

ASD

Civil Aviation Cybersecurity Task Force

HLC ESCP, Toulouse, Nov 2018



AeroSpace and Defence Industries
Association of Europe



Civil Aviation Cybersecurity Task Force Participants



ASD CIVIL AVIATION CYBERSECURITY TASK FORCE (CACS TF)

- **CREATION: TASK FORCE DEDICATED TO CYBER CASC CREATED IN OCTOBER 2015, CHAIR, N.FEYT, SECRETARIAT: Y.VIAOQUET**
- **SCOPE:**
 - “Support Cybersecurity for Civil Aviation” – but where to draw the red line..?
 - aircraft, ATM and communications service operators, airport and airlines operations, including maintenance operators
- **TASK:**
 - Develops an ASD position on civil aviation cybersecurity
 - Coordinate sASD inputs to external bodies dealing with this subject such as European Commission DG MOVE, DG CONNECT, DG HOME, External Affairs Action Service (EEAS), ENISA & EASA, ICCAIA, EUROCONTROL, ICAO & ECAC, AIA,, IATA, CANSO
 - Knowns and impulse Standards making organizations: such as EUROCAE, RTCA, SAE, CEN/CENELEC, ETSI
- **EASA/ESCP REPRESENTATION**
 - Voting member of Executive Board ESCP at ESCP (European Strategic Cybersecurity Platform)
 - 2 to 3 participants per workstreams
 - » TAC regulatory :**Stefan Schwindt (GE)**, Cyril Marchand (Thales), Fateh Kaakai,(Thales) Stéphane Chopart,(Airbus) Romuald Salgues (Airbus).
 - » STORM workstream are: Clive Goodchild (BAE), **Patrizia Montefusco (Leonardo)**, Juline Kaci (Thales)
 - » Charter workstream are: Giuliano D'Auria, Olivier De Reydellet.

ASD Position Paper on ESCP

- Definitively supporting EASA through ESCP
- Define High level objectives for manufacturing Industry and for operators in order to have “quick wins” in the increase of the protection&resilience.
- Three main strategic and tactical concerns.
 - Facilitate International coordination
 - Support strategy with definition of deliverables and milestones in the ESCP tactical action plan
 - Clarify incremental steps for in-service systems or products & define “quickwins” or minimum requirements through AMCs



Technical Paper - Civil Aviation Cybersecurity

Contact: Yoann Viaouet

Technical Position Paper of the ASD Civil Aviation Cybersecurity Taskforce: EASA activities in the field of cybersecurity

June 2018

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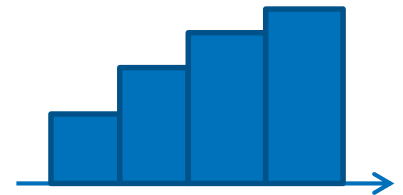
About ASD

The AeroSpace and Defence Industries Association of Europe represents the aeronautics, space, defence and security industries in Europe in all matters of common interest with the objective of promoting and supporting the competitive development of the sector. Its membership comprises major European aerospace and defence companies as well as national associations.

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How to move forward ? From strategy to tactical

- Relay and support transversal rule on its national, european and international level for each representative organisation like ASD do
- **Raise progressively** the level of air transport cyber resilience in a phase stepped approach and starting with a minimum set of cybersecurity objectives levels
- **Prepare “quick wins” and “minimum sec requirments” in the future AMCs**
 - **Leverage existing cybersecurity standards and/or best practices** when available and applicable



Back up Already published Position paper



Position Paper - Civil Aviation Cybersecurity

Contact: Yoann Viaouet

Position Paper of the ASD Civil Aviation Cybersecurity Taskforce

April 2017

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Mr Vincent De Vroey
Civil Aviation Director
Aerospace and Defence Industries
Association of Europe (ASD)
Montoyestraat, 10
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Belgium

Subject: Civil Aviation cybersecurity / ASD technical position paper

Dear Mr De Vroey,

Mr Ky would like to thank you for your e-mail dated 24 April 2017 where you submit the "Position Paper of the ASD Civil Aviation Cybersecurity Task Force", and I apologize for the late reply. He asked me to reply on his behalf.

This paper describes the needs and priorities that ASD has identified to mitigate the civil aviation cybersecurity threat, and we are glad to see that they are generally in line with the views of the Agency. In fact, the Agency is already fully engaged in activities such as:

- Promoting and participating in any related ICAO initiatives, not only on those directly linked to Cybersecurity but also on those that may have an interface, such as for example the ICAO Airworthiness Panel.
- Cooperating with other regulatory partners in order to ensure appropriate coordination and harmonization of requirements.
- Developing a strong and flexible regulatory framework, based on high-level, performance-based requirements, and further supported by appropriate guidance material and Industry Standards.
- Establishing an European Centre for Cybersecurity in Aviation (ECCSA) which supports all the information-sharing initiatives.

These activities are part of a broader plan that the Agency is developing in order to create the proper environment under which all the aviation actors are prepared to effectively address the cybersecurity risks faced by the aviation sector.

Furthermore, and in order to ensure full coordination and involvement of all affected parties, not only at the technical level but also at the higher political level, the Agency has established an European Strategic Coordination Platform (ESCP) composed of an Executive Committee and a Technical Committee with different work streams.



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