2020 High Level Cybersecurity Conference

"EU regulation for the management of cyber risks: time for implementation"

04-05 March 2020, Madrid, Spain

Since 2015, EASA has been working on a comprehensive approach to address cybersecurity risks in aviation: Development of an EU cybersecurity strategy, creation of a robust and flexible regulatory framework, promotion and facilitation of information sharing, international harmonization efforts as well as training and research activities.

In order to support those efforts, EASA has been organising different annual international conferences in cooperation with different Member States (2016 in Bucharest, 2017 in Krakow and 2018 in Toulouse).

Initially, these events were focused on the strategic direction to take to address the cybersecurity risks of the European aviation sector. Now that those strategic actions have been defined and are being progressively developed, it is time to focus on their implementation.

This 2020 High Level Cybersecurity Conference, co-organised by EASA and the Spanish CAA (AESA), will focus on key elements essential for the implementation of the future regulatory requirements currently being developed by EASA in coordination with EU Institutions, international regulatory partners, Industry and States, through rulemaking task RMT.0720.

The draft rules propose provisions for the management of information security risks, and would apply to competent authorities and organisations in all aviation domains. The conference will discuss how this can work in practice.

This conference will focus on:

• Coordination between different authorities within the Member States (aviation safety, aviation security, cybersecurity);

• Coordination of implementation of the different cybersecurity regulatory frameworks (future EASA cybersecurity rules, NIS Directive 2016/1148 and Regulation 2015/1998);

• Risk management and information sharing.

AGENDA

DAY 1	Wednesday 4th March 2020

08:30 – 09:30   *Registration*

09:30 – 10:00   *Welcome – Introduction of the event*
- Mrs. Isabel Maestre, Director General, CAA Spain (AESA)
- Mr. Jesper Rasmussen, Flight Standards Director, EASA

10:00 – 11:00   *Keynotes on the importance of a coordinated approach to cybersecurity in aviation both at State and European level and among organisations.*
- Mrs. Svetlana Schuster, Head of Sector - Implementation and Review of the NIS Directive, European Commission, DG-CNECT
- Mr. Jesper Rasmussen, Flight Standards Director, EASA
- Mr. Gerardo Sarmiento, Head of Cybersecurity Unit and CISO, ENAIRE

11:00 – 11:30   *Coffee and Networking Break*

11:30 – 12:00   *Introduction by EASA – How can we regulate to protect against cybersecurity risks*
Scene-setter on the approach followed by EASA, in coordination with the European Strategic Coordination Platform (ESCP), in order to ensure that cybersecurity risks in aviation are managed in a fully consistent and coordinated manner, both at national and European level.

- Mr. Juan Anton, Cybersecurity in Aviation & Emerging Risks Section Manager, EASA

12:00 – 14:00   *What are Member States doing to set up consistent and efficient regulation and oversight for cybersecurity risks*
In this session a number of Member States will introduce the initiatives they have at national level in order to integrate the safety, security and essential services perspectives to cybersecurity derived from the future EASA rules, the Aviation Security regulation 2015/1998 and the NIS Directive 2016/1148. In particular:

- Which policies they have introduced in order to implement the NIS Directive 2016/1148 for essential services and how they are planning to integrate them with the future EASA cybersecurity rules and the cybersecurity provisions of regulation 2015/1998.

- Which organisational structures they are building at State level to ensure adequate coordination between their aviation safety, aviation security and cybersecurity authorities.

- Mr. Javier Candau, Head Cybersecurity Department, Centro Criptológico Nacional, Spain
- Mr. Juan David Nieto, Airports and AVSEC Director, CAA Spain (AESA)
- Mr. Ryszard Tomiak, Chief Specialist, CAA Poland

14:00 – 15:00   *Lunch Break*

15:00 – 16:45   *Panel 1: Challenges for an integrated approach to cybersecurity risks – the different perspectives (safety, security, essential services)*

Following the presentations delivered in the morning by the Member States, this panel will discuss the challenges faced at Member State level in order to:

- Avoid duplication of oversight activities on those organisations subject to several regulatory frameworks, while ensuring that the safety, security and essential services perspectives are taken into account.

- Ensure consistency of incident reporting schemes.

