

Information for IAS & IFATCA Reps

IFATCA - The Controller - October 2022



Dear reader/s subscriber.

It is our pleasure to present the latest electronic issue of The Controller. Our magazine is available on a variety of platforms:

- **The IFATCA website:** <http://the-controller.ifatca.org>, where issues can be read from within your browser. While this can be read on mobile devices, it does require you to be online (and your provider may charge you for this).
- For the best experience, we recommend to select the full screen option via the toolbar on top of the pages.
- **Mobile Devices (tablets):** We've switched to issuu.com for the best experience on mobile devices. The issuu.com app, which allows you to read The Controller offline on your tablet, can be downloaded via <http://ios.the-controller.net>, <http://android.the-controller.net> and <http://windows.the-controller.net>. Best of all, the issues are available for free – look for IFATCA once you've started the app.
- **PDE Version:** download the pdf version of the latest issue. This file is about 5.0 Mb in size and requires a PDF viewer to be able to read it. A higher quality version is available via this [link](#) (50 Mb).
- **For Member Associations:** a print-ready PDF version (about 50 Mb) can be downloaded that can be used as a poster for your members. Alternatively, issuu.com/ifatca also offers a printing service. Please visit <http://issuu.com/ifatca> for more details. Associations that have profits downloading these files can contact our Montreal office via office@ifatca.org.

Besides being free, an electronic issue also offers new possibilities to interact with the content. Links in articles and adverts can be clicked and open to the relevant pages.

Feedback is always welcome and if you know anyone that might be interested in The Controller and IFATCA, please encourage them to [subscribe to our magazine](#) and/or forward this mail to them.

On behalf of the Editorial Team, I hope you will enjoy this latest issue of The Controller.

Philip Marien & Nicola Ni Riada
IFATCA Comms Team

[Learn more](#)

20th October - Day of the Controller

Dear Member Associations,

As you know, on October 20th, we will be celebrating the International Day of The Controller, as well as the 100 Years Air Traffic Control. We have put together a folder containing material you may wish to use to promote both.

The folder can be accessed using the following link:
https://www.dropbox.com/sh/p13ei8a02mwdh/AABYeD5-vwdw_VWwJcMs76xoa7di?dl=0

The folder contains the following:

- a print-ready copy of The Controller - note that this is only for printing - if you need the electronic version to distribute to your members, please use https://issuu.com/ifatca/docs/controller_2022_01_hq
- the poster for the international day of the controller - both a print ready version and a normal image
- poster versions of the 100 faces/towers/ways to say air traffic controller (also in The Controller)
- a teaser for the 100 Years ATC book, that will be distributed at the regional meetings

Kind regards,
Philip Marien & Nicola Ni Riada
IFATCA Comms Team

[Learn more](#)

ICAO Global

ICAO Assembly elects new Council Member States for three-year term

The 41st Session of the Assembly of the International Civil Aviation Organization completed the election of its new Council on 4 October 2022. The 36-member Council is the governing body of the Organization and is elected for a three-year term.

[Learn more](#)

ICAO Assembly security and facilitation decisions to drive important post-pandemic enhancements to air transport system resilience

The key implications of the COVID-19 pandemic for global air transport were addressed in several key air transport facilitation decisions adopted during ICAO's 41st Assembly.

The triennial meeting closed at ICAO Headquarters in Montreal, Canada today, concluding the latest efforts by ICAO Member States to forge diplomatic consensus on ICAO's budget and work programme for the next three years, which includes a number of key priorities:

“The achievement of ICAO's high level Conference on COVID-19 have factored into States' agreements in the area of Air Transport Facilitation, and notably in terms of its recommendations on the need for a contactless digital passenger experience to be achieved, supported by new public health related ICAO provisions,” remarked ICAO's Council President Salvatore Sciacchitano.

[Learn more](#)

States adopt net-zero 2050 global aspirational goal for international flight operations

Concluding its week-long of intensive diplomacy by over 200 delegates from 184 States and 70 organizations at the 41st ICAO Assembly, ICAO Member States adopted a collective long-term global aspirational goal of net-zero carbon emissions by 2050.

