

**MEETING MINUTES OF THE THIRTY-FIFTH MEETING
JOINT RTCA SPECIAL COMMITTEE 217
EUROCAE WORKING GROUP 44**

1st September 2020 – Virtual meeting via WebEx

Executive Summary

RTCA SC-217 met jointly with EUROCAE WG-44 virtually via WebEx on 1st September, 2020. The main objective of the meeting was to complete the revised Terms of Reference defining the scope of work when the committee status is changed to Active status.

During the Plenary, RTCA and EUROCAE policies were presented and participants introduced themselves. The draft revised Terms of Reference were reviewed, and changes proposed by the group were incorporated. The completed Terms of Reference will be presented for approval at the September 10, 2020 PMC meeting. The EUROCAE Terms of Reference will be completed over the next couple of weeks by the committee leadership team, with a goal of obtaining electronic approval from the TAC by the end of September 2020.

Working arrangements were discussed, and it was decided to hold 2-hour virtual working meetings every 4 to 6 weeks in which the top priority topics across the new Data Alteration document, DO-200C, and DO-201C are discussed. Due to the current situation with Covid-19, this approach will continue indefinitely until in-person meetings are possible again.

A brief description of the recent leadership-level coordination with SAE G-34/EUROCAE WG-114 (Artificial Intelligence in Avionics) was mentioned. A more detailed report-out will be provided in the October 2020 working meeting. G-34/WG-114 is looking for volunteers for liaisons between their committee and SC-217/WG-44.

The next virtual meeting will be on 24th September, 2020. The topics will be continuing the Data Alteration document definitions and flow charts, and Design Process Assurance Level (DPAL) granularity in DO-200B.

1 Plenary session

1.1 Administration and Agenda

The Plenary Session took place on 1 September 2020 with the main objective of completing the revised Terms of Reference and establishing the working arrangements for accomplishing the identified work.

The meeting was opened by Brian Gilbert (RTCA SC-217 co-chairman), who introduced the agenda for the meeting. Rebecca Morrison and Sergiu Marzac presented the RTCA Anti-Trust Policy, the RTCA Proprietary Policy, the EUROCAE IPR Policy Call, and the EUROCAE membership policy. Attendees introduced themselves.

1.2 Attendance List

Name	Company/Organization	Email address
Reuss Anderson	Garmin	reuss.anderson@garmin.com
David Atkinson	NGA	david.l.atkinson@nga.mil
David Baker	MITRE	dbaker@mitre.org
Brian Belcher	US Navy	brian.belcher@navy.mil
Pat Benson	DCS Consulting (US Navy)	pbenson@dcscorp.com
Gary Bobik	FAA	gary.ctr.bobik@faa.gov
Kevin Carey	US Air Force	kevin.carey.1@us.af.mil
Thomas Ciolino	US Air Force	
Matthew Colburn	Boeing	matthew.j.colburn@boeing.com
Trevor Dahl	GE Aviation Systems	trevor.dahl@ge.com
Torsten Domros	Jeppesen	torsten.domroes@boeing.com
Stéphane Dubet	DGAC / DSNA / SIA	stéphane.dubet@aviation-civile.gouv.fr
Greg Fisher	Universal Avionics	gfisher@uasc.com @uasc.com
Brian Gilbert	Boeing	brian.d.gilbert@boeing.com
Max Gornish	Garmin	max.gornish@garmin.com
Eustis Gosselin	Jacobs	eustis.gosselin@jacobs.com
Kim Jordan	Universal Avionics	kjordan@uasc.com
Rob Keller	Jacobs	
Alexis Lehr-Kwarta	NGA	alexis.c.lehrkwarta@nga.mil
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John Maurer	MITRE	
Joseph McGrath	Jacobs	joseph.mcgrath@jacobs.com
Jeff Meyers	FAA	jeffrey.meyers@faa.gov
Brad Miller	FAA	brad.miller@faa.gov
Stephen Moody	Jeppesen	stephen.moody@jeppesen.com
Rebecca Morrison	RTCA	morrison@rtca.org
Collin Ogden	Rockwell Collins	collin.ogden@rockwellcollins.com
Darrell Pennington	ALPA	darrell.pennington@alpa.org
Alex Petrovsky	Eurocontrol	alexandre.petrovsky@eurocontrol.int
Jeff Plantinga	GE Aviation Systems	jeffrey.plantinga@ge.com
Erik Ringnes	Honeywell	erik.ringnes@honeywell.com
Scott Roesch	Honeywell	scott.roesch@honeywell.com

Name	Company/Organization	Email address
Michael Sauter	Lufthansa Systems	michael.sauter@lhsystems.com
Frank Wigold	Lufthansa Systems	frank.wigold@lhsystems.com

1.3 **Terms of Reference**

The group reviewed the proposed revisions to the Terms of Reference (TOR). From discussions in a June 25, 2020 working meeting, the committee had decided to revise DO-200B, DO-201B, and create a new document titled “Considerations for Aeronautical Data Alteration”. The group also decided in the June 25 meeting to not make any changes to DO-272D, DO-276C, DO-291C, or DO-342.

