



International
Civil Aviation
Organization

Organisation
de l'aviation civile
internationale

Organizacion
de Aviación Civil
Internacional

Международная
организация
гражданской
авиации

منظمة الطيران
المدنى الدولى

国际民用
航空组织

File Ref.: ER 4/14-22/239

20 October 2022

Subject: Month of Knowledge for the Future of ANS
(From 1 to 24 November 2022, Series of eight Educational Webinars)

Action required: Register online for the Webinars

Sir,

I have the honour to invite your Administration/Organization to attend a Series of Eight Educational Webinars, which will be conducted by the General Civil Aviation Authority (GCAA) of the UAE, in collaboration with the ICAO MID Office and the Arab Civil Aviation Organization (ACAO) **from 1 to 24 November 2022.**

The objective of the Month of Knowledge for the Future of ANS initiative is to share knowledge and experiences amongst aviation community for better and successful future of ANS. The detailed schedule of the webinars is at **Attachment A.**

Your Administration/Organization is kindly requested to register for the webinar online through the link <https://www.gcaa.gov.ae/en/Pages/MOKFANSWorkshop.aspx>. Should you need further details, please send an email to the ICAO MID Office at: icaomid@icao.int.

Accept, Sir, the assurances of my highest consideration.



Mohamed Abubaker Farea
Regional Director
ICAO Middle East Office

Attachment

الهيئة العامة للطيران المدني
GENERAL CIVIL AVIATION AUTHORITY



ICAO



**Month of Knowledge for future of Air
Navigation Services
(MOKFANS)**



From UAE to the world

Month of Knowledge for Future of Air Navigation Services is an initiative founded by the United Arab Emirates General Civil Aviation Authority (GCAA), in collaboration with International Civil Aviation Organization (ICAO), and Arab Civil Aviation Organization (ACAO). This initiative aims to bring together the expertise of Air Navigation Services providers (ANSP) and the aviation community, to share knowledge, experiences and discuss best practices and facilitate enhancement of Air Navigation Services to all people around the globe.

Objectives

- The MOKFANS initiative is a virtual event and was introduced in 2020. At that time, the COVID Pandemic gripped the world and affected the aviation sector dramatically. Such situation has made a necessity to call the aviation community to discuss the impact of the pandemic on ANSP, how to adapt, overcome, and plan the future of ANSP together. In 2021, the event continued aimed to establish a strong backbone for agility and business continuity of aviation, and Air Navigation Services
- The event in 2020 and 2021 was conducted in a virtual platform. It focused on developing new systems and creating a strong base for allowing organizations to be resilient and ready for any future event, which might affect the sector.



Overall Statistics (2020 – 2021)

- For the 16 sessions, there were 39 expert speaker from internal and external stakeholders within the Air Navigation Sector. The sessions attracted more than 3900 participants who registered for the event, from 353 organizations located all around the globe.
- Here we noticed an increase in the percentage of the participant from the previous cycle by 37%, which defined the global interest in the event, where there were participants and expertise from North and South America, Europe, Africa, Middle East and Asia, from more than 353 International organizations.

Sessions

16

Attendees

3972

Intl
Organizations

353



MOKFANS 2022

Learning continuity and foreseeing the future

- In This year's initiative the UAE represented by the General Civil Aviation Authority (GCAA), and in parallel with the golden jubilee of the country, has decided to enforce one of its main pillars which is learning. By enabling the idea of Learning continuity and foreseeing the future, the event will focus on spreading knowledge worldwide in different areas of aviation, to insure information and knowledge are transferred to the ones interested in aviation from all around the globe.
 - 8 sessions of high-quality knowledge transfer will be conduct during November, and those sessions are:

Session 1: Innovation in Aviation Training

Session 2: ATC V.S Level Bust

Session 3: The Importance of Performance Based Management in ANS

Session 4: A Glimpse on The Airspace of Future

Session 5: Investigation Data Analysis and Safety Performance Enhancement

Session 6: Automation implementation of Aeronautical Chart

Session 7: The Future of VHF Radio Communications

Session 8: Air Traffic Control Sector Capacity Calculation

- **MOKFANS 2022 Schedule**



Session 1: Innovation in Aviation Training

Aviation training is a wide sector to be learned from, and with the continues changes of time and generations, the methods of training is being changed simultaneously and for aviation personal Innovation is a major key to coop with the training needs, how to adapt and make the difference.