- Ensure the availability of adequate competences both at authority and organisation level.

- Ensure an integrated cybersecurity approach within organisations holding several approvals.

MODERATOR:
- Mr. Juan Anton, Cybersecurity in Aviation & Emerging Risks Section Manager, EASA

PANELISTS:
- Mrs. Hana Guyaux-Pechackova, Policy and Legal Officer – Aviation Security, European Commission, DG-MOVE
- Mrs. Anne Frisch, Director Cybersecurity Programme, DGAC/DSAC
- Mrs. Angeles Pozo, Assistant Director Aviation Security – Europe, IATA
- Mr. Eric Vautier, ACI Europe, Group ADP CISO (Paris Airports)
- Mr. Stefan Schwindt, Principal Product Security Officer, GE Aviation

16:45 – 17:00   *Conclusions of the day*

TBD   *Gala Dinner*

DAY 2	Thursday 5th March 2020

09:30 – 09:50   *Introduction by EASA – Sharing of risks across different organisations*

Scene-setter about the approach followed by EASA, in coordination with the European Strategic Coordination Platform (ESCP) within the Shared Trans-Organisational Risk Management (STORM) initiative, in order to address the cybersecurity risks shared by different organisations. In particular, relating to:

- Identification of interfaces between organisations.

- Comparability of risks assessments.

- Mr. Juan Anton, Cybersecurity in Aviation & Emerging Risks Section Manager, EASA

09:50 – 11:00   *Panel 2: Risk assessment and management principles – How to address shared risks in an interconnected aviation system-of-systems*

This panel will discuss issues related to the performance of risks assessments and how these assessments can be standardised, with the objective of allowing the comparability of risks evaluations performed by interfacing organisations and allowing a certain level of commonality of risk acceptability.

Some particular aspects that will be covered are the following:

- How organisations are currently identifying their interfaces with other organisations and how they are performing risks assessments.
- How organisations are sharing information on risks assessments.
- How authorities from different States are going to interact for the oversight of organisations sharing risks across different countries.
- What standards currently exist or are under revision or development.

MODERATOR:
- Mr. Juan Anton, Cybersecurity in Aviation & Emerging Risks Section Manager, EASA

PANELISTS:
- Mrs. Raquel Chinea, Head of Cargo and Risk Unit, CAA Spain (AESA)
- Mr. Patrick Mana, Cybersecurity Programme Manager – EATM CERT Manager, Eurocontrol
- Mr. Clive Goodchild, Technology Planning Manager, BAE Systems
- Mr. Benjamin Nagel, Senior Cybersecurity Engineer, Lilium GmbH

11:00 – 11:30   ***Coffee and Networking Break***

11:30 – 11:50   ***Introduction by EASA to information sharing initiatives – How do we share information***
Scene-setter about existing initiatives at regional level for the promotion of sharing of operational information.

- Mr. Juan Anton, Cybersecurity in Aviation & Emerging Risks Section Manager, EASA

11:50 – 13:00   ***Panel 3: Sharing of operational information – mutual benefit or national security?***
This panel will discuss the existing challenges in the sharing of operational information as well as possible improvements. Some issues that will be covered are:

- Intellectual property and liability issues

- Sovereignty issues within the Member States

- Possible incentives and rewarding schemes

- How the information reported through the different regulatory reporting schemes can be used for the benefit of the full community and aviation system-of-systems.

- How to establish appropriate networking flows among the different actors (SOCs and CERTS within organisations, national CERTS, Information Sharing Centres, EASA, ENISA…)

MODERATOR:
- Mr. Jesper Rasmussen, Flight Standards Director, EASA

PANELISTS:

- Mrs. Marie-Caroline Laurent, Vice-President Strategic Engagement, Europe, A-ISAC
- Mr. Xavier Depin, Senior Product Security Expert, AIRBUS
- Mr. Marc Lindike, Head of Information Security Assurance, Munich Airport
- Mr. Gerry Ngu, Cybersecurity in Aviation Senior Expert, EASA

13:00 – 13:30   ***Conclusions of the Conference***
- Mr. Jesper Rasmussen, Flight Standards Director, EASA

13:30 – 14:30   ***Lunch***