IFATCA Weekly Electronic Newsletter

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IWEN | Issue #46 of 2022 | 7 November to 13 November

located approximately thirteen Kilometres east of 2023 ANNUAL CONFERENCE the Donald Sangster International Airport (SIA). This venue will also double as the Conference Hotel. The alternative Hotel (Toby's resort) is located approximately three Kilometres west of the Donald Sangster International Airport (SIA). The commute to the Hilton Rose Hall and Spa Hotel is also

less than a twenty minute drive away.

ICAO Global ICAO advocates for decarbonisation of aviation at COP 27

Participating in a round table of Heads of State, Prime Ministers and Chiefs of International Organizations during COP **United Nations** ICĂO President Council Climate Change Salvatore Sciacchitano advocated for the realization of the ICAO Assembly's decision to reach net zero emissions from

TOGETHER FOR IMPL

On 7 November 2022, ICAO Council

President Salvatore Sciacchitano presented ICAO's work to support the decarbonisation of air transport at the COP 27 High-level Round table ICAO State Letters ICAO State Letters supplies information which may or may not require action. NUMBER **SUBJECT** DATE

2022/97 Aviation security-related guidance material on civil aircraft operations 10/11/2022 click here over or near conflict zones Proposals for the amendment of 2022/85 Annex 13 arising from the sixth 14/10/2022

click here meeting of the Accident

Investigation Panel (AIGP/6) Adoption of Amendment 48 to 29/07/2022

2022/75 click here Annex 6, Part I 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

2022/70 click here of the Remotely Piloted Aircraft Systems Panel (RPASP/18) Proposals for the amendment of PANS-ATM (Doc 4444) concerning separation minima based on an ATS 2022/68

air transport by 2050.

surveillance system arising from the click here third meeting of the Separation and Airspace Safety Panel (SASP/3)

ICAO Electronic Bulletins ICAO Electronic Bulletins merely supplies information and do not require action NUMBER TITLE EB 2022/46 click here Posting of a Significant Safety Concern (SSC) — Argentina EB 2022/44 Posting of a Significant Safety Concern (SSC) — Liberia click here EB 2022/43 Resolution of a Significant Safety Concern (SSC) — Eritrea click here

European Region (EUR)

Learning Zone

Automation in Air Traffic Control

performance in the US and Europe

100

75

EUROCONTROL

Dear Webinar attendees,

EUROCONTROL Aviation Learning Centre webinars and events

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

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

EUROCONTROL Data Snapshot #35 focuses on the comparison of on-time

-14%

1500

1000

2020

Airframe type Helicopter Land plane Other

2021

2022

2019

Date and time: Tuesday 15/11/2022 - 15:00 CEST

Duration: 90 minutes Presenter: M.Sc. Michele Reith - Business Psychologist @University of Bremen Adaptable Automation for a more human-centered work design? In her research, Michèle is primarily concerned with the effects of automation on work design and new requirements for employees in high reliability organizations. Within the scope of her PhD research project, she cooperates with the DFS analyzing the effects of automation in Air Traffic Control. In this webinar, Michèle will present the results of a study conducted with Air Traffic Controllers investigating the effects of adaptable automation on the human operator. Leading research questions are: What are the advantages of adaptable automation compared to static automation? Can adaptable automation contribute to a more human-centered work design?

Moving towards higher levels of transparency for measuring performance with Open Data Airframes unknown to the Network Manager Percentage of unique airframes As seen by Network Manager and OpenSky Network in summer As seen by OpenSky Network in summer

-22%

Count of unique airframes Unique airframes 500 2022

Source Network Manager OpenSky Network

For aviation to improve its performance, an essential element is data on what is happening in the skies. EUROCONTROL provides a wide range of relevant data but there is another source – open data generated from aircraft themselves (from their ADS-B or Mode S transmitters) This data snapshot analyses the coverage of open air transport data within Europe. The graphic on the left shows the evolution of aircraft processed by EUROCONTROL's Network Manager (NM) (typically aircraft flying IFR and therefore filing a flight plan), compared with those visible through OSN, the OpenSky Network (equipped with ADS-B or Mode S). It compares the number of unique airborne airframes in summer 2019

such as aviation safety, traffic monitoring and general sky usage, especially now that the proportion of all aircraft visible to OSN has increased so much. Overall, the analysis of available open data for air transportation suggests that it is a principal enabler to establish a transparent dialogue and level playing-field for all stakeholders. The availability of movement data beyond strictly commercial air traffic will help to augment safety and capacity analyses, but also the emerging need to quantify the environmental footprint of aviation and air navigation.

