



EUROCAE Paper No.216-19/ WG79-067  
 RTCA Paper No. 269-18/SC213-116

**Minutes of Meeting**  
**EUROCAE WG-79 # 31 meeting/ RTCA SC-213 Joint Plenary # 40**  
**Enhanced Vision Systems (EVS) Synthetic Vision Systems (SVS)**

<b>Date</b>	<i>May 22-23 2019</i>
<b>Place</b>	Toulouse, France
<b>Venue</b>	<i>AIRBUS</i>
<b>Host</b>	<i>Fabrice Bousquet</i>
<b>Contact Persons</b> <b>EUROCAE</b> <b>RTCA</b>	<i>Sergiu Marzac</i> <a href="mailto:sergiu.marzac@eurocae.net">sergiu.marzac@eurocae.net</a> <i>Phone: +33 1 49 46 19 73</i> <i>And</i> <i>Rebecca Morrison</i> <a href="mailto:rmorrison@rtca.org">rmorrison@rtca.org</a> <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 – Working Group Sessions

#### Tuesday, 21 May (0900 - 1700)

- 0900: Check-in
- 0905: WG1 and WG4/79 meetings in separate rooms
- 1200: Lunch hosted by Airbus
- 1400: Research Sim with SVS Demo on A380 Sim
  - 6 people at a time for the sim demo
- 1700: Adjourn

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## RTCA SC-213/EUROCAE WG79

### Agenda - Plenary

#### Wednesday, 22 May (0900 - 1700)

- 0900: Check-in
- 0905: Welcome, Introductions, administrative items, agenda review
- 0910: Meeting Logistics (15 min.)
- 0925: FAA Briefing on AC status with Trent (15 min.)
- 0940: WG1 Discussions (50 min.)
- 1030: Break (10 min)
- 1040: LED related activities update (60 min.)
- 1130: Lunch at Airbus Canteen (on your own)
- 1230: WG 4 New TOR update presentation; discussions (60 min.)
- 1330: EASA presentation and discussion (120 min.)
- 1545: Break (15 min.)
- 1600: EFVS Conops Presentation (Scott McLennan, FAA)
- 1700: Adjourn

A dinner reservation has been made for a social event all can attend with separate checks

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# RTCA SC-213/EUROCAE WG79

## Agenda - Plenary

### Thursday, 23 May (0900 - 1700)

- 0900: WG1 Discussions (30 min.)
- 0930: EASA Discussions continuation (60 min.)
- 1030: Break (10 min)
- 1040: WG1 Discussions (50 minutes)
- 1130: Lunch at Airbus Canteen (on your own)
- 1230: LED related activities update (60 min.)
- 1330: Break (10 min)
- 1340: WG2 discussions (60 min.)
- 1400: (or so) FAA Helicopter Activities Updates (60 min)
- 1540: Break (10 min)
- 1550: Actions, next steps, next meeting objectives
- 1700: Adjourn

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### Welcome and Introduction

Carlo Tiana, Collins Aerospace, opened the meeting. Members were introduced. Rebecca Morrison, RTCA, and Sergiu Marzac, EUROCAE, presented the RTCA and EUROCAE Participation Policies.

### FAA AC Update

Trent Prange, FAA, provided an update to the committee on the status of the various ACs related to vision systems.

### WG1

The committee reviewed the current working document draft and made edits.

### WG2

Scott McLellan, FAA, provided an update on the EFVS ConOps.

### WG4

It was decided that the WG4 document will merge with WG1.

### EASA CS-AWO update

Carl Garvie, EASA, presented some comments relevant to SVGS and EFVS that were received during the CS AWO NPA comment period. The committee provided guidance to EASA on disposition.

### LED Activities Update

Carlo Tiana, Collins Aerospace, presented a review of the current state of airport lighting, the phase out of incandescent lights, and previous SAE G-20 work.

## FAA Helicopter Activities

Cliff Johnson, FAA Atlantic City, presented information on recent EVHS flight test. He also provided a highlight of NVG-LED Compatibility and the use of helicopter ASIAS flight data monitoring to help with reduction of helicopter fatal accident rate.

## Actions Items

1. Add EUROCAE paper number, meeting number and attendance list to the October 2018 meeting minutes.
2. Carlo to provide feedback to Frans on the CS AWO NPA.
3. Honeywell to provide by end of June information on if they are able to host the April/May 2020 plenary in Czech Republic.
4. Collins Aerospace to provide by end of June information if they are able to host the February 2020 working group meeting in southern US.

## Next Meeting

Our next plenary meeting is planned to be held in the U.S. Location is tentatively set for RTCA headquarters in Washington D.C. October 29-31, 2019. The following plenary spring plenary meeting is tentatively set for Honeywell in Czech Republic April 21-23 or May 5-7 (or default EUROCAE in Paris, France). A potential working group meeting may be hosted by Collins Aerospace in TBD February 11 – 13, or February 26 – 28, 2020 (or default RTCA in Washington DC).

Name	Company	Role
Astruc, Joel	Airbus	Member
Bailey, Randy	NASA	Member
Beda, Tomas	Honeywell International, Inc.	Member
Belanger, Emmanuel	Transport Canada	Member
Boucher, Alain	Dassault Falcon Jet Corporation	Member
BOUSQUET, Fabrice	Airbus	Member
Buffry, Ronain	DGAC	Guest
Chen, Sherwin	The Boeing Company	Member
Chiew, Daniel	Collins Aerospace	Member
Connor, Glenn	Discover Technology International Inc.	Member
Etherington, Tim	Collins Aerospace	Committee Chair
Feyereisen, Thea	Honeywell International, Inc.	Secretary
Fokbor, Valeri	DGAC	Guest
Garvie, Carl	EASA	Guest
Germanetti, Serge	Airbus	Member
Hrabak, Ronald	FedEx Express	Member
Humphreys, Mark	Precision Approaches	Member
Jinkins, Richard	Collins Aerospace	Member
Johnson, Charles	FAA	Guest
Kenward, Paul	Lockheed Martin Corporation	Member
Kratchounova, Daniela	Federal Aviation Administration (FAA)	Member
Krohn, Patrick	Universal Avionics Systems Corp.	Committee Chair
Lesko, Bryan	Air Line Pilots Association (ALPA)	Member
Letsu-Dake, Emmanuel	Honeywell International, Inc.	Member
Litwin, Kajetan	Transport Canada	Member

M, Yair	Elbit	Guest
Marzac, Sergiu	EUROCAE	Member
Mazzotti, Matteo	OCEM Airfield Technology	Guest
Moens, Els		Guest
Morrison, Rebecca	RTCA, Inc.	Manager
Pennetta, Vincenzo	EASA	Guest
Pippard, Nigel	Saab Group	Member
Prange, Trent	Federal Aviation Administration (FAA)	Government Authorized Representative
Roy-Girard, David	Esterline CMC Electronics	Member
Salmon, Philippe	Collins Aerospace	Member
Sasscer, Roland	Lockheed Martin Corporation	Member
Scalera, Elda	ESG	Guest
Tiana, Carlo	Collins Aerospace	Member
Van Gorkum, Frans	European Aviation Safety Agency (EASA)	Member
Ververs, Trish	Honeywell International, Inc.	Member
Webb, Mike	Federal Aviation Administration (FAA)	Member
West, Michael	Eaton Crouse Hinds	Guest
Wong, Natalie	Bombardier Aerospace	Member