



AN- CONF/14

14th Air Navigation Conference

26 August to 6 September 2024 | Montréal, Canada



AN-Conf/14 Information Session

Overview of the Safety and Air Navigation Work Programme

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Flight Plan: Overview of ICAO Practices



Flight Plan: Overview of ICAO Practices

Presentation in Context

SESSION	NO.	SUBJECTS
Session 1 (09:00 – 10:30)	PPT/01	Expectations and Objectives of AN-Conf/14
	PPT/02	Introduction to ICAO reprioritization activities, priority focus areas and the ICAO long-term strategic Plan
	PPT/03	Overview of the ICAO safety and air navigation work programme
Session 2 (11:00 – 12:30)	PPT/04	Ongoing work concerning the decision of the 41st Session of the Assembly related to the Standards development process
	PPT/05	Evolution of the Universal Safety Oversight Audit Programme – Continuous Monitoring Approach (USOAP CMA)
	PPT/06	Ongoing work on the change from magnetic to True North
Session 3 (13:30 – 15:00)	PPT/07	Ongoing work concerning an update to the <i>Global Air Traffic Management Operational Concept</i> (Doc 9854)
	PPT/08	Ongoing work related to higher airspace operations (HAO)
	PPT/09	Ongoing work related to advanced air mobility (AAM), unmanned aircraft systems (UAS), UAS traffic management (UTM)
Session 4 (15:30 – 17:00)	PPT/10	Ongoing work related to the Integrated Communications, Navigation, Surveillance and Spectrum (ICNSS) Task Force
	PPT/11	Ongoing work on human performance in the different aviation domains

Presentation

Flight Plan: Overview of ICAO Practices

Objectives of this Information Session

- **Provide a high-level overview of ICAO's Standards-making process, specifically in Safety and Air Navigation**
- **Provide a high-level understanding of the current Approved Technical Work Programme:**
 - As a mechanism for ICAO and the Air Navigation Commission to monitor and oversee the technical work in Safety and Air Navigation
 - As a mechanism for aviation stakeholders to monitor and understand initiatives undertaken by ICAO
 - As a mechanism to help support implementation planning, through a forecast of planned amendments to ICAO documentation
 - As a mechanism to help focus technical discussion in ICAO high-level conferences

Flight Plan: Overview of ICAO Practices

Agenda for this Information Session



**How ICAO develops
Standards and Recommended Practices
(SARPs)**



**What is in ICAO's current
Technical Work Programme**

How ICAO develops Standards and Recommended Practices (SARPs)



