

ميئة 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 decisionmaking 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 longterm 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



Safety

- Enhance global civil aviation safety. This Strategic Objective is focused primarily on the State's regulatory oversight capabilities
- The Global Aviation Safety Plan (GASP) outlines the key activities for the triennium

Air navigation capacity and efficiency

- Increase the capacity and improve the efficiency of the global civil aviation system. Although functionally and organizationally interdependent with Safety, this Strategic Objective is focused primarily on upgrading the air navigation and aerodrome infrastructure and developing new procedures to optimize aviation system performance
- The Global Air Navigation Plan (GANP) outlines the key activities for the triennium

Safety and security

Air navigation capacity and efficiency

Security and facilitation

- Enhance global civil aviation security and facilitation
- This Strategic Objective reflects the need for ICAO's leadership in aviation security, facilitation and related border security matters
- Upon direction from the Assembly ICAO shall develop a Global Aviation Security Plan (GASeP) during triennium

Economic development of air transport

- Foster the development of a sound and economically viable civil aviation system
- This Strategic Objective reflects the need for ICAO's leadership in harmonizing the air transport framework focused on economic policies and supporting activities

Economic development of air transport

Sustainability



Priority Focusing Areas



Advanced Air Mobility and New Entrants

Cybersecurity

Crisis
Preparedness
and Response

Long-term
Aspirational Goal
on CO2 (LTAG)

USOAP and USAP Engagement and Evolution

Implementation Support

Transformational Objectives



Prior to attendance



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	AN-CONF / 14 26 Aug 2024 - 06 Sep 2024 Working Papers (WPs)					agir Tidaya, Bidayi, Biasir, Biyatin and Silverson (SIO) (120 Action) (A) (A)
	WP No.	Agenda Item	Title	Required Action		JCARC Contribution/ Comment
	WP/1		PROVISIONAL AGENDA (02/02/2024)			
	WP/2		PROVISIONAL			
			ORGANIZATIONAL PLAN (02/02/2024)			
	WP/3	1		The Conference is invited to agree to Recommendation 1		•
		1.1	(30/04/2024)	Support to ICAO's programmatic business planning as initiated by the Business Plan 2023-2025 Priority Focus A		
				paragraph 6.		
				Conclusion:		
				Recommendation 1.1/x — Support to ICAO's progra		
				Business Planning approach initiated by the Business pla - 2025 Priority Focus Areas	n 2023	
				That States:		
				 a) consider the applicable ICAO PFAs as well as ICAOs prioritized programmes when reviewing their implement 		
				strategies and plans, including for their regulatory framewor		
FU	TURE AERO			rivited to agree to Recommendation 2.1/x - Future	CMD:	Electricity, hydrogen and new aircraft.
	COMMODAT			ecture and operations to accommodate new aircraft	modified parameters such as a wider wingspan	
	(CRAFT TECH (04/2024)	HNOLOGIE	S technologies in para	graph 3.		an impact on serodromes and may lea storal and infrastructure changes.
400	,,,,,,,,,,		Conclusion:		- Capella	nter and amount of diagram
			Recommendation	2.1/x - Future serodrome infrastructure and	- Thi	manufacturers are invited to consider
				nmodate new aircraft technologies		t of the new aircraft design on airports des
			That States	try, assess the compatibility of existing aerodrome		ddition to considering the new aircraft di cosystem in airport master plan and during
				try, assess the compatibility of existing aerodrome perational procedures with the upcoming new aircraft		cosystem in augort master plan and during ing phase of new airports.
				ntify the changes that would be required to achieve full	56.	
			integration;		Enct	Irêt: Conservative
				formation with ICAO on the possible impact of new		I to be a second to the second
				on aerodrome infrastructure and operations; and aerodrome infrastructure and operational changes.		السيد مدير أمن الطيران لإيداء الرأي. كوتي أرو تعارض مع مقترح القانون ا
				integrate new aircraft technologies;	-	0,-0,-0,-
			- 12		فيفات	ة ال اختلاف شروط النشر والاقصاح بين التح
			that ICAO:		Leife	
				nd industry to analyse, identify and plan for global cessary, to facilitate the safe and timely integration of		HKI: irrelevant comment (the working pape evance to data protection related to Annex
				ogles at aerodromes.		tionally, it is not related to the aviation sec
					deta ((only design criteria and measures)
					on the	JCARC agreed on the recommendation out
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				ية العديمة للعلوان و	155,000	
		_			Doga	Support
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Centralized unit

