



هيئة تنظيم الطيران المدني الأردني
JORDAN CIVIL AVIATION REGULATORY COMMISSION



14th Air Navigation Conference

ICAO – HQ, Montreal
26 Aug – 07 Sep 2024

About the conference

Theme:

- Performance Improvement Driving Sustainability

Goal:

- Provide an opportunity for detailed technical discussions which are expected to lead to agreement on a set of high-level recommendations in the field of air navigation and safety
- These recommendations will be submitted for approval to the Council and, when applicable, for subsequent endorsement by the 42nd Session of the Assembly in 2025

Importance:

- AN-Conf/14 is a necessary building block between the 41st and 42nd Sessions of the Assembly

Attendance

- 1200 attendees from Member states, Organizations and ICAO
- Senior officials in a decision-making capacity
- Accompanied by high-level technical advisors on air navigation and safety



Conference Agenda Items:

Agenda (1):

Update on the ICAO 2023-2025 Business Plan and long-term strategic planning

Reprioritization of the ICAO 2023-2025 Business Plan

Strategic alignment of global plans for performance improvement

Evolution of the Technical Commission of the ICAO Assembly

Agenda (2):

Timely and safe use of new technologies

Evolving aircraft technologies contributing to LTAG

Addressing safety risks related to evolving aviation technologies

2026-2028 Edition of the Global Aviation Safety Plan (GASP)

Agenda (3):

Air navigation system performance improvement

Proposals to improve the efficiency of air navigation services contributing to LTAG

Phasing out legacy systems

Eighth Edition of the Global Air Navigation Plan (GANP)

Agenda (4):

Hyper-connectivity of air navigation system

Connected aircraft concept and associated challenges

Cybersecurity and information system resilience



ICAO Strategic Objectives



Priority Focusing Areas



Prior to attendance

AN-CONF / 14
26 Aug 2024 - 06 Sep 2024

Working Papers (WPs)

WP No.	Agenda Item	Title	Required Action	JCARC Contribution/ Comment
WP1		PROVISIONAL AGENDA (02/02/2024)		
WP2		PROVISIONAL ORGANIZATIONAL PLAN (02/02/2024)		
WP3	1 1.1	PRIORITY FOCUS AREAS (30/04/2024)	The Conference is invited to agree to Recommendation 1.1/x - Support to ICAO's programmatic business planning approach initiated by the Business Plan 2023-2025 Priority Focus Areas in paragraph 4.	

2 FUTURE AERODROMES TO ACCOMMODATE NEW AIRCRAFT TECHNOLOGIES (05/04/2024)

The Conference is invited to agree to Recommendation 2.1/a - Future aerodrome infrastructure and operations to accommodate new aircraft technologies in paragraph 3.

Conclusion:
Recommendation 2.1/a - Future aerodrome infrastructure and operations to accommodate new aircraft technologies
That States working with industry, assess the compatibility of existing aerodrome infrastructure and operational procedures with the upcoming new aircraft technologies and identify the changes that would be required to achieve full integration; collect and share information with ICAO on the possible impact of new aircraft technologies on aerodrome infrastructure and operations and initiate planning for aerodrome infrastructure and operational changes, where necessary, to integrate new aircraft technologies;

That ICAO work with States and industry to **analyze** identify and plan for global provisions, where necessary, to facilitate the safe and timely integration of new aircraft technologies at aerodromes.

Annex: ICAO agreed on the recommendation outlined on the WP.

Date: Support

Centralized unit

Generic Form to collect comments from all relevant directorates / units

- Consolidating feedback into one Form

Relevant Directorates / Units

Add comments and interventions to be made by the delegation

- Mainly from oversight directorates and units in addition to Air Navigation Service Providers

ACAO Focal Point

Via cooperation mechanism

- Review WPs submitted by Arab States
- Review WPs submitted by ECAC

ICAO GASP-SG

Review of related WPs

- Generate the recommendations for the State Position

AN-CONF / 14
26 Aug 2024 - 06 Sep 2024

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WP/1		PROVISIONAL AGENDA (02/02/2024)		
WP/2		PROVISIONAL ORGANIZATIONAL PLAN (02/02/2024)		
WP/3	1 1.1	PRIORITY FOCUS AREAS (30/04/2024)	The Conference is invited to agree to Recommendation 1.1/x - Support to ICAO's programmatic business planning approach initiated by the Business Plan 2023-2025 Priority Focus Areas in paragraph 4.	<p>CMD: PFA's (Priority Focus Areas of ICAO):</p> <ul style="list-style-type: none"> - Advanced air mobility and new entrants - Crisis preparedness and response (USOAP) and (USAP) evolution and engagement - Cybersecurity - Long-term aspirational goal - Transformational Objective - Implementation support. <p>ANSF: Support</p> <ul style="list-style-type: none"> • The recommendations align with global aviation safety and environmental goals, which are crucial for CARC's strategic objectives in air navigation.