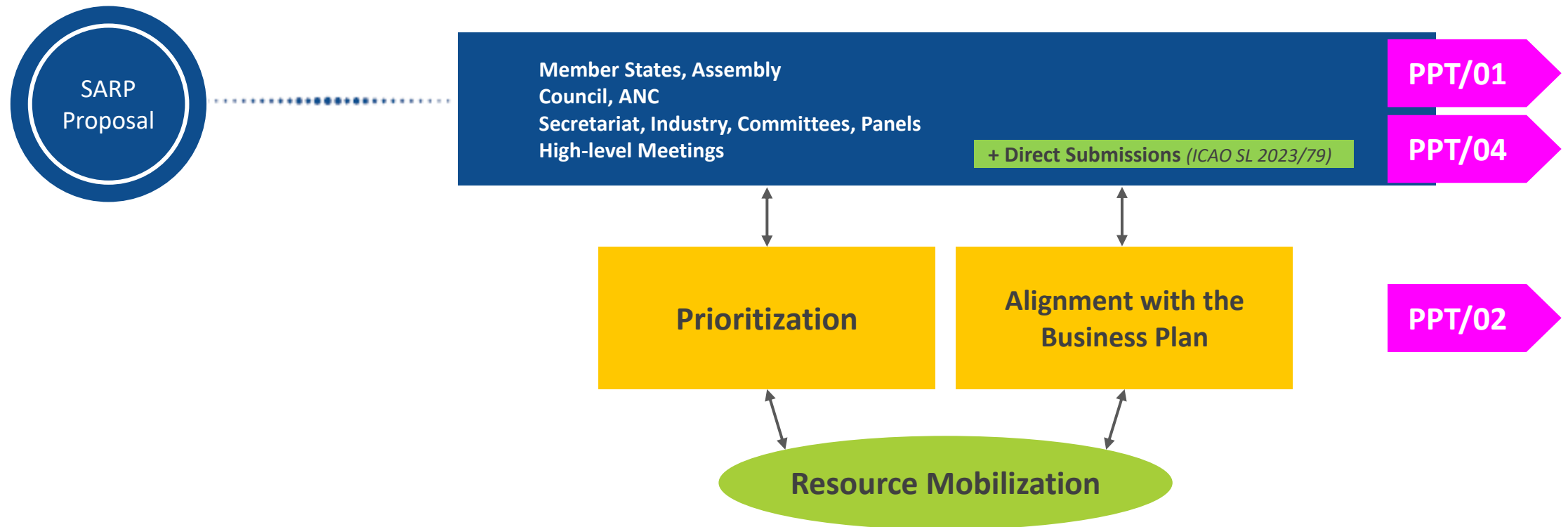
How ICAO develops SARPs

Overview of the Standards-making Process



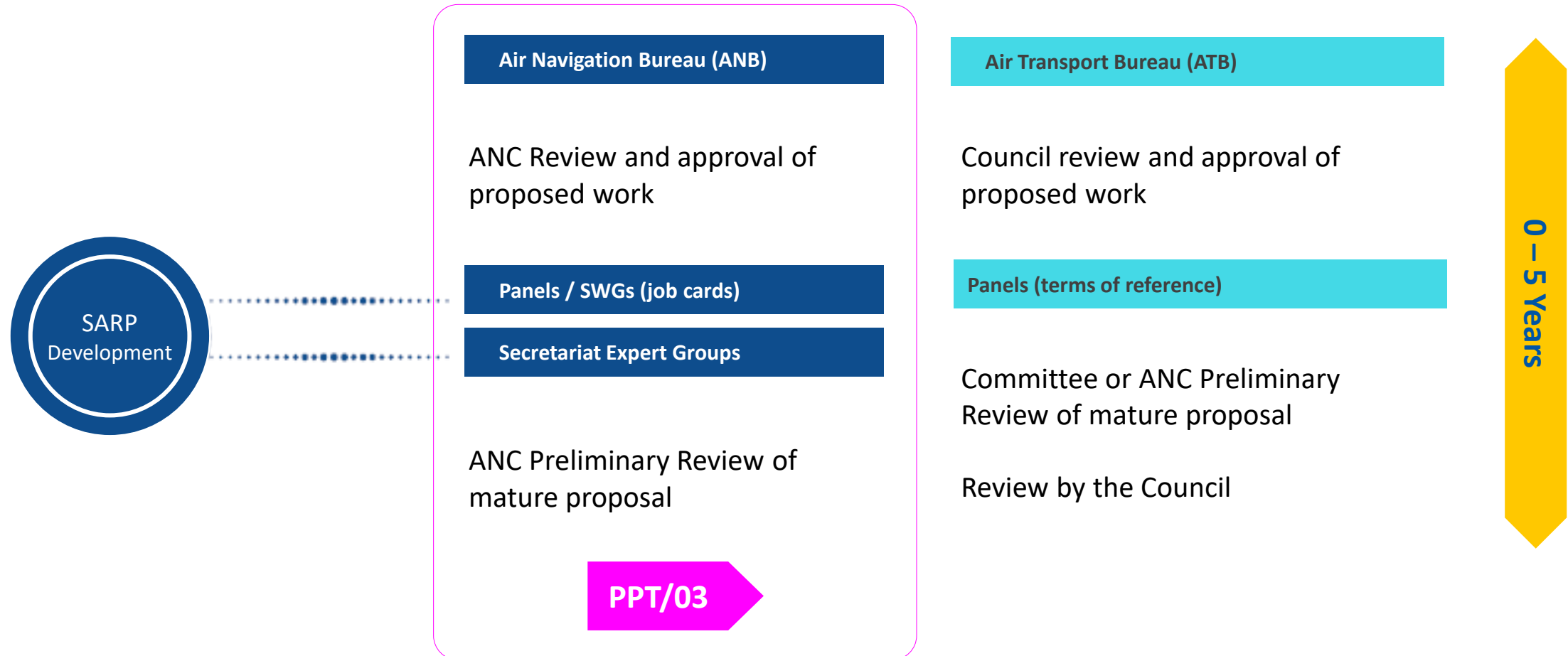
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