



**Summary of the 21st Meeting (DRAFT)**  
**Special Committee 227**  
**Standards of Navigation Performance**

The 21st Plenary Meeting of RTCA Special Committee 227 (SC-227) was held on December 4-6, 2017. This meeting was held at RTCA. Attendees, at the meeting and via WebEx, included:

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| Mike Cramer (Chairman SC-227)              | The MITRE Corporation                      |
| Barry Miller (Designated Federal Official) | Federal Aviation Administration            |
| Sam Miller (WG3 Co-Chair)                  | The MITRE Corporation                      |
| Richard Jinkins (WG3 Co-Chair)             | Rockwell Collins, Inc.                     |
| Anup Raje (Secretary, via WebEx)           | Honeywell International, Inc.              |
| Rebecca Morrison                           | RTCA                                       |
| Walter Kozyra                              | Department of National Defense of Canada   |
| Greg Cox (via WebEx)                       | Federal Aviation Administration            |
| Jeff Meyers (via WebEx)                    | Federal Aviation Administration            |
| Gary Petty (via WebEx)                     | Federal Aviation Administration            |
| Odlavson Silva (via WebEx)                 | Federal Aviation Administration            |
| Nick Tallman (via WebEx)                   | Federal Aviation Administration            |
| Michelle Yeh                               | Federal Aviation Administration            |
| Steve Horvath                              | Garmin                                     |
| Brent Perkins (via WebEx)                  | General Atomics Aeronautical Systems, Inc. |
| Patrick Cazaux                             | Thales Avionics                            |
| Shiva Anand (via WebEx)                    | The MITRE Corporation                      |
| David Jordan (via WebEx)                   | Universal Avionics Systems Corporation     |

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In accordance with the Federal Aviation Advisory Committee Act, Barry Miller, Federal Aviation Administration, was the Designated Federal Officer for this meeting.

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**RTCA SC-227, Standards of Navigation**

- The 21st Plenary meeting of SC-227 was convened at 9:00 a.m. EDT by Chair Mike Cramer and the meeting was opened officially by the FAA DFO Barry Miller.



- Rebecca Morrison stated the RTCA Proprietary Policy and reviewed the process for development of standards and how any related or relevant intellectual property must be addressed.
- Rebecca Morrison also reviewed the RTCA membership policy. She stated that companies participating in RTCA committees must be members of RTCA starting January 1, 2016. Consultants to the FAA are considered to be members if they have an FAA email address, and similarly for consultants for other companies.
- Attendance was noted and recorded electronically.
- Mike Cramer reviewed the agenda (copied below). He also stated that the committee would stay in plenary session to disposition the FRAC comments received on the document and approve, amend or reject the comments based on committee discussion.

#### **Summary Agenda:**

1. Welcome and Administrative Remarks
2. Introduction
3. Review of Minutes from Meeting 20.
4. Agenda Overview
  - a. Schedule
  - b. New Business
5. Review and disposition comments received from Final Review and Comment period
6. Review updated TOR
7. Adjourn

#### **Plenary Discussion**

The plenary discussion started on Monday, December 4, 2017 at 9:00 a.m. EDT.

1. The first topic of discussion was a review of the 20<sup>th</sup> Plenary meeting minutes. There were no corrections/additions and the minutes were approved as written.
2. Mike then reviewed the committee's Plan to Completion schedule
  - The schedule is unchanged, assuming the document is closed at the completion of this plenary. The plan is to release the document to the PMC on schedule.
  - All editorial comments from the FRAC have been resolved and added to the draft prior to this plenary.
3. The committee then began disposition of FRAC comments beginning with the three non-concur comments. Each of the three non-concur comments were the result of changes made to the document during the pre-FRAC comment period. Prior to this plenary, Sam coordinated with the

parties involved to clarify the issues and resolve the concerns. Subsequently, each of the three non-concur comments were discussed at this plenary and the committee agreed to the requirements as coordinated prior to the plenary. All non-concur comments were closed.

The committee then continued discussion of the remaining comments until all were satisfactorily dispositioned. The comment spreadsheet and final document (with changes displayed) will be posted on the workspace for committee reference.

4. After the completion of review process, the committee decided that five requirements should be reviewed with Brad Miller (FAA) since he could not join this plenary. If Brad has any concerns/comments on the, another plenary will be held in January to discuss Brad's concerns.
5. Barry Miller clarified that if we have issues from Brad, the committee would document those as documented exceptions and move forward. Barry emphasized that this document is closed. Mike concurred with this note.

[Note: Brad Miller later reviewed the document and those requirements in question and concurred with the committee's disposition of those comments. No further discussion is required.]

6. Prior to adjourning, Mike explained once again that SC-227 has been asked to monitor the activities of EUROCAE WG-107 for potential effects on RTCA documents (DO-236C and DO-283B). Several members attended WG-107's organizational telecon and provided minutes. Additionally, there may be SC-227 members who might be in a position to attend the WG-107 meetings in person and Mike will check with those members. Rebecca reminded the committee that RTCA has not requested to participate in the WG-107 activities, but monitoring their progress was requested by the PMC and EUROCAE has agreed. Mike then reviewed the revised ToRs as recently approved by the PMC. The revised ToRs will be posted on the workspace.

Rebecca will post WG-107 meeting minutes on the workspace as they become available.

7. There being no further business, the meeting was adjourned on Wednesday, December 6<sup>th</sup> at 2:30 p.m. EDT.