The achievement of the IATG will rely on the combined effect of multiple CO2 emissions reduction measures, including the accelerated adoption of new and innovative aircraft technologies, streamlined flight operations, and the increased production and deployment of sustainable aviation fuels (SAF).

“States' adoption of this new long term goal for decarbonized air transport, following the similar commitments from industry groups, will contribute importantly to the green innovation and implementation momentum which must be accelerated over the coming decades to ultimately achieve emissions free powered flight,” stressed the President of the ICAO Council Mr. Salvatore Sciacchitano

[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
2022/91 click here	Forty-first Session of the Assembly, Montreal, 27 September to 7 October 2022	14/09/2022	No Response Due	
2022/88 click here	Establishment of the Trust Framework Panel (TFP)	15/09/2022	No Response Due	
2022/75 click here	Adoption of Amendment 48 to Annex 6, Part I	29/07/2022	No Response Due	18/11/2022
2022/70 click here	Proposed new Annex 6, Part IV, and consequential amendments to Annexes 1, 2 and 8 related to international remote pilots operations (IRPO) and remote aircraft systems (RAS) operations in controlled airspace/aerodromes	23/08/2022	07/02/2023	23/02/2023
2022/68 click here	Proposals for the amendment of PANS-ATM (Doc 4444) concerning separation minima based on an ATIS surveillance system arising from the third meeting of the Separation and Airspace Safety Panel (SASP/3)	07/07/2022	20/12/2022	07/01/2023
2022/61 click here	Proposals for the amendment of Annex 16, Volume IV, concerning Standards and Recommended Practices relating to environmental protection – Carbon Offsetting and Reduction Scheme for International Aviation (CO2RIA)	25/07/2022	07/10/2022	19/10/2022
2022/60 click here	Proposals for the amendment of Annex 16, Volume III, concerning Standards and Recommended Practices relating to environmental protection – aircraft noise	21/07/2022	07/10/2022	
2022/59 click here	Proposals for the amendment of Annex 16, Volume II concerning Standards and Recommended Practices relating to environmental protection – aircraft engine emissions	19/07/2022	07/10/2022	19/10/2022
2022/58 click here	Proposals for the amendment of Annex 16, Volume I concerning Standards and Recommended Practices relating to environmental protection – aircraft noise	19/07/2022	07/10/2022	19/10/2022
2022/47 click here	Proposals for the amendment of Annexes 11.12 and PANS-ATM (Doc 4444) concerning the Global Aeronautical Distress and Safety System (GADSS), remote air traffic services (ATIS) and special procedures for in-flight weather contingencies	27/04/2022	13/10/2022	27/10/2022
2022/24 click here	Proposals for the amendment of Annex 12 arising from the twenty-seventh meeting of the International Civil Aviation Organization/International Maritime Organization (ICAO/IMO) Joint Working Group on Harmonization of Aeronautical and Maritime Search and Rescue (JWG-SAR/27)	21/04/2022	07/10/2022	21/10/2022

ICAO Electronic Bulletins

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

NUMBER	TITLE	DATE
EB 2022/41 click here	Third Edition of The ICAO Aviation Security Global Risk Control Statement — Doc 10108 (Restricted)	2022-09-26
EB 2022/35 click here	Registration and Submission of Credentials for the 41st Session of the ICAO Assembly (Montreal, 27 September to 7 October 2022)	2022-09-29

European Region (EUR)

Join the European Concept of Higher Airspace Operations (ECHO) Validation Workshop on 6-7 December 2022 in Brussels

As part of the [ECHO](#) (European Concept of Higher Airspace Operations) project, EUROCONTROL is organising its third and final workshop on **6 and 7 December 2022** at its Brussels Headquarters (more info on the location [here](#)).

About the workshop

This public workshop aims to bring together the wide European Higher Airspace Operations Stakeholder community to:

- Recap on outcomes of previous 2 ECHO Workshops;
- Create awareness of developments in Space Traffic Management;
- Create awareness on regulatory developments;
- Present/obtain final feedback on draft ConOps;
- Validate the final ConOps.

