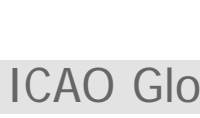




IFATCA	ICAO	EUR	Other	Calendar
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Information for MAS & IFATCA Reps

Meeting Report APDSG #85



A few topics were successfully resolved, like CF LOA, Doc 7030 6.2.5.1.1. Future topics will be 5ANNC and U-Space.

- IFATCA Meeting Report by Thorsten Raue ([Thorsten.raue@gdf.de](#))

[Learn more](#) (IWEN-NET Login required)

ICAO Global

Get ahead in your career with our self-paced courses



E-Learning Newsletter

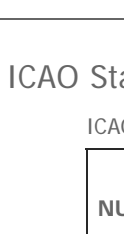
Featured Courses:

- Safety Information Protection - 3 hours
- Safety Management - 13 hours
- National Aviation Safety Plan - 6 hours
- Overview of Unmanned Aviation Fundamentals - 2 hours
- Public Health Corridor - 3 hours
- Aviation Data-driven Decision Making (AD3M) - Part 1 - 8 hours

For any questions : email to aviationtraining@icao.int

[Learn more](#)

ICAO forecasts complete and sustainable recovery and growth of air passenger demand in 2023



Using advanced big data analytics, ICAO forecasts that air passenger demand in 2023 will rapidly recover to pre-pandemic levels on most routes by the first quarter and that growth of around 3% on 2019 figures will be achieved by year end.

"Assuring the safe, secure, and sustainable recovery of air services will be key to restoring aviation's ability to act as a catalyst for sustainable development at the local, national and global levels, and will consequently be vital to countries' recovery from the broader impacts of the COVID-19 pandemic," remarked ICAO Council President Salvatore Sciaccitano.

[Learn more](#)

Make a difference in aviation safety: Enrol in our courses



Flight Safety and Safety Management Training Newsletter

Featured Courses:

- Safety Management for Practitioners
- Using the Technical Instructions for the Safe Transport of Dangerous Goods by Air
- COVID-19 Aviation Safety Risk Management for CAAs
- Aviation Data-driven Decision Making
- Unmanned Aviation Fundamentals
- State Safety Programme
- Government Safety Inspector Operations – Air Operator Certification
- Government Safety Inspector – Personnel Licensing
- Government Safety Inspector Operations – Air Cargo Certification
- Government Safety Inspector Airworthiness – Air Operator and Approved Maintenance Organization Certification

[Learn more](#)

ICAO State Letters

ICAO State Letters supplies information which may or may not require action.

NUMBER	SUBJECT	DATE	IFATCA RESPONSE DUE BY	LAST DATE/ IFATCA RESPONSE
2023/07 click here	Proposals for the amendment of Annex 4, PANS-OPS (Doc B168), Volumes I and II and PANS-AIM (Doc 10066) concerning charting navigation specifications and accuracies, instrument flight procedures (IFP) for helicopter performance-based navigation (PBN) operational altitudes on instrument procedures, quality assurance for flight procedure design and maintenance of criteria	20/01/2023	06/07/2023	20/07/2023
2023/01 click here	Proposals for the amendment of Annex 3, the new PANS-MET and consequential amendments to Annexes 6, Parts I, II and III, to, Vol. II, 11, 15, PANS-ABC, PANS-AIM and PANS-ATM arising from the fifth meeting of the Meteorology Panel (XLT/15)	26/01/2023	No Response Required	26/07/2023
2022/108 click here	Proposals for the amendment of Annexes 2, 10, Volume II, PANS-ATM (Doc 4444), PANS-AIM (Doc 10066) and consequential amendments to Annexes 1, 6, Parts I, II and III, 9, 11, 16, Volume IV, PANS-OPS, Volume III (Doc 8168), and PANS-ABC (Doc 8400) concerning the initial implementation of the flight and flow – information for a collaborative environment (FF-ICE) Services	29/12/2022	06/06/2023	29/06/2023
2022/106 click here	Proposed amendments to Annex 10, Volume III, related to 24-Bit aircraft address and the fourth meeting of the Surveillance Panel (SP/4)	22/12/2022	06/06/2023	22/06/2023
2022/85 click here	Proposals for the amendment of Annex 13 arising from the sixth meeting of the Accident Investigation Panel (AIGP/6)	14/10/2022	31/03/2023	14/04/2023
2022/70 click here	Proposed new Annex 6, Part IV, and consequential amendments to Annexes 1, 2 and 8 related to international remotely piloted aircraft systems (RPAS) operations in controlled airspace/aerodromes arising from the eighteenth meeting of the Remotely Piloted Aircraft Systems Panel (RPASP/18)	23/08/2022	07/02/2023	23/02/2023

