



17 October 2024 (Washington, DC & Virtual)

EUR 213-25 / WG79-104

RTCA Paper No: 086-25/SC213-154

# RTCA SC-213 (#56) / EUROCAE WG-79 (#50) Joint Plenary Meeting Minutes

## Agenda

1. Introductions and Welcome
2. EUROCAE/RTCA Policies
3. Review and approve minutes from July 2024 Plenary
4. Updates to DO-407/ED-326 and DO-408/ED-327
5. Working Group 4 Status
6. Industry Update
7. Regulator Update
8. ToR Update
9. IAS Activity Report Out
10. Schedule for Next Plenary?
11. Other Business
12. Review of Action Items
13. Adjourn

## Introductions and Welcome

Thea Feyereisen opened the plenary meeting and all present, in-person and virtual, introduced themselves. See attendance record listing at end of minutes.

## EUROCAE/RTCA Policies

Brandi Teel reviewed RTCA and EUROCAE policies, including:

1. RTCA Anti-trust
2. RTCA Export Compliance Policy (NEW)
3. RTCA Proprietary Policy
4. RTCA Reproduction and Referencing
5. EUROCAE Intellectual Property Rights
6. RTCA Committee Participation Membership Policy
7. EUROCAE WG Participation Policy
8. EUROCAE GDPR and Privacy Policy
9. Recording prohibition
10. EUROCAE Workspace Hub
11. Virtual Meeting Rules
12. Attendance recording in AerOpus

## Review and approve minutes from July 2024 Plenary

Daniel Chiew reviewed the meeting minutes for the prior plenary meeting (RTCA SC-213 #55 / EUROCAE WG-79 #49).

**[MOTION]:** Glenn Connor motioned to approve the meeting minutes. Trent Prange seconded.  
After vote, no opposed. Motion carries.

The meeting minutes were approved as presented.

## Updates to DO-407/ED-326 and DO-408/ED-327

Thea Feyereisen summarized the late discovery of issues with the documents, prior to presentation and PMC approval. The working group discussed and resolved these at the prior day meeting.

### DO 407/ED-326 (WG-1 Synthetic Vision)

Thea then reviewed the corrections made to resolve the editorial & formatting errors.

**[MOTION]:** Carlo Tiana motioned to approve the revised DO-407/ED-326 MASPS and to present it to PMC. Daniel Chiew seconded. After vote, no opposed. Motion carries.

### DO 408/ED-326 (WG-2 Enhanced Vision)

Randy Bailey reviewed the corrections made to resolve editorial, typographical, & reference errors.

**[MOTION]:** Thea Feyereisen motioned to approve the revised DO-408/ED-327 MASPS and to present it to PMC. Glenn Connor seconded. After vote, no opposed. Motion carries.

DO-407 & DO-408 MASPS were updated & approved for presentation to PMC for release & publication.

## Working Group 4 Status & IAS Activity Report Out

Carlo Tiana provided an update on WG-4 activities. He noted increased an interest in standards development activities following the call for notice and subsequent kickoff workshop, hosted by Collins Aerospace (September 12 4-6pm CET). This renewed industry interest supports a ToR expansion for both SC-213 and WG-79, beginning with OSED/ConOps development followed by MASPS work collaboratively with the IAS/AAM industry. The OSED development timeline is planned to conclude in mid-2026. WG-79 leadership plans to hold introductions & coordinate with other EUROCAE IAS WGs soon.

## Industry Updates

Randy Bailey shared some publicly released imagery from the NASA QuesST X-59 project and development. First flight is upcoming and can be tracked under tail number N859NA.

## Regulator Updates

Trent Prange provided an update on FAA AC 20-167B. The document remains in processing, without sufficient priority. FAA Internal Policy now allows applicants to use the draft AC as the means of compliance in lieu of Issue Papers.

Sean Flack provided an update on the rollout of LED ALS lights, which are now being installed by Nav Services in the NAS. He noted that Matt Harmon in the Flight Standards group is coordinating this work. The presence of LED lighting at an airport will be noted in the remarks section of the airport chart supplement, as early as this upcoming or the subsequent AIRAC cycle. A list of airfields and runway ends with LED ALS installations can be found on the FAA EFVS website (<https://www.faa.gov/efvs>).