The ECHO project partners will provide the main inputs for the workshop, as follows:

- Scene setting (ECHO in context);
- Use cases;
- Draft Final ConOps document (distributed to registered participants in advance of the workshop).

The full agenda will be available in the coming weeks.

[Learn more](#)

ECAC Weekly Press Review - 3 October 2022

Topics:

- **ECAC & Organisations**
- **Airlines & Airports**
- **COVID-19**
- **Economic matters**
- **Environment**
- **Safety**
- **Security**
- **UAS**
- **Other news**

[Learn more](#)

EU Drone Days, 29-30 November 2022

Launch of European Commission's Drone Strategy 2.0
29 November 2022 (afternoon)
SESAR 3 JU U-space showcase
30 November 2022 (full day)

The Directorate General for Mobility and Transport (DG MOVE) and SESAR 3 Joint Undertaking are organising the EU Drone Days, taking place 29-30 November in Brussels, Belgium. Over the course of the event, participants will gain key insights into the Commission's Drone Strategy 2.0., and join in discussions on how ready the European drone sector is to make U-space a reality. Participants can also enjoy an exhibition of the latest industry innovations in urban air mobility and SESAR 2020 U-space projects.

[Learn more](#)

SEPTEMBER 2022
ECAC NEWSPOINT #9
European Civil Aviation Conference monthly news

Contents:

- Focus on financing climate aviation ambitions at the monthly ECAC environment webinar
- Sustainable Aviation Fuels Task Group refines guidance and reviews progress
- Aviation cyber security experts make progress on new guidance and recommendations
- New training documents for the ECAC Aviation Security Handbook
- ET task force develops guidance on the role of technical innovations in addressing emerging threats
- Explosive Detection Dogs Study Group sets out plans for 2023
- Legal Task Force
- European preparations for the ICAO Assembly
- Events and meetings

[Learn more](#)

MEPs Revamp Pandemic Relief Measures for Aviation Sector

To better reflect increasing air traffic, Parliament updated the take-off and landing slots rules for airlines and kept some exceptions introduced during the pandemic.

Due to rebounding air-traffic demand, MEPs set a path towards a gradual return to the 'use it or lose it' rules on the allocation of slots at EU airports, which were suspended from March 2020 to March 2021 to respond to the pandemic and then gradually reinstated for the following seasons.

As of 30 October 2022, airlines would have to use 75 % of their planned take-off and landing slots (instead of the 90% requirement before the pandemic) in order to keep them the following season. From the 2023 summer season, the standard 80% slot utilisation requirement will apply.

[Learn more](#)

EUROCONTROL Aviation Learning Centre webinars and events

Learning Zone

Dear Webinar attendees,

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

Role of people in the Interconnected systems (human element in large complex systems)

- **Date and time:** Tuesday 11/10/2022 - 15:00 CEST
- **Duration:** 90 minutes
- **Presenter:** Prof. Guy Andre Boy - Engineer & Cognitive Scientist @FlexTech Chair University Professor, CentraleSupélec (Paris Saclay University) & ESTIA Institute

Complexity is a major issue in our 21st century socio-technical systems. It results from the increasing interconnection of human and machine systems. As a result, people's roles change, becoming more cognitive and even socio-cognitive.

How organizations change as a result of the expansion of digital systems is crucial to identifying. More generally, the focus must be simultaneously on technology, organizations and people (the TOP model) throughout the life cycle of these interconnected socio-technical systems.

A systemic representation that (1) homogenizes people and machines' attributes and properties will be presented for the analysis of tasks, activities, functions and structures, and (2) supports agile development of underlying socio-technical systems. In addition, the scenario-based design PRODEC method will be presented. PRODEC is based on the decomposition of procedural and declarative scenarios, as well as maturity evaluation metrics. Several examples will taken into account aeronautics and other relevant industrial sectors.

