

EUROPEAN DEFENCE AGENCY  
EUROPEAN SECURITY AND DEFENCE COLLEGE

**INVITATION TO THE COURSE**  
**"MILITARY AVIATION CYBER & ELECTRO-MAGNETIC**  
**ACTIVITIES (CEMA) RESILIENCE"**

(Activity Number 25-26/PILOT/6)  
Brussels, 18 to 20 November 2025

The European Defence Agency (EDA) has the honor to organise under the aegis of the European Security and Defence College (ESDC) a course dedicated to "Military Aviation Cyber & Electro-Magnetic Activities (CEMA) Resilience". The course will take place in Brussels, at the 'Albert Borschette Congress Center', from **18 to 20 November 2025**.

Aviation is increasingly vulnerable to cyber threats emerging from both the electromagnetic spectrum and cyberspace. In our complex digital landscape, military air operations are deeply intertwined with these domains. As such, comprehending and mitigating the risks posed by malicious activities and unforeseen events in Cyberspace and the Electromagnetic Spectrum (EMS) is of paramount importance.

This course aims to educate participants on the risks to EU Military Aviation capabilities posed by both malicious and non-intentional events in both Cyberspace and the EMS. It will also cover mitigation strategies to enhance resilience against these threats. Through participation in Table-Top Exercises (TTXs), attendees will gain the ability to assess key implications for their future work in Military Aviation. Additionally, the Course offers opportunities for networking and intellectual exchanges.

Military participants should be mid-rank military officers (of NATO grades OF-2 to OF-4) who are currently filling (or are eligible for) a 'generalist' (ie a non-CEMA Specialist) appointment in EU Institutions, EU Member States, military HQ or Military Aviation unit, who support the planning or direction of Military Aviation operations or operational training; operate, or provide operational support services to Military Aviation capabilities; procure, or manage in-service logistical support to Military Aviation capabilities; develop policies, concepts, strategies or doctrine related to Military Aviation, or design and/or deliver CEMA-related professional military education courses, or command post exercises.

Civilian participants should be of similar seniority to the Military Audience, who are currently filling (or liable for) a 'generalist' (ie a non-CEMA specialist) appointment in EU Institutions, EU Member State governmental body, with duties related to Military Aviation capabilities.

We are therefore very pleased to invite you to nominate appropriate candidates for this training activity. For further information, please refer to the administrative instructions and the draft program contained in the annexes.

**Fergal O' REGAN**

Acting Head of the European Security and  
Defence College



**Sean WHITE**

Director of Industry, Synergies & Enablers  
European Defence Agency



**Annexes:**

- A. Administrative Instructions
- B. Draft Program

Annex A.

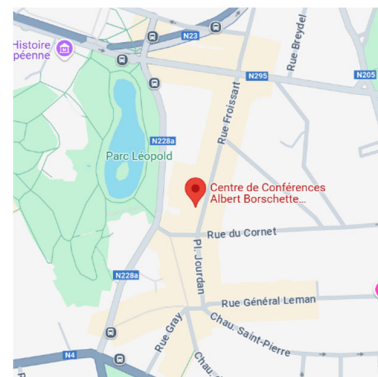
## Military Aviation Cyber & Electro-Magnetic Activities (CEMA) Resilience (Activity Number 25-26/PILOT/6)

Brussels, Belgium, from 18 to 20 November 2025

- **Target audience:** Participants should be mid-rank military officers (OF-2 to OF-4) or equivalent civilian personnel working in 'generalist' roles within EU Institutions or EU Member States. They should have responsibilities in Military Aviation, including planning and directing operations or training, supporting aviation capabilities, managing logistics and procurement, developing policies and strategies, and designing or delivering CEMA-related education.
- **Maximum number of participants: 32.**
- **Seats & nominations:** The organizers intend to select a highly diverse group of participants in terms of professional and organizational background, age and nationality, and with regard to gender balance. However, as only a limited number of **32** participants can be accepted, priority is given to applicants who best fulfil the conditions outlined above to ensure training at the highest level.
- **Application:** Applications are to be filed via the ESDC secure internet system ENLIST, by designated nominators, under <https://esdc.europa.eu/enlist/login> **no later than 20 October 2025**. A list with relevant ENLIST nominators can be retrieved from the ESDC website at [https://www.esdc.europa.eu/training-and-education/list-nominators\\_en](https://www.esdc.europa.eu/training-and-education/list-nominators_en). Participants should contact their national nominators to register them to the course.

Registration will not be final until confirmed by the ESDC Secretariat and the Course Director, AND upon completion of the requested personal data in ENLIST by the selected candidates.

