



EUR 307-22 / WG72-163
RTCA Paper No. 242-22/SC216-136

Saint Denis, 22 September 2022
Washington, 22 September 2022

**EUROCAE WG-72 Plenary Meeting #67 / RTCA SC-216 Plenary Meeting #58
“Aeronautical Systems Security”**

Date	23 May 2022 8:00am – 10:45am Eastern 1400-1645 Central Europe
Place	Virtual Meeting-Webex instead of EUROCAE
Hosted by	EUROCAE

Attendance:

	Contact	Organisation	23th May
	Adrian Waller	Thales	x
	Aharon David	A. D. Ventures	x
AC	Alain Combes	Airbus	x
	Andrew Drake	NetJets	x
AB	Andy Boff	Egis Aviation	x
	Angeliki Karakoliou	EASA	x
AG	Anna Guegan	EUROCAE	x
	Armelle Gauthe	Airbus	x
	Bradyn Schult	BAH	x
CR	Cyrille Rosay	EASA	x
	David Chen	FAA	x
DP	David Pierce	GE	x
	Dongsong Zeng	MITRE	x
	Ed Hahn	ALPA	x
	Felix Meier-Hedde	Airbus	x
FD	Frederique Dauvillaire	Thales Group	x
	Garv Stephenson	Wisk Aero	x
	Gilles Descargues	Thales Group	x
	Hugo Teso	Emirates Airlines	x
	Jakub Kunat	Helios	x
	Kanwal Reen	UTC	x
	John Flores	FAA	x
KH	Karan Hofmann	RTCA, Inc.	x
	Kevin Myer	Textron	x
KL	Kristof Lamont	EUROCONTROL	x

	Marcus Labay	FAA	x
	Mariusz Pyzynski	IATA	x
	Mark Kelley	AVISTA	x
	Marty Reynolds	A4A	x
	Matthieu Willm	Dassault Aviation	x
	Mickael Sabelle	Collins	x
	Mitch Trope	Garmin	x
	Mohammed Waheed	Aviage Systems	x
	Paul Dunlap	Airbus	x
	Philippe DeJean	Safran	x
	Phillip Watson	Panasonic Avionics	x
	Renuka Chitikesi	Honeywell	x
	Roberto Wagner	SITTI	x
	Rosemberg Silva	ANAC Brazil	x
SM	Sam Masri	Honeywell International	x
	Sergiu Marzac	Boeing	x
SN	Siobvan Nyikos	Boeing	X
SS	Stefan Schwindt	GE Aviation	x
	Ted Kalthoff	National Institute for Aviation Research	x
	Ted Patmore	Delta Airlines	x
	Thomas Parmer	FAA	x
VK	Varun Khanna	FAA	x
	Will Gonzales	FAA	x
	William Trussell	IFR	x
	Xylene Gonzalez	ALPA	x

Introductions

- CR chaired meeting
- A roll call was then conducted of the meeting attendees

EUROCAE / RTCA Meeting Guidelines and Comments – A. Guegan / K. Hofmann

- KH presented RTCA Anti-Trust Policy, Proprietary Policy and Participation slides
- AG presented EUROCAE IPR Policy, Participation, and GDPR and Privacy slides

Agenda of May Plenary – C. Rosay

- CR provided agenda for the day
- CR shared WG-72 structure, and introduced new leadership
- Secretary change to Ted Kalthoff for WG-72
- Identified new secretaries for the sub groups
- KH introduced new Co-Chair for SC-216, Patrick Morrissey

Acceptance of Minutes of Jan/Feb Plenary – C. Rosay

- CR requested input for any objections to the minutes
- SM asked comments on Proposed ToR Revisions minutes
- None were raised and the previous meeting minutes accepted

Proposed ToR Revisions

- CR presented possible future work documents
- VK mentioned that Secure Storage is Priority 1 for FAA
- SM talked to patch management
- Stefan S – ASTM is working on tailoring for VTOL the F3532-22 initially developed for CS-23
 - Need to talk with WG-112 about harmonizing
 - VTOL have different systems compared to Part 25
 - Different approaches are being used
 - EASA taking is addressing VTOL on a categories (certified, specific, open) based approach
 - FAA is using general aviation / Part 23 build-up approach
- SS also agreeing that patch management is important as well
 - In line with change management
 - VK says that this needs to be worked in line with Safety folks
- CR asked for Honeywell's system for software management to see if this would help with the patching process
 - SM can ask if Honeywell can bring in more information for software management