[REGISTER HERE](#)

EUROCONTROL surveillance monitoring services

- **Date and time:** Thursday 13/10/2022 - 10:00 CEST
- **Duration:** 90 minutes
- **Presenters:**
 - **Dean Garfield** - ACAS specialist @ EUROCONTROL
 - **Petr Jonas** - ATM/CNS Expert @ EUROCONTROL
 - **Andrew Lewis** - Manager European Regional Monitoring Agency @ EUROCONTROL
 - **Eric Potier** - Head of CNS monitoring @ EUROCONTROL

Good operation of surveillance systems and aircraft avionics is crucial for provision of air navigation services and for the safety of air traffic in busy European airspace. Obtain an overview of the Avionics and Services that Network Manager provides as part of the Surveillance Interrogators and Avionics, ACAS & Altimetry Monitoring (SIAMM). The main objectives of this service is to detect and report aircraft avionics or other surveillance systems with poor performance focusing on:

- the good operation of surveillance avionics and ACAS;
- the level of use of the 1030/1090 MHz surveillance frequencies generated by surveillance interrogators;
- the good operation of aircraft altimetry system.

The service is enabled by general central and distributed tools, which includes:

- a tool that automatically detects surveillance avionics and ACAS interoperability anomalies;
- a ticketing system to manage issues detected by the automatic tool or reported by ANSPs operational and technical teams;
- a central data-base to store information collected for each aircraft monitored;
- a network of 1030/1090 MHz receivers with a central application collecting and automatically analysing the information;
- a 1030/1090 MHz RF model;
- a system to measure altimetry error;
- an RVSM approval database.

[REGISTER HERE](#)

Our webinars are open for registration
Feel free to share with your colleagues!

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

Other Information

Join Airspace World - the largest global meeting of air space management professionals

AIRSPACE WORLD 2023

GENEVA, SWITZERLAND
6-10 MARCH 2023
BOOKING CLOSING DATE

Join Air Traffic Technology at Airspace World (formerly World ATM Congress), owned and produced by the global aviation association serving the ATM industry. Airspace World is the largest and most influential event for the ATM, space, and UTM industries, connecting you with thousands of your peers and industry suppliers.

[Learn more](#)

Brought to you by CANSO - Virtual Training for ATC – Adapting to a New Normal

CANSO AIRWAYS
making your world possible

VIRTUAL TRAINING FOR ATC – ADAPTING TO A NEW NORMAL
20 October 2022, 08:00 – 09:30 CEST

CANSO has teamed up with Airways New Zealand to bring you a new and exclusive webinar looking at how the virtual training of air traffic controllers is becoming more and more prevalent.

As new and increasingly disruptive technologies reshape and transform the aviation world, with air traffic control training providers have had to redefine their thinking, and their training models, to keep up with the pace of change. That pace has accelerated throughout the COVID-19 pandemic – while the air traffic control sector has traditionally slowly to adopt advanced digital learning technologies, the pandemic was a catalyst for change when borders closed and travel restrictions halted face-to-face training.

[Learn more](#)

ATM News 3 October 2022

Welcome to ATM News, featuring the latest updates, developments and opportunities from our members and CANSO.

Contents:

- ATM Industry set to gather at CANSO Asia Pacific Conference
- NATS-backed drone distribution consortium wins top Scottish Transport Award
- EXAIRRE improves flight efficiency by making greater use of continuous descent operations
- Remote Tower Brunswick will be equipped with KVM systems from G&D
- FAA releases Vertipod design standards to support the safe integration of Advanced Air Mobility Aircraft
- TCAA will deploy Jotron VHF radio systems in Tanzania
- Official re-opening of the Richards Bay Airport
- Spanish government authorises 48 million EUR contract to operate air traffic management support systems
- CANSO, NASA and the FAA discuss "Collaborating on our Future Skies"
- Views
- Events

[Learn more](#)

The Aviation & Space Journal Year XXI, n. II-III/2022, April-September 2022

the ASJ AVIATION & SPACE JOURNAL

We are pleased to share with you the latest issue of The Aviation and Space Journal, with a new and revamped design, that you may find also on the website.