[Learn more](#)

ICAO Electronic Bulletins

ICAO Electronic Bulletins merely supplies information and do not require action.

NUMBER	TITLE	DATE
EB 2023/06 click here	Risk Assessment Prior to Introduction of COVID-19 Air Travel Requirements	2023-01-16
EB 2023/05 click here	Programme of ICAO Meetings for 2023, 2024 and 2025	2023-02-01
EB 2023/04 click here	ICAO Member States Access to ICAO Publications	2023-01-13
EB 2023/03 click here	New Annex Amendments	2023-01-31
EB 2023/02 click here	ICAO Universal Safety Oversight Audit Programme — Activity Plan	2023-01-27

[Learn more](#)

European Region (EUR)

EUROCONTROL Aviation Learning Centre webinars and events



Learning Zone

Dear Webinar attendees,

We are pleased to invite you to the webinar which will take place next week.

Use cases of HSI from different industries

- Date and time :** Tuesday 14/02/2023 - 15:00 CEST
- Duration :** 90 minutes
- Presenter:** **Guy Andre BU** - Engineer, Cognitive Scientist, Professor @ FLEXTech CHAIR UNIVERSITY, CENTRALESUPELEC & ESTIA INSTITUTE

Human Systems Integration (HSI) is a contemporary field of expertise that deals with technology, human and organizational issues in the design and operations of complex socio-technical systems. Several industrial projects will support this future, including the design of an oil-and-gas multi-robot remote control and management platform, a future air combat system, a digital tower, and a health system where general practitioners are at the center. In all cases, we will describe how the PRODEC approach can be used to support human-centered design of related socio-technical systems. Several bridges will be presented between these applications and potential future air traffic management (ATM) developments. We will show both commonalities and differences between the various domains (industrial sectors). More specifically, we will try to set up a series of challenges the HSI could address, and ways resulting problems could be solved.

[REGISTER HERE](#)

ROMATSA - Best practices on enhancing sector throughput

- Date and time :** Thursday 16/02/2023 - 10:00 CEST
- Duration :** 60 minutes
- Presenter:** **Adrian NICULAE** - Air traffic Controller, On Job Training Instructor, Team Supervisor, Operational ATM system Coordinator @ ROMATSA

The Operational Excellence Programme aims at identifying and implementing best-in-class operational and technical evolutions to deliver harmonised common operational capabilities among all operational stakeholders.

The Programme entails a number of work-streams (WSTs) and WST05 addresses topics for "Enhancing sectors throughput, including occupancies".

Champion ANSPs per work-stream share their best practices on the topics of the work-stream.

In this webinar ROMATSA offers an overview of the evolutions allowing the achievement of higher sector throughput, including CPDLC, ATC support tools, OLDI exchanges and what if probing tools for traffic complexity and MTCD.

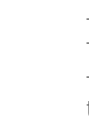
[REGISTER HERE](#)

These webinars are open for registration!

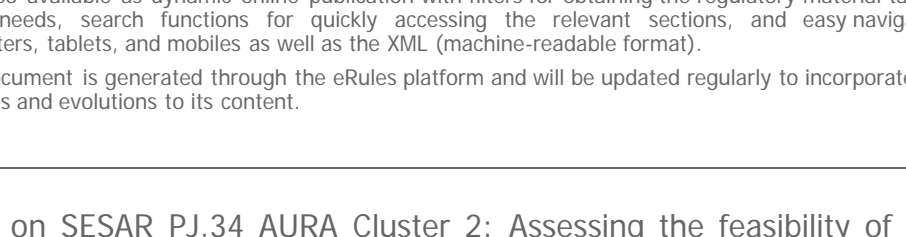
Feel free to share with your colleagues!