Jeff Plantinga asked whether AC changes could be expected from the FAA if DO-200C was revised. Brad Miller responded that it would be determined in the future, recognizing that many applicants have not yet been subject to the last revisions based on DO-200B.

There was discussion about the DO-330 alignment statement in the TOR. Brad explained that there was some confusion around domain tailoring related to tool qualification for some applicants. The wording in the TOR scope section was updated to reflect this.

David Baker recommended considering requirements numbering for DO-200B to harmonize with the approach taken in the other SC-217/WG-44 standards. Adding requirement identifiers in DO-200C was added to the scope list.

Stephane Dubet suggested to add a statement about other minor updates to allow flexibility in expanding the statement of work for topics that are encountered during the revisions. A statement was added to the Scope section for both the DO-200B and DO-201B revision descriptions.

Brad Miller mentioned the possibility of coordination with SC-216 for new security related content. SC-216 was added to the coordination section as a committee where a new ISRA might be needed.

Brad also reminded the group that the DO-201C Data Driven Charting (DDC) effort should be coordinated with SC-227. There was a discussion on the definition and scope of DDC, which will be one of the first big tasks when development of DO-201C starts but did not need to be decided for the content of the TOR.

There was a question about the European Commission (EC) Performance Based Navigation (PBN) rule item in the scope of DO-201C, but the proper EASA or EUROCONTROL members were not available to attend the meeting. It remained in the TOR scope, but the group needs to be educated on what needs to be done.

It is still undecided if commercial space ports will be addressed in DO-201C. It was kept in the TOR scope description, but David Baker will provide a proposed definition in a future meeting and the group will decide whether to include it.

SC-217 leadership is on the PMC agenda for September 10, 2020 to present the TOR for approval. Brian sent the presentation to Rebecca and the leadership team to review after the plenary meeting.

The EUROCAE TOR will be completed by the committee leadership team shortly after approval by the RTCA PMC, with a goal of obtaining electronic approval (via email) from the TAC by the end of September 2020.

1.4 **Working arrangements**

The group discussed the planned logistics for the foreseeable future until in-person meetings are feasible. It was decided to have a 2-hour virtual meeting (10:00-12:00 Eastern time) via Webex every 4 to 6 weeks, which will cover all documents in review. Meeting dates will be scheduled ad-hoc to work around schedule conflicts. It was noted that due to overlap in membership of SC-217/WG-44 with other committees such as SC-227 and ARINC Navigation Database (NDB), that we will attempt to work around those meeting dates.

Prior to each meeting, we will decide what the highest priority topics are from across the DO-200, DO-201, and data alteration work items. Development of the Considerations for Aeronautical Data Alteration document will have the highest priority in the near term, since it has the soonest planned completion date and industry need.

Other topics that will heavily influence the workload of the group and impact on industry will also be high priority in the initial meetings, such as DPAL granularity.

The next virtual working meeting was scheduled for September 24, 2020 from 10:00am-12:00pm Eastern Daylight time. The topics will be reviewing inputs for the Data Alteration document (flow chart and definition of terms) and DPAL granularity.

1.5 **Coordination with SAE G-34/EUROCAE WG-114**

Brian gave a brief introduction to the group about leadership level coordination between SC-217/WG-44 and joint SAE G-34/EUROCAE WG-114, the recently formed Artificial Intelligence (AI) in Aviation committee. The G-34/WG-114 leadership has been asking for members of SC-217/WG-44 to attend their Subgroup 2 (the one addressing data requirements) and full membership meetings as liaisons and contributing participants.

The AI group is looking at existing standards (such as DO-200B) to determine what can be leveraged and identify gaps. It is still too early to tell what type of support or coordination will be needed from SC-217/WG-44, or what kind of impact the AI in Aviation work will have on the content of DO-200C. Initial discussions are expected to center around if AI data related activities can be accommodated by current aeronautical data schemes (i.e. is AI aviation data just another type of aeronautical data?), and how our existing standards are challenged by AI (i.e. what assumptions do we currently have that are not valid for AI?).

Brian will provide a report-out on the AI in Aviation activities in the October 2020 WebEx meeting.

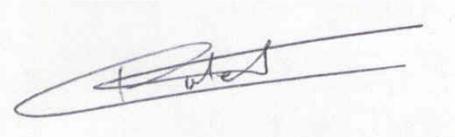
1.6 **Adjourn**

Brian thanked all members for the participation and closed the plenary meeting.

Certified as a true and accurate summary of the meeting:



Brian Gilbert
Chairman, RTCA SC-217



Stéphane Dubet
Chairman, EUROCAE WG-44