

**Summary of the Thirty-First Meeting**

**Special Committee 224**

**Airport Security Access Control Systems**

The thirty-first meeting of SC-224 was held March 5, 2015 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*	CGH Technologies, Inc.
Colleen Chamberlain*	American Association of Airport Executives
Kristina Does*	ICAO
Walter Hamilton	ID Technology Partners
Joe Hebert*	Federal Aviation Administration
Michael Keegan*	General Mitchell International Airport
James McGuire*	TranSecure International, Inc.
Harold Moses	RTCA, Inc.
Jeanne Olivier*	Port Authority of New York & New Jersey
Bob Prahl*	Boise Airport, City of Boise ID
Charles Reed*	Parsons Brinckerhoff
Jay Romlein*	CSHQA
Lars Suneborn	Smart Card Alliance
Len Wood*	TranSecure, Inc.
Don Zoufal*	System Development Integration

Note: Due to the length of the meeting not everybody was on line all the time.

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In accordance with the Federal Aviation Advisory Committee Act, Joe Herbert, Federal Aviation Administration (FAA), was the Designated Federal Officer for this meeting.

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**SC-224 - Meeting No. 31**  
(March 5, 2015 Meeting)

**1. Introductions etc.**

- Mr. Hebert provides official committee announcement
- Mr. Moses provides proprietary references policy announcement
- Section 508 requirement question was briefly discussed; is now presumed to be “voluntary” to other than government organizations
- The chairman thanked Hal Moses for coming in and opening the RTCA office in such inclement weather.

**2. Previous Minutes**

The previous plenary minutes were approved without change

For next “F” document, a reminder from the Chair that all changes should/MUST be provided with changes showing for the review – we have to see what/where they were made – they can be accepted later, after review and approval.

**3. TSA Report**

No TSA report – government closed today.

**4. Safe Skies**

No report due to the indisposition of Charles. The Chairman asked for his current status and it was indicated by Ms. Olivier that multiple procedures have been done, but there was a positive outlook.

Hal reported that RTCA has sent flowers and the Chairman personally expressed his concern and best wishes, and this was supported by all attending members.

**5. TOR Revisions Presented by the Chair**

The inclusion of operational content additions is likely to be delayed due to the previous administrative error, and deliberation of the credentialing section is also postponed as this cannot be complete by the planned PMC meeting.

It is proposed to have this and the checklists, as version “F”, potentially this winter. This could impact other referential sections such as glossary, TOC, appendices, introduction, etc. changed. A full review will left to version “G” scheduled for next year.

## 6. Sections Review

Due to the anticipated length of the meeting a schedule was prearranged to allow people to call in. This required adjustments “on the fly” due to weather delays everywhere on that day.

*Suneborn: PACS*

- Following an extensive prior rewrite in the previous version, not much to be added at this time.’
- Discussed new technology reader – all self-contained, with 1/2/3 authentication factors – has its own data base and processing capabilities, and its own controller unit. Two pages of content reviewed and accepted.
- These units may be programmed locally and operate stand-alone.
- No other changes – section now complete. Will be sent to Chair for posting

*Hamilton: Biometrics*

- Previous minor updates have all been approved to date; only a few new ones now up for review. Mostly unchanged from 230-D. Discussion of the term “inherence” factor, which although somewhat formal usage, was agreed to be correct by all present.
- There have been legislative and regulatory language changes to adjust for privacy considerations, Including Federal –the wording was adjusted to make it to a significant extent “future-proofing” ; this includes cybersecurity, which is both a security and a privacy issue.
- Mr. Hamilton provided an end-of-chapter checklist for the biometrics section. While it shall not be used in “E”, (since other authors did not provide one in time for their chapters), this one is an excellent example and model for future chapters in “F” and beyond
- Document to be provided to the chairman by the weekend.

*Zoufal – Integration*

- Footnotes will be moved back into the body of text, as long as content is the same. It was felt they were distracting from the body. He will replace all of them in the body of text, where they previously had been approved.
- Fig 8-2 originally from “C” version was thought to require some adjustments, but deemed too late to modify –for this cycle will go into “F”, which is now thought to be in a December partial upgrade, along with Credentialing. McGuire and Zoufal will coordinate for this release.
- New section 8.4 new text and new graphic... also to be postponed for “F”

- Vehicles monitoring and exit lane technology not yet in scope; It was agreed that this will be removed from this version and McGuire, Suneborn, Hamilton will review and revise.
- Integration / interoperability language added by Olivier revised... when upgrading, everybody has to remain up to date on all new versions of software, hardware and systems, etc., some of which may not be compatible with legacy systems or interfere with new systems or with each other.
- Three paragraphs of text added and approved: to be provided to the chairman this weekend.