With the aim of promoting the Aviation & Space Journal and gathering new opportunities of focus, the Aviation and Space Journal set up a new **Support Committee**, focused on the research and evaluation of contributions for the journal, on the promotion of its activities among young scholars, academics and researchers, and on the maintenance and growth of the value that ASJ has gained over the last 20 years. A mission that will lead the Aviation & Space Journal to a wider dissemination and a new approach to the air and space law journal in the future.

Please find below the list of the Aviation and Space Journal, where you can find the latest issues n. II-III/2022:

Articles:

- The introduction of a regulatory framework for the operation of Unmanned Aircraft Systems (UAS) and aircraft with Vertical Take-Off and Landing (VTOL) capability
By Francesca Melega
- The protection of the environment in the course of air and space activities: legal dimensions
By Aikaterini Vakaki

THE NEWSPACE

- The NewSpace role in the insurance market: profitability goals and its regulatory framework challenges
By Sara Dalledonne and Maria Vittoria Presti
- ESA accelerators: challenges and opportunities
By Maria Vittoria Presti
- Space to Africa
By Luisa Santoro

EVENTS

- International Academy of Comparative Law (IACL), General Congress, Asunción, 23-28 October 2022
- International Bar Association (IBA), Aviation Law Committee, Annual Conference, Miami, 30 October - 4 November 2022
- European Air Law Association (EALA), 32nd Annual Conference, Athens, 3-4 November 2022

[Learn more](#)

Digital Flight: A New Cooperative Operating Mode to Complement VFR and IFR

Digital Flight is a proposed new operating mode for all airspace users, complementing and adding to the existing operating modes of visual and instrument flight rules (VFR and IFR) and providing for cooperative integration in controlled airspace. Under new regulations (Digital Flight Rules, DFR) that set requirements for its sustained use, qualified operators employ Digital Flight to enhance their airspace access and operational flexibility in a number of conditions and eventually all airspace classes without requiring segregation from incumbent operations. Enabled by connected digital information and technologies, Digital Flight operators employ cooperative practices and self-separation to ensure flight path safety in lieu of visual procedures or receiving separation services from Air Traffic Control. Its distributed structure and automated functions enable traffic densities and operational tempos not achievable with the existing operating modes. Various ongoing and emerging industry initiatives for enabling new entrants (e.g., unmanned aircraft systems, urban air taxis) and enhanced use of underserved airspace (e.g., ultra-high-altitude) are pursuing these emerging market segments but will also bolster the existing operators with access to this new operating mode and its advantages. Digital Flight provides an opportunity to focus regulatory development and benefit the aviation industry. This paper describes Digital Flight in sufficient detail to initiate community engagement and deliberation on a common new operating mode. It describes the essential elements, principal capabilities, and operational integration of DFR in shared airspace. It describes the value proposition from multiple perspectives and presents initial thoughts on the path forward.

[Learn more](#)

Separation of arrival and departure aircraft during circling approach

SKYbrary

The latest safety promotion animation from EUROCONTROL focuses on safety risks associated with separation of arrival and departure aircraft when circling approaches are in progress.

Separation of arrival and departure aircraft during circling approach (Sevclip)

[Learn more](#)

Enter the CANSO Global Safety Achievement Award 2022

CANSO GLOBAL SAFETY ACHIEVEMENT AWARD 2022

While 2022 saw a significant return to traffic levels seen before the impact of the COVID-19 pandemic, the speed of the return was not without its challenges for the aviation industry. And that wasn't just the case of well publicised airport issues either. The safety of aviation continues to be the number one priority of all in the industry and 2022 was without its challenges, as passengers returned and conflicts restricted airspace.

With that in mind, it is time once again to recognise those who went above and beyond the safety call of duty, with the launch of the CANSO Global Safety Achievement Award, 2022.

Nominations for the CANSO Global Safety Achievement Award 2022 are now open, giving you the chance to recognise truly outstanding safety successes across the industry. Nominations close on 2 December.

[Learn more](#)

@Weekly Security Items 28-September-2022

SAE INTERNATIONAL

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.