Document List from Proposed ToR Revisions – C. Rosay

- CR introduced.
- #2 – ISMS was moved up
 - #1 – SS had questions to clarify supply chain issues
 - Siobvan N has additional information she can provide from AIA subgroup on supply chain definition
 - Should be included in #2 document – ISMS
- #3 CIA should be included in DO-326A doc? - Stefan
 - Do we want to include all the other changes that are needed - SS
 - Should be keep this separate? Make new document - SS
 - KH and AG were asked for opinion on where to place it
 - RTCA just wants deliverable list (recommendation to update for just white paper suggestion) KH
 - EUROCAE needs an activity to start and then you can change if needed AG

- VK and KH – make a list of actions and then evaluate what actions are really needed later
 - This way we can satisfy TAC and PMC to move documents forward
- #4 patch management was moved to the top due to push from FAA
 - SS and CR – change name to security update management for certified aviation systems
 - Reference EASA RMT-160
 - SS - Should be included in #3 Change Impact Analysis
- CR changed list to only have three items
 - #1 ISMS which includes Supply Chain Management
 - #2 CIA to also include security update management
 - #3 Data Security
- VK has several concerns from the FAA for data protection
 - Wants cert activity for data loaders
 - ARINC working on new guidance
 - Ted Patmore says that ARINC has created guidance for portable dataloaders and onboard dataloaders – ARINC 645-1 section 5
 - VK who in the FAA approves, he doesn't have anyone that he knows of that owns data loaders
 - Design cert doesn't own
 - Ops Cert side doesn't own it either
 - SS says if ARINC 645-1 is included in ICA, then OPS need to approve
 - John Flores – FAA relies on OEM to qualify data loaders
 - Marcus Labay – just because it is in the ICA does not make it required
 - VK – who approves the data loader?
 - Matthieu W – ARINC is very solution orientated, not so much standards or guidance oriented

Document Scope from Proposed ToR Revisions – C. Rosay

- CR presented
- #1 ISMS
 - DP suggested looks like ISO 2700x
 - CR recommends that it is an adaptation of ISO 2700x
 - Could cause copyright issues
 - VK asked if this also fit in with NIST standards
 - Mentioned similarity to NIST 800-53
- #2 CIA
 - CR presented that it will push a change to DO-326A/ED-202A
 - VK stressed that it should be similar to DO-178C CIA process
 - SS mentioned that AIA CIA subgroup is already looking at this and other documents
 - VK also wants to ensure that this follows an objective approach as opposed to a prescriptive approach
- #3 – Data Security
 - CR presented
 - DP This doc should be a MOPS (standard) for data security, and needs to identify what data should be secured
 - CR What about DO-200A/B // EASA Part DAT
 - VK just deals with database providers not screwing up the databases they have already provided and the process they use
 - VK does not manage the security of the databases
 - SS Aviation village is already showing how to disrupt databases

Assignment to Subgroups for Proposed ToR Revisions – C. Rosay

- CR presented
- DP provided an updated ToR for PMC/TAC
 - DO-392 update ending Sept 2024
 - New document for ISMS Guidance ending June 2024
 - Update to DO-326A ending March 2024
 - New doc for Data Security MOPS ending Dec 2024
 - Documents listed in order of difficulty
- MW – Data Security needs to look at the fact there are different DO's guidance for requirements
 - VK says that DO-355A would be good place to gather all of this guidance
 - Someone co-located with CR said that Part IS is complicating this gathering of guidance
- CR/DP recommends ISMS goes to subgroup 4 (Stefan) // CIA goes to subgroup 1 (TBD) // Data security goes to subgroup 3 (Alain)
 - AG – can't use Subgroup 1 anymore
 - Recommend to use new Subgroup 5, leadership to be defined
- DP also need to include the update to ED-206/DO-392
 - Need to ask for equivalent subgroup
 - Could be pushed to Subgroup 3, but less urgent than other tasks

Workplans and Volunteers for Proposed ToR Revisions – C. Rosay

- CR presented
- DP volunteers has already been decided with assignment to subgroups
- CR how should this be communicated?
- DP task subgroups to start organizing and get something together before PMC in June

Next Plenary – Oct 17-21, 2022 EUROCAE HQ in Paris

- CR presented
- AG – Paris is a go
- Next plenary in December in US
 - December 5-9, 2022 at RTCA DC
- DP – Do members of SC-216 approve of the ToR going to PMC?
 - Unanimous to approve recommended ToR changes to be forwarded to PMC
 - KH, needs to be revised to lineup with PMC requirements
 - SN approves, aligns with US ACCESS priorities but concern with overlapping priorities
 - PMC is June 23rd

No remaining business.

Meeting closed 16:45 CEST/10:45 EDT