AN-CONF / 14
26 Aug 2024 - 06 Sep 2024

	<p>b) together with international organizations and industry, provide support and voluntary contributions (financial or in-kind) to the activities within the PFAs;</p> <p>that ICAO, based on the experience with the PFAs, extend the methodology of programmatic approach for the activities in the next Business Plans; and</p> <p>d) through the Planning and Implementation Regional Groups and the Regional Aviation Safety Groups, in accordance with the Global Air Navigation Plan and Global Aviation Safety Plan and their respective regional plans, incorporate into their work programmes and projects, as applicable, initiatives that foster alignment with the ICAO PFAs.</p>	<ul style="list-style-type: none"> • Supporting this paper would contribute to international efforts on safety, security, and environmental sustainability. • Furthermore, the emphasis on advanced air mobility and cybersecurity aligns with CARC's modernization efforts in air traffic management.
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Conference Recommendations to Assembly :

Agenda (1):

Update on the ICAO 2023-2025 Business Plan and long-term strategic planning

Alignment of short-term ICAO activities targeted with the seven priority focus areas

Alignment of future triennial Business Plans with the long-term strategic plan

Strategic alignment of global plans for performance improvement

Evolution of the Technical Commission of the ICAO Assembly

Agenda (2):

Timely and safe use of new technologies

Future aerodrome infrastructure and operations to accommodate new aircraft technologies, such as hydrogen-powered and electric aircraft

Strategies to evolve existing frameworks to support the safe introduction of new aircraft technologies

development of the 2026-2028 Edition of the Global Aviation Safety Plan (GASP)

Agenda (3):

Air navigation system performance improvement

Strategies and new initiatives for performance improvement on a wider and more consistent scale

Technical update of the eighth edition of the GANP

Agenda (4):

Hyper-connectivity of air navigation system

Endorsement of the connected aircraft concept and actions required to ensure effective implementation of the concept to enable the hyper-connectivity of air navigation systems

Actions required to address cyber threats and risks to the civil aviation sector



Conference Reports :

Agenda (1):

Update on the ICAO 2023-2025 Business Plan and long-term strategic planning

WP 211

https://www.icao.int/Meetings/anconf14/Documents/WP/wp_211_en.pdf

Agenda (2):

Timely and safe use of new technologies

WP 212

https://www.icao.int/Meetings/anconf14/Documents/WP/wp_212_en.pdf

Agenda (3):

Air navigation system performance improvement

WP 213

https://www.icao.int/Meetings/anconf14/Documents/WP/wp_213_en.pdf

Agenda (4):

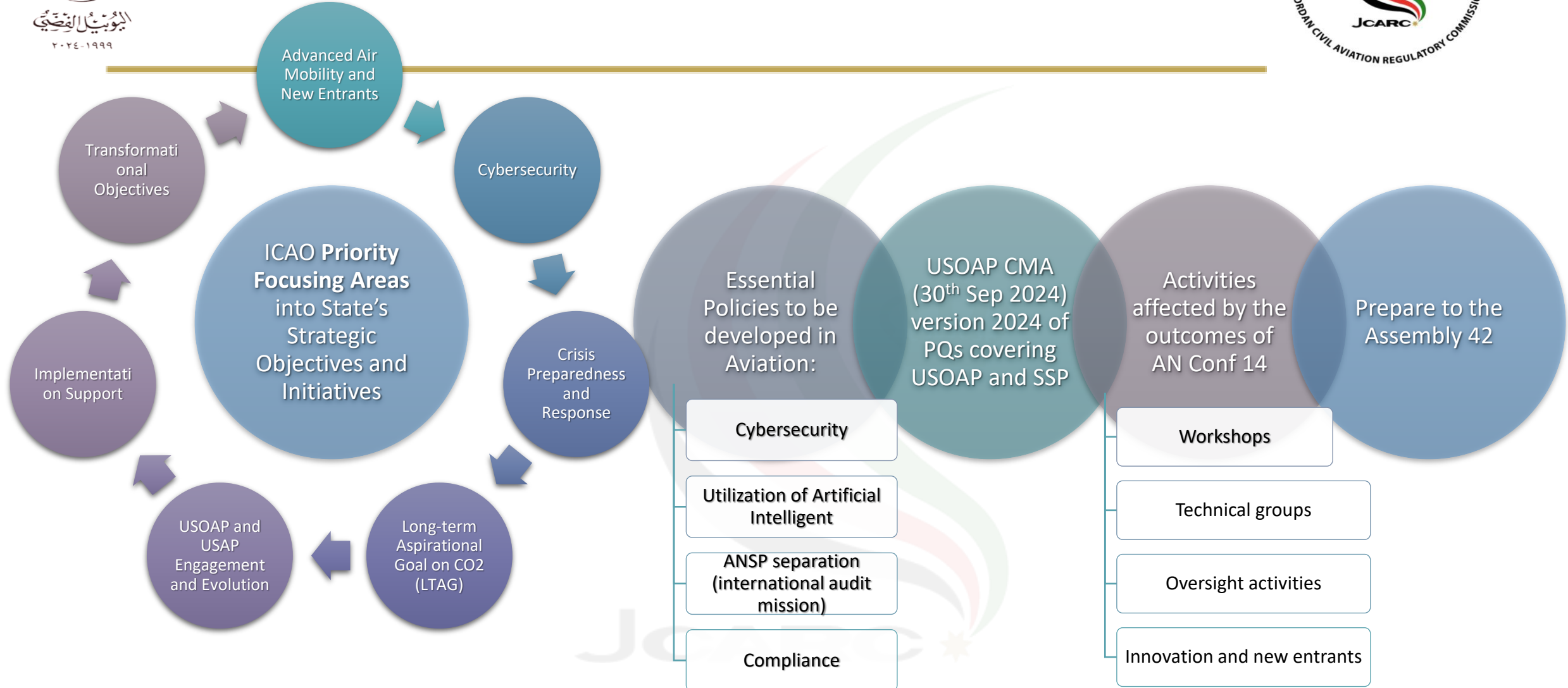
Hyper-connectivity of air navigation system

WP 214

https://www.icao.int/Meetings/anconf14/Documents/WP/wp_214_en.pdf



Post Conference Activities



End of Presentation



Thank you...