EASA Published Updated EAR for ATM/ANS (Revision from November 2022) The European Union Aviation Safety Agency has published a new revision of the Easy Access Rules for Air Traffic Management/Air Navigation Services. This document contains all applicable rules for (the provision of) Air Traffic Management/Air Navigation Services (ATM/ANS) displayed in a consolidated, easy-to-read format with advanced navigation features through links and bookmarks. It covers Commission Regulation (EU) 2017/373 and all subsequent amendments, followed by the related acceptable means of compliance (AMC) and guidance material (GM), and their amendments. "RPAS AND ALIN AVIATION" CONFERENCE - INVIRCAT FINAL DISSEMINATION EVENT (3-4 November 2022)

human - AI teaming in aviation framework. dissemination event for INVIRCAT.

Environment Safety Security UAS Other news

© COVID-19

ECAC & Organisations Airlines & Airports

Economic matters

Topics:

Contents:

Amendments to ECAC Doc 30 technical recommendations New training document on behaviour detection

stimulating the global economy and expanding the limits of human knowledge. The growing global space launch market is reducing the cost and increasing the availability to put satellites into low earth orbit. Such satellites can help us monitor better climate change, bring the internet to underserved communities, and manage disaster recovery and much more besides. The emphasis on small satellite constellations is increasing in Europe, with several planned launches in the pipeline. The first commercial spaceport is expected to enter into service in Cornwall, from where Virgin Orbit will launch. Other sites are also being considered across Europe for building operational launch pads, and we expect to see a significant increase in sub-orbital and orbital launches across Europe. This growth trend is set to continue, increasing demand for access to higher airspace, and highlighting the importance of managing the integration of satellite launches with conventional air traffic in a safe, sustainable and efficient manner. Space operations at high altitude (satellite launches, re-entry, and space

Other Information

Runway Excursions

SKYbrary Highlights

IWEN Calendar IFATCA (International Federation of Air Traffic Controllers' Associations)

EASA (European Union Aviation Safety Agency)

ARC-CAST Webinar | SLOT 1: 17 November 2022 at 10:00 CET (Germany) which is 09:00 GMT (London), 13:00 GST (Dubai), 17:00 SGT (Singapore) or SLOT 2: 17 November 2022 at 17:00 CET (Germany)

Workshop, Brussels, Belgium

77th IFALPA Conference, Montreal, Canada

Conference, Montego Bay, Jamaica

JANUARY 2023

Overall, the number of OSN aircraft is catching up with the number tracked by the EUROCONTROL NM. This is as a result of two trends. First, the proportion of aircraft flying IFR that are equipped with ADS-B/Mode S is increasing (from about 78% to 86%). Second, the number of aircraft visible to OSN but not NM is also increasing, as can be seen in the second graphic. This is because non-commercial aircraft (e.g., agricultural, or recreational flying) are increasingly equipped with modern transmitters. So, while NM monitors primarily IFR flights (and has a more complete coverage of these), OSN does provide a more comprehensive coverage of overall activity in the sky. This includes many flights under visual flight rules, with operations of light aircraft, airships and balloons. This allows us to create broader views on topics

Six SESAR JU Exploratory Research projects came together in this joint event to present the latest developments in two of the most promising aviation topics: Drones and Artificial Intelligence. INVIRCAT, URClearED, and SAFELAND shared their research activities and results focused on the RPAS integration in the civil air space, while SafeOPS, MAHALO and ARTIMATION presented their ongoing research within the An audience of 75 aviation professionals representing a variety of stakeholders, including SMEs, the industry, academia and decision makers, took part in the conference, which also constituted the final Click the link below for the slides and booklet that supported the event. ECAC Weekly Press Review - 7 November 2022

inspection experts Focus on immigration and PRM issues Experts examine safety issues and accident investigations in Europe Recent developments, working methods and future work programme on the agenda for economic experts Legal experts agree on follow-up to ICAO Assembly decisions Communication specialists develop guidelines New staff members join CASE II Project team

debris) need to be safely deconflicted with operations of other airspace users. From EUROCONTROL's perspective, the impact of new airspace entrants such as small satellites on air traffic management operations and functions needs to be carefully identified.

traffic management network.

This week's highlighted article from SKYbrary

SESAR (Single European Sky ATM Research) EUROCAE (European Organisation for Civil Aviation Equipment) **EUROCONTROL** EC (European Commission) EGHD (SES Expert Group on Human Dimension) ICB (Industry Consultation Body)

tower Schwarz delivers air-liftable ATC radio system for Skyguide ENAIRE tests urban air mobility ANSL and Skyports partner

GPS Signal loss analysis

Flight Data Exchange (FDX) Analysis - GPS Signal Loss Aug 2021 - Jun 2022 The International Air Transport Association (IATA) Global Aviation Data Management Program's Flight Data Exchange (FOX) is a web-based tool intended to provide subscribing members with a comparative overview to highlight areas of flight safety concern, with benchmarking available at a global, regional and airport

IFALPA (International Federation of Air Line Pilots' Associations) ICAO Global ICAO European and North Atlantic (EUR/NAT) Office ICAO Asia and Pacific (APAC) Office

CEP participating test centres review ongoing tests and test centre allocation CEP Management Group boosts quality control Security Forum reviews achievements in security groups and developments in Member Management Group considers 2023 work programme ECAC delivers cyber security training for European Commission aviation security

WHAT'S ON AT ECAC IN NOVEMBER?