Topics:

- Events - Online
- Events - In-person
- Request for comments
- Patches/Advisories
- Podcasts/Videos
- Reports - Industry
- Legislation
- Metadator
- White House
- Articles of Interest
- Subscription Required

[Learn more](#)

That Was The Week That Was 26-30 September 2022

Aviation Advocacy

Telling it like it is (not)

Lots of things happened this week, the week that was, but we were stopped, stone dead, by this most powerful piece of corporate speak. I defy you to go past it with a straight face.

[Learn more](#)

IWEN Calendar

	IFATCA (International Federation of Air Traffic Controllers' Associations)	EASA (European Union Aviation Safety Agency)	SESAR (Single European Sky ATC Research)	EUROCAE (European Organisation for Civil Aviation Equipment)	EUROCONTROL	EC (European Commission)	EGHD (SES Expert Group on Human Dimensions)	ICB (Industry Consultation Body)	IFALPA (International Federation of Air Line Pilots' Associations)	ICAO Global	ICAO European and North Atlantic (EUR/NAT) Office	ICAO Asia and Pacific (APAC) Office	ICAO Middle East (MID) Office	ICAO South American (SAM) North American, Central American & Caribbean (NACC) Office	ICAO Eastern and Southern African (ESAF) Western and Central Africa (WACAF) Office	NATCA Events	Other
OCTOBER 2022																	
1st SESR 3 JU Annual Conference, Brussels, Belgium																	
CANSO Event - No More Bad Headlines – Working Together to Improve the Efficiency of Aviation 11:00 AM - 12:00 PM GMT																	
Critical Incident Stress Management in Europe: Building the future 10:00 - 17:30 CET																	
Towards Sustainable Aviation Summit - TSAS2022 Toulouse (FRANCE)																	
IFATCA 2022 Americas Regional Meeting, Punta Cana, Dominican Republic																	
IFATCA 2022 Europe Regional Meeting, Brussels, Belgium																	
IFATCA 2022 Africa & Middle East Regional Meeting, Mombasa, Kenya																	
IFATCA 2022 Asia/Pacific Regional Meeting, Radisson Blu, Mactan-Cebu, Philippines																	
NOVEMBER 2022																	
CANSO Event - Asia Pacific Conference 2022, Goa, India																	
RPAS 2022, Montreal, Canada																	
ATCA Global Conference and Exposition, Washington DC, USA																	
75th Annual International Air Safety Summit 2022, Atlanta, Georgia, USA																	
The World Controllers' Cup 2022, Tenerife, Canary Islands, Spain																	
ICAO Drone Enable Symposium 2022, Montreal, Canada																	
Provisional Council (PCF#58), Brussels, Belgium																	
ICB General Meeting/03 14:00-17:00 (CEST)																	
EU Drone Days, Brussels, Belgium																	
EASA Annual Safety Conference 2022, Hotel OREA Pyramida, Prague (Czechia) [LINK UPDATED]																	
3rd and Final European Concept of Higher Airspace Operations (ECHO) Validation Workshop, Brussels, Belgium																	
CANSO Event - Latin America and Caribbean Conference 2022, Orlando, Florida, USA																	
JANUARY 2023																	
APDSSG (ATM Procedures Development Sub Group)/85, EUROCONTROL, Brussels, Belgium & Webex 10:30 to 18:00 CEST																	
MARCH 2023																	
CANSO Event - Airspace World, Geneva																	
APRIL 2023																	
Civil-Military Stakeholder Committee meeting (CMSC/8), Brussels, Belgium [DATE UPDATED]																	
APDSSG (ATM Procedures Development Sub Group)/86, EUROCONTROL, Brussels, Belgium & Webex 09:30 to 17:30 CEST																	
MAY 2023																	
7th IFALPA Conference, Montreal, Canada																	
JUNE 2023																	
Provisional Council (PCF#59), Brussels, Belgium																	
OCTOBER 2023																	
Civil-Military Stakeholder Committee meeting (CMSC/9), Brussels, Belgium																	