[Learn more](#) (click links above)

EUROCONTROL Data Snapshot #39 analyses how ransomware groups target aviation's supply chain



Quarterly reported ransomware events in Europe affecting aviation



Worldwide share of reported ransomware events



The global air transportation system is a critical part of society. A key feature of the system is its high level of connectivity between different stakeholders and its increased digitalisation; however, the more digitalised, the more there is the risk of cyber-attacks. The challenge is to keep the system cyber-resilient – to keep risk at an acceptable level despite cyber-attacks.

This data snapshot shows the number of ransomware attacks which affected aviation in 2021 and 2022 (ransomware is a type of malicious software designed to block access to a computer system by encrypting its files until a sum of money is paid). The timeline on the left shows how many incidents have been reported in Europe on a quarterly basis. As can be seen on on the right, the majority of incidents impacted original equipment manufacturers (OEMs).

Since 2021, we have had a clearer idea of the scale of the problem thanks to more incidents and events being shared by European aviation stakeholders with EUROCONTROL/EATM-CERT (our Computer Emergency Response Team). On the global level, similar patterns emerge; we are aware of approximately 2.5 reported ransomware attacks per week on aviation-related organisations.

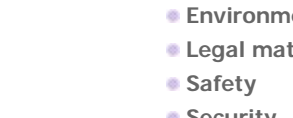
Ransomware is a worrying category of cyber-attacks; cyber criminals have changed their strategy to focus on companies able to pay large sums (so-called "big game hunting") – the ransom is around 5% of the annual revenue). As shown, ransomware mostly affects the extensive aviation supply chain. This has disruptive consequences on the whole sector, beyond the company being directly affected.

Since early 2022, the conflict in Ukraine has affected the activity of some ransomware groups. As a significant number of these groups rely on Russian resources, some groups re-oriented their activities to cyber-attacks supporting Russian forces and propaganda. Thus the number of attacks in Europe dropped down to 73. However, we do expect to see an increase in ransomware incidents again in 2023.

When stakeholders subject to a ransomware incident share information about such an attack with EATM-CERT, they help improve the cyber-resilience of the overall European aviation – as EATM-CERT can inform other stakeholders about the techniques that each ransomware group systematically uses.

[Learn more](#)

EASA published the updated Easy Access Rules for ATM/ANSI Revision from February 2023 is out now!



The European Union Aviation Safety Agency has published a new revision of the Easy Access Rules for Air Traffic Management/Air Navigation Services.

This Revision from February 2023 incorporates the [ED Decision 2022/023/R](#) of 16 December 2022 issuing the Acceptable Means of Compliance and Guidance Material to Annex IV (Part-ATS) to Commission Implementing Regulation (EU) 2017/373 to support the implementation of the U-space Regulation (Commission Implementing Regulation (EU) 2021/665).

It is also available as dynamic online publication with filters for obtaining the regulatory material tailored to one's needs, search functions for quickly accessing the relevant sections, and easy navigation for computers, tablets, and mobiles as well as the XML (machine-readable format).

The document is generated through the eRules platform and will be updated regularly to incorporate further changes and evolutions to its content.

[Learn more](#)

Open Day on SESAR PJ.34 AURA Cluster 2: Assessing the feasibility of information exchange via ATM U-space interface



PJ.34 AURA Open Day Cluster 2: Assessing the feasibility of information exchange via ATM U-space Interface

On 2 March 2023

Location: Vienna – Austria

The SESAR AURA project is pleased to invite you to the Open Day organised by Frequentis focused on the theme of simulated data exchange between U-space and ATM systems in terms of information to be shared. **Save the date!**

This session will give an overview of the validation exercise conducted by HungaroControl, PANSA/DroneRadar, Honeywell, Thales, Indra, Airbus and Frequentis at two locations in Budapest (ATC tower simulator and a golf course for real flights) from 28th of November until 30th of November 2022. Five information exchange services (for operation plans, telemetry, operational messaging, performance monitoring and geographical zone information) were used to simulate data exchange between two ATCs, two CIS providers, five U-Space Service Provider (USSP) and drone operators. Both real and simulated flights were performed, all of them reflecting realistic scenarios for optimal learning opportunities. Trajectories were handled by the system as lines or volume of airspace to optimise operator integration. Furthermore, no-fly zones were established during the runs to test the reaction of both humans and systems in the loop.