Link: [https://www.faa.gov/about/office\\_org/headquarters\\_offices/avs/offices/afx/afs/afs400/afs410/efvs/led-installations.pdf](https://www.faa.gov/about/office_org/headquarters_offices/avs/offices/afx/afs/afs400/afs410/efvs/led-installations.pdf)

Scott McLellan mentioned that a future EFVS OSR update may provide additional clarifying information regarding LED vs incandescent performance.

## ToR Update

Troy Niles presented updates to the TOR:

- Removal of prior SC-213 WG-4/EUROCAE WG-79 Rotorcraft joint work product
- Addition of two OSEDs: 1) IAS/AAM applications; 2) External Vision Systems (xVS)
- Addition of two MASPS, to be developed following OSED development

**[ACTION 56-1]:** Carlo Tiana and Esther Hoyas to coordinate corresponding TOR changes in EUROCAE TOR by end of November 2024.

**[MOTION]:** Carlo Tiana motioned to approve the TOR. Glen Connor seconded the motion. After vote, no opposed. Motion carries.

## Other Business

### WG leadership for new TOR updates

WG leadership for the proposed OSED documents in the updated TOR are expected to be:

- Carlo Tiana - Vision Systems for IAS/AAM/Helicopters
- Randy Bailey - xVS for piloted aircraft

New Working Groups and numbers (e.g., WG-5) are expected for these activities.

## Schedule for Next Plenary

The committee planned on the following meetings in 2025:

- A US-location working group meeting in February of 2025, focused on xVS. The location and date to be determined. NASA Palmdale facility is a possibility, with fallback to RTCA in DC.
- A EUROCAE hosted plenary in June 2025.

**[ACTION 56-2]:** Randy Bailey to identify any available February dates in Palmdale, possibly including tour of X-59 simulator, by November 2024.

**[ACTION 56-3]:** Esther Hoyas to confirm EUROCAE facility availability and to distribute a Doodle poll to the invitees (including IAS/AAM relevant WG members) for the weeks of June 2, 9, 16; by November 2024.

## Review of Action Items

Daniel Chiew reviewed the 3 captured action items.

## Adjourn

**[MOTION]:** Thea Feyereisen motioned to adjourn the meeting. Daniel Chiew seconded the motion. No opposed. Motion carries.

Plenary meeting is adjourned.

## Attendance

	<b>ATTENDEE</b>	<b>(V = VIRTUAL)</b>	<b>AFFILIATION</b>	<b>WG/SC ROLE</b>
<b>1</b>	Randall BAILEY		NASA	SC-213 WG-2 Lead
<b>2</b>	Sherwin CHEN	(V)	Boeing	
<b>3</b>	Daniel CHIEW	(V)	Collins Aerospace	SC-213 Secretary
<b>4</b>	Glenn CONNOR		Discover Technology	
<b>5</b>	Thea FEYEREISEN		Honeywell	SC-213 Co-Chair / WG-1 Lead
<b>6</b>	Sean FLACK	(V)	SAIC	
<b>7</b>	Iain GILLAN	(V)	Garmin	
<b>8</b>	David HAN	(V)	Collins Aerospace	
<b>9</b>	Ron HRABAK	(V)	FedEx Express	
<b>10</b>	Paul KENWARD		Lockheed Martin	
<b>11</b>	Chris MARTIN	(V)	Bombardier	
<b>12</b>	Scott MCLELLAN	(V)	FAA	
<b>13</b>	Peter NEUMEIER		Lockheed Martin	
<b>14</b>	Troy NILES		Universal Avionics	SC-213 Co-Chair
<b>15</b>	Tim PADDEN		USAF	
<b>16</b>	Mel PEREIRA	(V)	MITRE	
<b>17</b>	Larry PINE	(V)	Boeing	
<b>18</b>	Trent PRANGE		FAA	SC-213 GAR
<b>19</b>	Philippe SALMON		Collins Aerospace	
<b>20</b>	Matthieu SALVAN	(V)	Airbus	
<b>21</b>	Chris SCHERER	(V)	Collins Aerospace	
<b>22</b>	John SCHNEIDER	(V)	Sierra Nevada Corp.	
<b>23</b>	Brandi TEEL		RTCA	SC-213 Program Director
<b>24</b>	Carlo TIANA		Collins Aerospace	WG-79 Chair

Present at working group meeting only.

- Sergiu MARZAC (V); Boeing
- Vincenzo PENNETTA (V); EASA
- Greg COX; Sierra Nevada Corp.