- **Venue:** The course will take place from **18 to 20 November 2025** at the 'Albert Borschette Congress Center', Rue Froissart 36, 1040 Brussels, Belgium, (<https://maps.app.goo.gl/BrP3JsxEJ2USnXJ6>). Please make your travel arrangements accordingly.
- **Pre-reading:** Participants are required to complete 2 hours of individual pre-reading before the course begins.
- **Attendance:** Attendance of the course is mandatory on all days. A certificate signed by the High Representative of the European Union for Foreign Affairs and Security Policy will be awarded to participants who have completed the full course and confirmed they have reviewed all the pre-course digital materials provided for the on-line learning phase.
- **Language:** The course language is English without translation. Participants must have a good knowledge of English to be able to engage in discussions and fully benefit from the training (no additional language training or translation is provided).



- **Dress code:** “Business casual (jacket and tie)/female equivalent” or service uniform (no battle dress uniform) for the opening and closing days (including for the ‘family photo’), smart casual clothing for the rest of the course.
- **Liabilities and Insurance:** In case of medical emergencies, costs should be covered by participants’ medical insurance provided by the sending country/organization. The organizer does not provide health or accident insurance for participants.
- **Costs:** Tuition is free of charge.

All costs for international travel, transportation, accommodation and catering during the course will be covered by the sending authorities. Participants should arrange their own travel, accommodation and meals. Transportation will not be provided by the course organizers. **Travel and accommodation arrangements should not be made before the reception of the message confirming the nominee’s admission.**

- **Security procedures:** To gain access to the Congress center, participants will need to present a valid national ID or passport. More information will be communicated via email.
- **Ice-breaker event:** A hosted ice-breaker for participants and organizing staff will be held on Tuesday 18 November 2025 at 19:00. Dress code is ‘smart casual’ (jacket no tie).
- **Additional info:** further detailed information on the course will be forwarded via email directly to the course participants in due time, including any information directly linked to developments concerning travel restrictions or the public health situation in Belgium and/or the EU.

### **Accommodation**

Below are some hotels, which are within walking distance to the course venue:

- **Holiday Inn Brussels – Schuman \*\*\*\***  
Rue Breydel 20/24, 1040 Bruxelles, [Website](#)
- **Aloft Brussels Schuman \*\*\***  
Vicolo delle Palline, 24 – 00193, [Website](#)
- **Hotel Sofitel Brussels Europe \*\*\*\*\***  
Place Jourdan 1, Etterbeek, 1040 Brussels, Belgium, [Website](#)

**All contacts with the chosen hotel are the participant’s responsibility.**

### **Meals**

Lunches can be taken at nearby restaurants or cafeterias in the vicinity of the venue on a voluntary basis and at the participant’s own expense.

### **POINTS OF CONTACT:**

#### **For registration purposes:**

Evangelos ENGLEZAKIS (ESDC Training Manager)

E-mail: [Evangelos.Englezakis@eeas.europa.eu](mailto:Evangelos.Englezakis@eeas.europa.eu);

#### **For course topics and organisation**

Thierry CLOSSET

E-mail: [Thierry.CLOSSET@eda.europa.eu](mailto:Thierry.CLOSSET@eda.europa.eu)

Annex: B

## **Military Aviation Cyber & Electro-Magnetic Activities (CEMA) Resilience** (Activity Number 25-26/PILOT/6)

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### **Draft Program**

<b>Tuesday 18 November 2025 (0900-1700) &amp; (1900-2030)</b>	
In processing	
Welcoming remarks and opening speech	
Course introduction (CASD and ESDC)	
Participants introduction and expectations – tour de table	
Cyber Fundamentals	
EMS Fundamentals	
Environmental & Accidental Effects on Military Aviation use of Cyberspace and the EMS	
EU Cyber Policy Landscape	
EU EMS Policy Landscape	
<i>Course Break before start of course ice-breaker evening event</i>	
<i>Course ice-breaker evening event</i>	
<b>Wednesday 19 November 2025 (0900-17000)</b>	
Military Aviation Capabilities: Cyberspace Dependencies	
Malign Cyber Threats to Military Aviation Capabilities	
Identifying and Managing Cyber Risks to Military Aviation Capabilities	
CEMA Risk Framework	
Instructions and Syndicates for Tabletop Exercise 1 (TTX1)	
Tabletop Exercise 1 (TTX1)	
<b>Thursday 20 November 2025 (0900-17000)</b>	
Electronic Attack Threats to Military Aviation Capabilities	
Managing EMS Risks to Military Aviation	
CEMA Risk Framework Refresher	
Tabletop Exercise 2 (TTX 2) Activity	
Course evaluation & After-Action Review/Closing Quiz	
Keynote Speaker: "Staying Airborne: European Military Aviation Capabilities in the hostile EMS & Cyber Landscape"	
Closing speech and <i>Certificates ceremony</i>	