



EUROCAE Paper No. **xx**/ WG79-**XX**
RTCA Paper No. 269-18/SC213-116

Minutes of Meeting EUROCAE WG-79 # xxx meeting/ RTCA SC-213 Joint Plenary # xxx Enhanced Vision Systems (EVS) Synthetic Vision Systems (SVS)

Date	<i>October 24-25 2018</i>
Place	Washington, DC - USA
Venue	<i>RTCA</i>
Host	<i>RTCA</i>
Contact Persons EUROCAE RTCA	<i>Sergiu Marzac</i> sergiu.marzac@eurocae.net <i>Phone: +33 1 49 46 19 73</i> <i>And</i> <i>Rebecca Morrison</i> rmorrison@rtca.org <i>+1 202-330-0654</i>

Attendance: Please see attached PDF document for complete attendance list.

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RTCA SC-213/EUROCAE WG79

Agenda

Wednesday, 24 Oct (0900 - 1700), Plenary

- 0900: Check-in
- 0915: Welcome, Introductions, administrative items, agenda review
- 0920: Review/approve plenary meeting minutes (5 min.)
- 0925: PMC Comments from DO-374/ED-257 (15 min)
- 0940: Finalize FRAC for Rotorcraft MASPS (45 min.)
- 1035: Break (10 min.)
- 1045: TOR and future work products (DO-315 etc.) (15 min.)
- 1100: WG1, WG2, WG3, WG4 updates (5 min.)
- 1105: FAA AC and VA Briefing (45 min.)
- 1150: AWO FAA/EASA Briefing (10 min.)
- 1200: Lunch
- 1515: EVS/EFVS & SVS MASPS Discussions (2 hr.)
- 1500: Break
- 1515: EVS/EFVS & SVS MASPS Discussions (1.75 hr.)

RTCA SC-213/EUROCAE WG79

Agenda

Thursday, 19 Oct (0900 - 1700), Plenary

- 0900: WG 4 Next steps(30 min.)
- 0930: EVS/EFVS & SVS MASPS Discussions (2 hr.)
- 1130: Administrative (30 min.)
 - Review and approve TOR updates SC-213 and WG-79
 - Review Action Items
 - Define next steps for documents
 - *Establish date/place/frequency for next meetings*
- 1200: Adjourn
- 1200: Lunch
- 1300: DO-315 Breakout session as needed

Welcome and Introduction

Patrick Krohn, Universal Avionics, opened the meeting. Members were introduced. Trent Prange, FAA, read the DFO statement. Rebecca Morrison, RTCA, presented the RTCA Proprietary Policy. Rebecca also presented the RTCA Committee Participation Membership Policy. Minutes from the April 2018 Meeting in Köln,

Germany were approved.

Terms of Reference

No changes.

Working Group Updates

WG1: Thea Feyereisen, Honeywell, will become the new chair. She replaces the previous chair, Dave Domino, Mitre, who has since retired.

WG2: Work in progress. Ready for FRAC after a few minor edits.

WG3: Current work scope has been completed and document is available for sale.

WG4: discussion scheduled – see later notes.

WG4

FRAC comments have been received and dispositioned by the committee. The document was posted to the RTCA and EUROCAE workspaces for review by interested parties. After close of comment period, further “editorial” and “minor” impact comments were received from USAF and Lockheed Martin. WG4 incorporated these comments into the MASPS document and editorial changes caused minor repercussions in multiple places in the document. The resulting changes were discussed with the full group during the plenary meeting and were approved by membership. The document is now complete and approved and will be forwarded for publication.

EASA CS-AWO update

Comment period for CS-AWO has been extended to November 15, 2018.

FAA Presentation on LED lights

FAA source for LED lamps for MALS (GE) has ceased production. FAA qualifying alternate source but future timeline for incandescent lights is unknown and likely limited. FAA has completed a long term LED lamp evaluation and found them “acceptable”. This evaluation was solely based on pilot visual evaluations, not EFVS evaluations. Presentation slides to be uploaded to RTCA and EUROCAE workspaces.

FAA Presentation on Visual advantage

FAA presented state of current AC 10-167B and Visual Advantage testing and measurement guidelines. Comments are requested. Presentation slides to be uploaded to RTCA and EUROCAE workspaces.

NASA Presentation on Planned AC revision/rationalization

Do these documents need to include FHA's? In some cases they are present, in some cases they are not. What's the “right” way?

Terms of Reference Updates

Motion to approve and accept the terms of reference updates.

Actions Items

1. In the Terms of Reference – Special Guidance – clean up section. (action Tim)
2. TOR's – add “for Credit” Helicopter CVS MASPS to EUROCAE WG-79 (Lead WG) TOR's (apparently not there yet); and similarly to SC-213 TORs – Action Bruno Aymeric/WG79 leadership and SC-213 leadership
3. ACTION: Carlo and Sergio – please reconcile the WG79 to match deliverables and dates with SC213.
4. Identify IR emitter requirement and communicate

Next Meeting

Our next plenary meeting is planned to be in Toulouse in May and hosted by Airbus. We may have a face to face working group meeting in February and hosted by Universal.