Generic Form to collect comments from all relevant directorates / units

• Consolidating feedback into one Form

Relevant Add comments Directorates / Units the delegation

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

Jordan Civil Aviation Regulatory Commission

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Working Papers (WPs)

WP No.	Agenda Item	Title	Required Action	JCARC Contribution/ Comment
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. Conclusion: Recommendation 1.1/x — Support to ICAO's programmatic Business Planning approach initiated by the Business plan 2023 - 2025 Priority Focus Areas Than States:	CMD: PFAs (Priority Focus Areas of ICAO): - Advanced air mobility and new entrants - Crisis preparedness and response - (USOAP) and (USAP) evalution and engagement - Cybetsecurity - Long-term aspirational goal - Transformational Objective - Implementation support.
			a) consider the applicable ICAO PFAs as well as ICAOs future prioritized programmes when reviewing their implementation strategies and plans, including for their regulatory framework; and	ANSP: Support The recommendations align with global aviation safety and environmental goals, which are crucial for CARC's strategic objectives in air navisation.

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b) together with international organizations and industry, provide support and voluntary contributions (financial or in-kind) to the activities within the PFAs; that ICAO:

based on the experience with the PFAs, extend the methodology of programmatic approach for the activities in the next Business Plans; and

d) through the Planning and Implementation Regional Groups and the Regional Aviation Safety Groups, in accordance with the Global Air Navigation Plans and Global Aviation Safety Plan and their respective regional plans, incorporate into their work programmes

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10/13/2024



Conference Recommendations to Assembly:



Agenda (1):

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

WP 211

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

Agenda (2):

Timely and safe use of new technologies

WP 212

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

Agenda (3):

Air navigation system performance improvement

WP 213

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

Agenda (4):

Hyper-connectivity of air navigation system

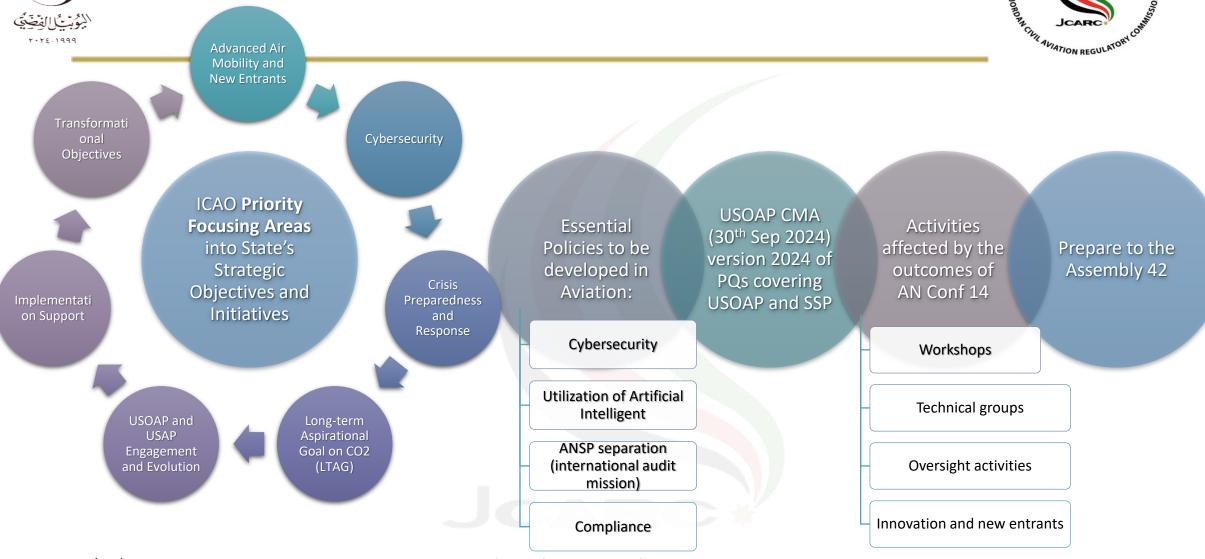
WP 214

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



Post Conference Activities









End of Presentation

Thank you...