapter chairs have missed 3 successive meetings; Chairman Wilkinson requests them to be removed.
  - Mr. McGuire will now Chair Integration
  - Ms. White volunteered for Credentialing Chair
- Video Section: Mr. McGuire

Mr. McGuire and Chairman will discuss changes to the Video section off-line – lots of technology has matured, but not much else to be developed in the section. Video is likely to be a dominant issue for a long time. Chairman will establish a working group (Feb 9th); open participation.

Overall Issues:

- We are reminded that this document version is a partial update, not a full rewrite -- However it’s also a standard which must be consistent throughout. (May 2017 is the deadline.)
- Need to check on old acronyms throughout the document, e.g. PACS/ACS. Possibly compare glossaries of 2 documents – they are intentionally parallel, so they should track very closely, both internally and between the two documents.

- Mr. Kosatka will provide both for review; not yet clear regarding a process that resolves any inconsistencies, and if so, which prevails.
- Once credentialing is scrubbed, will need to identify and prioritize which chapters need the most work to update
- Ms. Dores raises the issue of whether this version should refer the reader back to earlier versions where, for example, legacy systems may be based on outdated technology discussed in earlier versions. Attendees recall this caveat already exists, possibly in the introduction chapter; Dr. Branker will check. Caveats on the use of old versions should be added.
- Mr. Kosatka suggests that every chapter has a “trends” section which now requires review – issues that were previously just trends may now be full-fledged realities, may have changed their concepts significantly, or may have disappeared altogether. Chapter chairs should check.
- Communications: Mr. Romlein discussed his initial changes:
  - Many editorial/grammatical changes
  - Acronyms such as Man In The Middle (MITM), Federal Information Security Management Act (FISMA), Infrastructure as a Service (IASS) (which is used in the document, but not much elsewhere in industry). This and other chapters should be reviewed for current usage (see acronym review, above).
  - Mr. McGuire offers to edit portions of his original 2011 version, much of which is now OBE.
  - Discussion that some old terms and acronyms are often referenced in RFPs and in risk mitigation deliberations – they should stay, but not clear if they are necessary at the airport planning level.
  - Cable management and cable administration (labeling); need clarification of the difference between the two - some airports have virtually no useful processes at all - don’t know what’s in the ground - poor (or no) as-builts are common; it is typical to have to verify, document and label each wire at the beginning of a project.
  - Section 1.9.3 needs updates; current data on OC 3-4-5 is not yet included - Generally lot of updating required.

- Vigorous discussion ensued. In the interest of time, the balance of discussion on the balance of relatively small edits were deferred until Mr. Romlein can accommodate Mr. McGuire's markups.
- Universally Unique Identifier (UUID) in Picture Archiving and Communication System (PACS):
  - Mr. Hamilton notes Mr. Suneborn's submittal of changes regarding UUID. Several attendees suggest this is overkill. Mr. Hamilton believes it is being positioned as an Annex; so far, PANYNJ may be the only entity pursuing a common numbering system for its interoperability project.
- Perimeter
  - Ms. Olivier reports no recommended changes or actions to the perimeter chapter, because there has been no response to the request for input. Mr. McGuire suggests inclusion of Light Detection and Ranging (LIDAR) for perimeter security and for autonomous vehicles – Ms. Olivier will check on ability to do so.
- Retained Applicant Fingerprint Background Check (Rapback)
  - Ms. Olivier reports that RAPBACK MOUs are now available to airports, and are already being executed/ trained at SRQ, DTW, PANYNJ and others; Mr. Hamilton confirms. Some discussion about if an employee is enrolled in RapBack, a 2 years CHRC is redundant unless there has been a job change.
  - Mr. Kosatka notes that TSA recently spoke publicly that an RFP would be issued "soon" regarding possible changes in the list of 28 CHRC crimes. Noted that CBP/FIS violations may be altogether different, and some airports have State and local requirements as well. One Cat X looks for "patterns" of activity; some look at multiple DUIs to deny driver privileges. In general, the Airport has the discretion to issue or not issue a badge based on other criteria, TSA regulations only say who NOT to issue. There are also other considerations in right to work states. The Chairman will check on the RFP.
- Recent Public events
  - Ms. Olivier lead a discussion on security of public areas pursuant to relevant recent events – TSA has convened a "summit" to discuss what to do, short of issuing regulations. A third session is scheduled next week at TSA. Former

DHS head Johnson has suggested large airports should have consolidated SOCs staffed 24 hours. Airports disagree.

- It was not presented as a requirement, and is not likely to affect this document (yet). Discussion regarding at what point should screening begin - out to the street and beyond? Noted that this sterile terminal concept simply shifts the location of the target, perhaps making it even more vulnerable for shooters and Vehicle Borne Improvised Explosive Devices (VBIEDs). Dr. Branker should reference the concept in the Intro section.
- Funding for Security
  - Mr. Kosatka notes recent news articles regarding Trump Administration threat to cut off funding for sanctuary cities and for approximately 110 Essential Air Service (EAS) airports. While not a specific issue for this standards document, such cuts would affect all infrastructure development, as well as the ability to receive AIP and PFC funds; potentially restructure the system whereby other airports, including GA, might develop and/or shift carrier service to become mini-hubs, requiring a massive and immediate influx of funding to upgrade security. This can be mentioned in the introduction and/or trends, perhaps as a potential trend that would significantly affect planning and design of airport security systems in the mid/long term.

## **6. IOUs/action Items from meeting:**

- Once credentialing is scrubbed and updated will need to identify and prioritize which chapters need the most work to update.
- Mr. Kosatka will provide both glossaries for acronym and usage review.
- Need better explanation of multi-tasking; Mr. McGuire will offer.
- Mr. McGuire to mark-up 2011 version of Communications, much of which is now OBE.
- UUID and other portions of PACS and Credentials Suggestion to move to appendix, possibly to infrastructure, but not retain in this chapter. Dr. Branker and Mr. Wilkinson will check.
- The balance of small edits on Video and communications be deferred until accommodation of Mr. McGuire's markups.

- Whether this version of DO-230 should refer the reader back to earlier versions -- this caveat already exists, possibly in the introduction chapter; Dr. Branker will check.
- Mr. McGuire suggests inclusion of LIDAR for perimeter security and for autonomous vehicles – Ms. Olivier will check on ability to do so.
- At what point should screening begin (regulatory issue)? Sterile terminal concept simply shifts the location of the target. Dr. Branker should reference the concept in the Intro section.
- All “trends” sections now require review – Chapter chairs should check.
- TSA has announced an RFP “soon” regarding 28 CHRC crimes. The Chair (and others) will monitor for the RFP.
- EAS airports funding - while not a specific issue for this standards document, such cuts would affect all infrastructure development - mention in the introduction and/or trends, as a significant effect on planning and design of airport security systems.

**7. Issues remaining from previous meetings – may have already been addressed**

- Need to update some American National Standards Institute (ANSI) references
- PACS section should look at smart phones as access credentials
- Mr. Newman – IoT (everything related to internet) – airports don’t necessarily go out to the larger Internet but do receive input from multiple sources

**8. Date and Time of Next Meeting**

- The next plenary to be held Thursday, March 23, 2017 at RTCA.
- Next video working group: Feb. 9th, 2017

**9. 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