Cluster 2 successfully validated the exchange of U-space information with ATM through SWIM and demonstrated the technical feasibility of the concept.

The agenda will be shared soon.

To participate, contact caroline.holttschmidt@frequentis.com before 26 February 2023, to indicate your presence on site (Frequentis Headquarter in Vienna, Austria).

The project has received funding from the SESAR Joint Undertaking under the European Union's Horizon 2020 research and innovation programme under the Marie Skłodé Curie grant agreement of 101019154

Assessing the feasibility of information exchange via ATM U-space interface

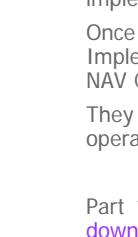
Open day on SESAR PJ.34 AURA Sol. 1 Cluster 2

2 of March 2023
10:00 – 17:00
in Vienna (Austria)

Save the date!

[Learn more](#)

ECAC Weekly Press Review - 6 February 2023



Topics:

- ECAC & Organisations**
- Airlines & Airports**
- Economic matters**
- Environment**
- Legal matters**
- Safety**
- Security**
- UAS**
- Other news**

[Learn more](#)

ECAC NEWS POINT JANUARY 2023



Topics:

Diversity

- Inaugural meeting of the ECAC Network on Diversity and Inclusion

Security

- Guidance Material Task Force plans new guidance on technical innovations in 2023
- Explosive detection dog experts consider 2023 priorities
- Third CEP awareness training for ECAC Member State security experts
- First cyber training course in 2023

Environment

- Focus on understanding sustainability requirements applicable to SAF at the monthly ECAC webinar on basic knowledge on aviation and the environment
- Sustainable Aviation Fuels Task Group reviews draft SAF guidance

Economic matters

- Preparations begin for the 2023 ECAC/EU Dialogue with the air transport industry

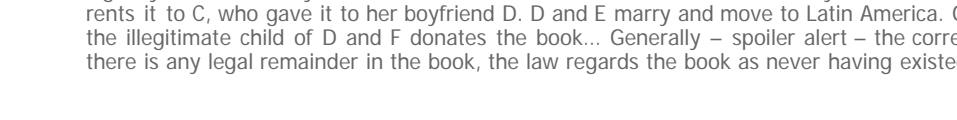
News from the Secretariat

WHAT'S ON AT ECAC IN FEBRUARY?

[Learn more](#)

Other Information

The Aviation & Space Journal, Year XXI, n. 4/2022



We are pleased to share with you the latest issue of The Aviation & Space Journal, Year XXI n. 4/2022.

AVIATION

- The Passengers' Rights Ombudsman in Poland. A New Type of Dispute Resolution Between Air Passengers and Airlines

by **Piotr Kasprzyk**

SPACE

- An Analysis of the Long-term Sustainable Development Path of Outer Space – Win-Win Cooperation

by **LU Yu**

- Powering the Innovation and Technological Creativity Flywheel with Nano-Satellites

by **Luisa Santoro**

- Rising Opportunities in the Satellite Connectivity Market: Eutelsat and OneWeb Combination

by **Sara Dalledonne**

MISCELLANEOUS MATERIAL OF INTEREST

- The Proposal for the New Italian National Airport Plan: Opportunities and Objectives

by **Carla Bonacci and Francesca Melega**

- Introduction to Air Law, Eleventh Edition, by Pablo Mendes de Leon

book review by **Anna Masutti**

- The Law of Unmanned Aircraft Systems, Second Edition by Benjamin Scott

book review by **Agata Di Guardo**

- La Juste Culture Aeronautica nel Sistema Penale Italiano. Una Difficile Integrazione by Marco Di Giugno Marco and Michele Pilla

