



ICAO

INTERNATIONAL CIVIL AVIATION ORGANIZATION

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RECONNECTING **THE** WORLD

59th Conference of Directors General of Civil Aviation, Asia and Pacific Region

Safety and Capacity : ICAO review

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This review takes into account :

- **SARPs evolution**
 - In particular related to Annex 6 (Operation of Aircraft) Annex 8 (Airworthiness) Annex 10 (Aeronautical Telecommunications) Annex 11 (Air Traffic Services) Annex 13 (Accident and Incident Investigation) Annex 14 (Aerodromes) Annex 15 (Aeronautical Information Services)
- **Outcomes of the 14th Air Navigation Conference**
 - Aug 27 – Sept 6, 2024
 - Focusing on performance improvement, which also contributes to the environmental performance of aviation
- **Outcomes of the Advanced Air Mobility Symposium 2024**
 - Sept 9 – Sept 12, 2024
 - Recognizing the benefits of AAM for humanity, and setting up a Call for Action

Safety and Capacity, why APAC is so important

- Large market and high past and projected growth
- Diversity in the situations of Member States, NCLB (no country left behind)
- Extraordinary success stories by Member States of the APAC region in the last decade or two

International has been successful in addressing safety in the last decades...

- Continued lowering of accident and fatalities rates over decades, despite the increase in traffic

... but 3 areas to focus on in the future:

- Facing the emerging risks and challenges, including new entrants integration, GNSS reliance, turbulence (clear air turbulence)
- Ensuring that the progress of safety remains universal (among MS and regions)
- Keeping vigilance on the know areas of risk, the High Risk Categories of the GASP

Key topic : GNSS spoofing



- And more generally radio frequency interference (RFI) was a major topic of AN Conf 14 and of ICAO Council discussion
- The Radio Frequency Interference Symposium was also organized in Türkiye in February 2024 by the EUR and MID regions
- A rising number of situations (even though it does not appear that civil aviation is deliberately targeted) and constant evolution of RFI
- Solutions : awareness of crews, reporting of occurrences, minimum equipment list, ground-based equipment

Universal Safety Oversight Audit Programme – Continuous Monitoring Approach (USOAP CMA)

- Areas of focus in 2025 : Aerodromes and Ground Aids (AGA), Personnel Licensing and Training (PEL) and Aircraft Accident and Incident Investigation (AIG)
- State Safety Programme Implementation Assessment to be beta tested and integrated in 2025
- USOAP relies on auditors from Member States : all are needed, and in particular Spanish speaking auditors

Focusing on accident investigations (AIG)



- Improvements still needed in the area of AIG. Low effective implementation (EI) rates in many countries
- Most importantly, 50% of accidents worldwide do not result in a timely report as per ICAO standards (AN Conf 14 paper)
- Fewer accidents combined with increased complexity
- Solutions : implementation support, regional cooperation (RAIOs, regional champions). This requires to bolster the independence of Accident Investigation Authorities

Performance improvements to drive growth and efficiency

- Operational measures to increase efficiency are also a contributor to environmental sustainability (“win-win”)
- Defending and managing the assets of aviation, including immaterial (safety spectrum allocation)
- 104 recommendations adopted in AN Conf 14 on September 6th 2024

Some recommendations for capacity from AN Conf 14

- project 30/10 (achieving longitudinal separation of no more than 10 miles – 30 for remote and oceanic airspace – in all regions)
- sunseting of Flight Plan 2012 in 2034 to take full advantage of FF-ICE, TBO, FRA. (and a side question : sunseting the TAC weather format by 2030 ?)
- encouraging frameworks for more efficient delegation of airspace between Member States

The True North project



- Converting Aviation Navigation from Magnetic North to True North
- Goal : to avoid maintenance of magnetic variation tables, procedures, charts and runways as well as achieve a common navigation reference for all users
- True North Advisory Group established by ICAO to provide a recommendation, a CONOPS, an implementation plan by 2027. Possibly for A43 in 2028 ?

Call for action on Advanced Air Mobility



- Understanding
- Building infrastructure
- Supporting, governing and regulating AAM

Of note : following the AAM symposium, planned signature of a letter of commitment by UN individual entities to support the Development of Harmonized Unmanned Aviation Frameworks

Conclusions

- ✓ Safety and Capacity remain at the heart of priorities for the aviation sector, and incorporate new stakeholders and challenges
- ✓ More than ever before, safety and capacity progress is a team effort by Member States : no progress can be achieved without international cooperation such as the one fostered by the APAC 59 meeting
- ✓ ICAO will maintain close collaboration, in particular through its Regional Offices to support States in this endeavour



Thank You!