*Kosatka – SOC*

- It was reported that there were no changes to SOC Section 7, to discuss, pending any changes to Branker introduction changes

*Branker – Introduction*

- it was agreed that there a no additional changes, some minor/grammatical fixes, pending any last-minute comments

*Keegan – CCTV*

- Relatively minor revisions throughout, some grammatical, minor explanatory additions. There were no objections.
- Discussion of license plate recognition; whether it belongs here in an access control document – there is no nexus of license plate (or vehicle)-to-driver, where access permissions reside.
- It was noted that many airports use LPR on the terminal roadway. The issue of whether vehicular access is in scope was raised again, and the chairman pointed out that this issue had been raised many times previously and was rejected, but it should be considered again, but not now, but at the next major document rewrite: potentially “G”
- Does confirmed there are several references to LPR in the document, so it is retained for now, pending further comment.
- Version to be provided to Chairman by Weekend.

*Olivier: PIDS*

- No substantive changes since last review.
- Detailed discussions of Safe Skies-assisted RTCA survey. There were 66 respondents - Detailed analysis provided, including lessons learned. A summary was approved for insertion in the section.
- This survey will also be useful for upcoming TSA design guidelines revisions; the Chairman suggested that it be made available in its entirety on the RTCA web site. Hal Moses concurred but this needs coordination. The chairman agreed to coordinate with Hal in finding an appropriate mechanism to handle these surveys.

- Review of some old bibliographic references which are now no longer available or changed.
- The changes were approved and will be sent to chairman by the weekend.
- The chairman thanked Ms. Olivier for her efforts and she indicated that we should also thank Safe Skies who ran the survey. The chairman agreed.

*Reed/Romlein* – Communications / Cybersecurity (Mr. Reed was acting on behalf of Beningson)

Note: the new cyber security material was due to be inserted in the communications section, so these two areas were discussed together.

- Generally the existing chapter communications is in good shape, not many changes
- Slight revisions in the need for a ConOps – and general discussion of how the term ConOps (and others) should be “normalized” throughout the document. The changes were approved.
- There was a discussion on issues such as VOIP, wireless and cellular, trunked systems, things to be generally aware of for designer at an airport. The material was reduced to a form more appropriate for a standard.
- The issue of where to insert the new cybersecurity material was discussed. In Section 9.4 - threats language is retained as-is for now, being related to cyber issues, but still may require changing in the next cycle. It was decided to insert the new cybersecurity language inserted into this section.
- There was discussion of 9.4.1 of more “official/reliable definition than “Wikipedia” should be made available; language to provide by Hamilton/Dores from official sources for inclusion in the glossary and at first mention.
- Existing network security and cybersecurity language in “D” document is unchanged, but further review and comment depends on how other new sections treat the issue
- On communications, there was a discussion of Cat 5 as a class, not sub-class – determined to leave as is. Also it was decided to add language on managed mid-span devices, network switches, and corrected the absence of TIA 569B standard.
- It was agreed that Data center requirements differ from TRs; this should be expanded in the next version
- Many small adjustments in the document were made throughout – in style to be as a standard, some “excessive” phrases removed approved.
- Discussion of CYBER security vs. generic network security – people need to know the differences and the consequences of each. It was decided to leave the explanation as is and modify it in the next cycle.
- “Bluetooth” was discussed as a potential source of interference. It was included in the existing section but without much detail. It was pointed out that NFC was now the

dominant technology for short range applications. Additional information could potentially be added in the “G” version of this document.

- Agreed version to be sent to the chairman by the weekend

*Procurement – Reed (acting on behalf of Beningson)*

- Generally minor corrections, added some missing alternative references; several adjustments to language, none major
- RFI/RFP list re-ordered and content adjusted to reflect appropriate sequence of occurrence, noting the differences among them.
- Agreed changes to be sent to the chairman this weekend.

*Glossary etc: Does*

The need to update the glossary, check references and format was also identified. As this involves no significant semantic change, this will be done over the next few weeks.

The chairman thanked Mr. Reed for reporting on both his and Mr. Beningson’s sections. Next plenary meeting April 9<sup>th</sup> solely for credentialing section and any comments on other sections already submitted

## **7. Time and Date of next meeting**

This was agreed to be on the 8<sup>th</sup>.

However just after the meeting it was determined that the credentialing section leader had a conflict and as this was the prime subject of the next credential, the following day was solicited.

This potential change was circulated to all attending members by E mail, and no objection being raised the date was changed to the 9<sup>th</sup>.

## **8. Any Other Business**

There being no other business the meeting was adjourned.

-S-

Art Kosatka

Secretary

**CERTIFIED** as a true and accurate summary of the meeting.

-S-

Christer Wilkinson

Co-Chairman