book review by **Anna Masutti**

EVENTS

- 15th European Space Conference, Securing the Future of Europe in Space, Brussels, 24-25 January 2023
- European Air Law Association (EALA), 13th Liability Seminar, Berlin, 3 February 2023
- 13th MGII University and PEOPLE Annual Conference, International Aviation: Liability, Insurance & Finance, Paris, 21-22 April 2023
- ICUAS Association, International Conference on Unmanned Aircraft Systems, Warsaw, 6-9 June 2023
- Worldwide Airport Lawyers Association (WALA) Annual Conference, Paris, 28-30 June 2023

[Learn more](#)

CANSO Academy: Introduction to Datalink: Part 2

CANSO ACADEMY: INTRODUCTION TO DATALINK: PART 2 - PLANNING AND IMPLEMENTATION

23 February, 13:00 – 14:30 CET

We are now just under two weeks away from the second of our two part webinar series, Introduction to Datalink.

Having introduced and discussed Datalink Operations in part 1, this webinar will expand that conversation to look at ATSP planning for Datalink operations, requirements and interoperability standards, and implementation readiness.

Once again, Lisa Bee, Director of Air Traffic Services, Inmarsat, and Chair of the CANSO Datalink Implementation Task Force, will be joined by Shelley Bailey, International Coordination Air Traffic Specialist, NAV CANADA, and Ricardo De Sousa, CNS Strategy Lead, NATS.

They will discuss the various steps needed to implement Datalink, looking at how to define concept of operations, coordination with stakeholders, and system preparation.

[REGISTER HERE](#)

Part 1 of our series gave a general overview of Datalink and its capabilities. [You can watch the replay](#), [download the slides](#), and [see the Q&A from that webinar here](#).

[Learn more](#) (click links above)

Event underlining the need for rapid disembarkation procedures

On 15 December 2019, an aircraft turned back to Sydney shortly after departure when a major hydraulic system leak was announced. The return was uneventful until engine shutdown after clearing the runway following which APU use for air conditioning was followed by a gradual build up of hydraulic haze and fumes which eventually prompted an emergency evacuation. The investigation found that fluid leaking from ruptured rudder servo hose had entered the APU air intake. The resulting evacuation was found to have been somewhat disorganised with this being attributed mainly to a combination of inadequate cabin crew procedures and training.

[Learn more](#)

Weekly Security Articles of Interest - 10 February, 2023

Sent by : SAE Staff Representative: Dorothy Lloyd, Standards Specialist, Aerospace Standards

The articles have been curated by an independent team of subject matter experts to raise awareness of contemporary cyber-physical security issues with systems, software and hardware assurance. If you are unable to view the article, please verify the article by email and check the image of any attachments from your system.

Topics:

- For a list of events to attend
- Events - Online
- Events - In-person
- Request for comments
- Patches/Advisories
- Podcasts/Videos
- Regulations
- Reports - Government
- Reports - Industry
- White House
- Articles of Interest
- Subscription Required

[Learn more](#)

That Was The Week That Was 30 Jan-03 Feb 2023

Your Exam Starts Now

Sometimes life presents those that teach with a real live case, that would make a perfect exam question, if only you had thought of it first. Once it has happened, all you can do, and I speak here from experience, is one that teaches, is file it away in the hope that eventually all will be forgotten, and you can wheel it out, looking creative, on the grounds that it could not possibly have happened in real life and that is question is nothing more than the workings of a sleep deprived and desperate mind...

For those lucky enough not to have studied law, you will not be aware of the style of question the subject Conflict of Laws presents to students. This is the study of what to do when there are arguably two different legal systems that may have a claim to decide the issue. Questions usually start: A has a book, B steals it, rents it to C, who gave it to her boyfriend D, D and E marry and move to Latin America. On their divorce, G, the illegitimate child of D and F donates the book... Generally – spoiler alert – the correct answer is that if it was a legal right to have the book, the law regards the book as never having existed, but I digress.