Session 2: ATC V.S Level Bust

We have brought together an ATC supervisor and ATCOs with experience pre-pandemic and post-pandemic to highlight their experiences on level busts and how Mode S implementation has led to a drastic decrease in level busts from various perspectives of shift staff with first-hand experience.





Session 3: The Importance of Performance Based Management in ANS

Performance based navigation what is famous for (PBN), is a very important tool in aviation. To manage this tool there are certain methods and regulations to be complied with. In this session you would identify the importance of managing Performance based navigation.



Session 4: A Glimpse on The Airspace of Future

A hybrid method of knowledge transfer would be introduced in this session, a mix between presentation a panel discussion with Airspace expertise would allow us to oversight the future of airspace in aviation.





Session 5: Investigation Data Analysis and Safety

Performance Enhancement.

This Presentation/Panel will provide insight in Investigation Data Analysis processes within UAE GCAA and inter-relation between ANS Providers and National Regulatory body with focus on Investigation Data Analysis, and how can Data Driven Decision Making enhance Safety Performance in Aviation. Our four presenters'/panel members have long and successful career in Aviation with more than 100 years of combined experience in the fields of their expertise.

	MON	TUE	WED	THU	FRI	SAT	SUN
11 NOVEMBER 2022	31	01	02	03	04	05	06
	07	08	09	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	01	02	03	04

Session 6: Automation implementation of Aeronautical Chart

The session covers an overview of Aeronautical Charts Automation and its benefits. Following the overview there will be a panel discussing the challenges and opportunities in Aeronautical Charts Automation.

	MON	TUE	WED	THU	FRI	SAT	SUN
11 NOVEMBER 2022	31	01	02	03	04	05	06
	07	08	09	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	01	02	03	04



Session 7: The Future of VHF Radio Communications

Communication is one of the main elements in aviation. And how the future will look like in reference to communication and VHF will be discussed during this session.

11
NOVEMBER

2022

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31	01	02	03	04	05	06
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14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	01	02	03	04

Session 8: Air Traffic Control Sector Capacity Calculation

The high demand on traveling has wide range effect on aviation, and for future the demand would even be higher. In this session capacity calculation about air traffic control sector would be discussed. To elaborate more on the principles and techniques.

11
NOVEMBER

2022

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MOKFANS 2022 Schedule

Title	Session Theme	Suggested Date	Time (UTC)
Innovation in Aviation Training	Panel Discussion	01/11/2022	09:00 - 10:00
ATC vs Level Busts	Panel Discussion	03/11/2022	09:00 - 10:00
The Importance of Performance Based Management in ANS	Presentation	08/11/2022	09:00 - 10:00
A Glimpse on The Airspace of Future	Hybrid (Presentation/Panel Discussion)	10/11/2022	09:00 - 10:00
Investigation Data Analysis and Safety Performance Enhancement.	Hybrid (Presentation/Panel Discussion)	15/11/2022	09:00 - 10:00
Automation implementation of Aeronautical Chart	Panel Discussion	17/11/2022	09:00 - 10:00
The Future of VHF Radio Communications	Panel Discussion	22/11/2022	09:00 - 10:00
Live: Air Traffic Control Sector Capacity Calculation	Panel Discussion	24/11/2022	09:00 - 10:00

In 2022's version, 20 expertise from various regions will deliver the session to share their long and successful career in Aviation with more than 300 years of combined experience in the fields of their expertise.