European ATM network, 16 November, 11:00-12:00 CET

More events and meetings

Snapshot of the 41st ICAO Assembly ECAC participation in environment events

59th ATCEUC Committee Meeting - Final communiqué November 2022

Check out all the latest news straight out of ACTA Global... Management Highlights: business

Summarising all recommendations and guidance for pilots in the Global Action Plan on the Prevention of Runway Excursions (GAPPRE), this best practice document can be implemented by flight crew in their daily Practices for the Prevention of

Pilot's Best Practices for the Prevention of Runway Excursions

ICAO Middle East (MID) Office **NATCA Events**

Other **NOVEMBER 2022** ICAO Drone Enable Symposium 2022, Montréal, Canada EUROCONTROL Stakeholder Forum on space launches and their impact on the European ATM network | 11:00-12:00 CET

viationA **Qantas Wins Big Award** Greetings from Sydney, where your correspondent is currently watching the world go past. The big aviation news in Australia this week, the week that was, centred on Qantas. There were two items of interest, and in the way of such things, there are of course connected.

That Was The Week That Was 31 October - 04 November 2022

Final Communiqué issued after the ATCEUC 59th Committee Meeting held in Zagreb (Croatia) from 2 to 4

ECACNEWSPOIN

Experts take stock of historic environmental achievements at ICAO Assembly

EUROCONTROL Stakeholder Forum on space launches and their impact on the

Stakeholder Forum series, where we'll be talking about the impact of space launches on the European air

Small satellites are ushering in a new era of space capabilities, connecting us across vast distances,

16 November, 11:00-12:00 CET, for our next strategic webinar in the EUROCONTROL

Experts analyse data on potential sustainable aviation fuels supply

ACTA Global - Indra signs binding agreement to acquire Leonardo, Selex ES Inc's ATM ATCA GLOBAL - Leidos Deploys New Terminal Flight Management Capability ACTA Global - Phoenix-Mesa Gateway Airport ready for growth with FREQUENTIS digital

ICAO South American (SAM) North American, Central American & Caribbean (NACC) Office ICAO Eastern and Southern African (ESAF) Western and Central Africa (WACAF) Office

which is 16:00 GMT (London), 11:00 EST (New York), 08:00 PST (Los Angeles) Provisional Council (PC#58), Brussels, Belgium ICB General Meeting/03 | 10:00-12:30 (CEST) [MEETING TIME CHANGED] EU Drone Days | 17:30 CET, Brussels, Belgium EASA Annual Safety Conference 2022, Hotel OREA Pyramida, Prague (Czechia) [LINK **UPDATED1** 10th European Aviation Conference, Heilbronn, Germany DECEMBER 2022 SESAR Innovation Days 2022, Budapest, Hungary

3rd and Final European Concept of Higher Airspace Operations (ECHO) Validation

CANSO Event - Latin America and Caribbean Conference 2022, Orlando, Florida, USA

APDSG (ATM Procedures Development Sub Group)/85, EUROCONTROL, Brussels,

Belgium & Webex | 10:30 to 18:00 CEST MARCH 2023 CANSO Event - Airspace World, Geneva 8 APRIL 2023 Civil-Military Stakeholder Committee meeting (CMSC/8), Brussels, Belgium [DATE 26 **UPDATED1** APDSG (ATM Procedures Development Sub Group)/86, EUROCONTROL, Brussels, 25 Belgium & Webex | 09:30 to 17:30 CEST MAY 2023

Provisional Council (PC#59), Brussels, Belgium OCTOBER 2023 Civil-Military Stakeholder Committee meeting (CMSC/9), Brussels, Belgium 12

62nd Annual International Federation of Air Traffic Controllers' Association (IFATCA)

ATION.

LAST

DATE/

IFATCA

RESPONSE

20/01/2023

14/04/2023

18/11/2022

23/02/2023

07/01/2023

DATE

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IFATCA

DUE BY

RESPONSE

06/01/2023

31/03/2023

Response

07/02/2023

20/12/2022

Due

23/08/2022

07/07/2022

Out of Many, One Sku

Learn more

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European Cockpit Association

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