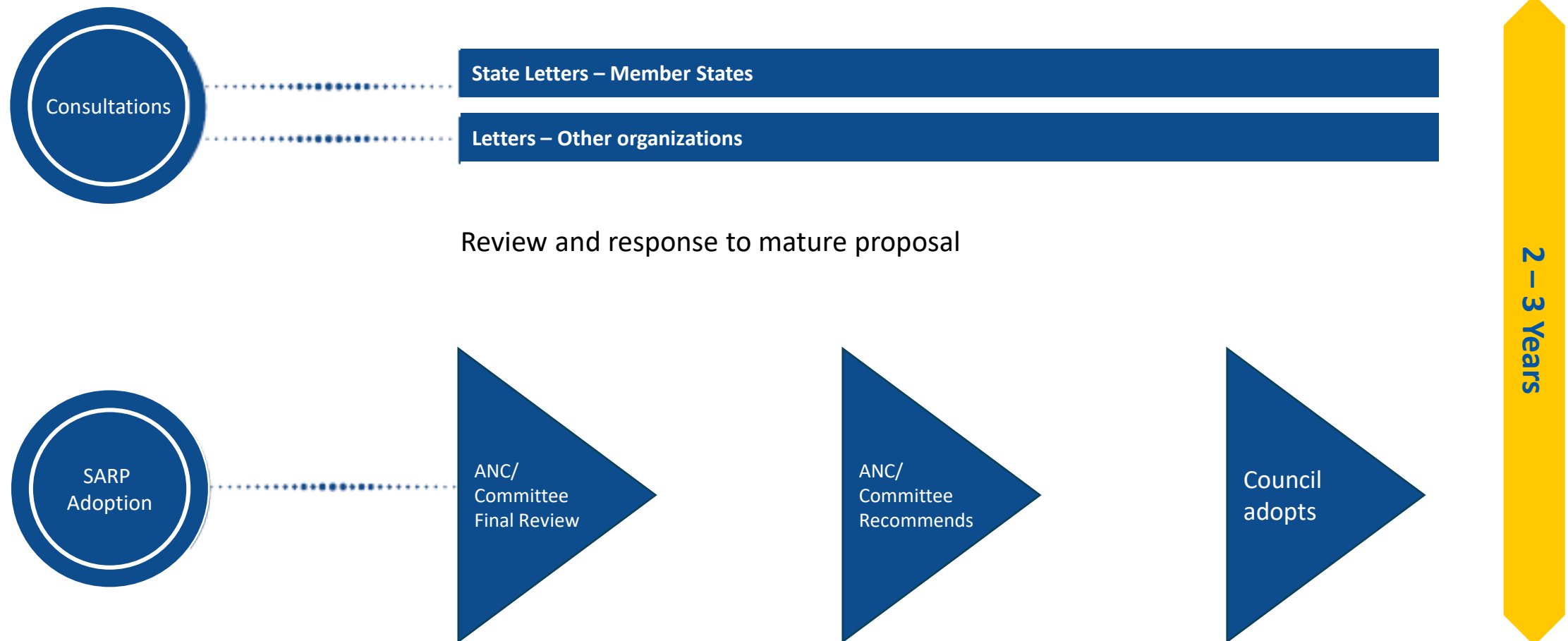
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How ICAO develops SARPs

Overview of the Standards-making Process



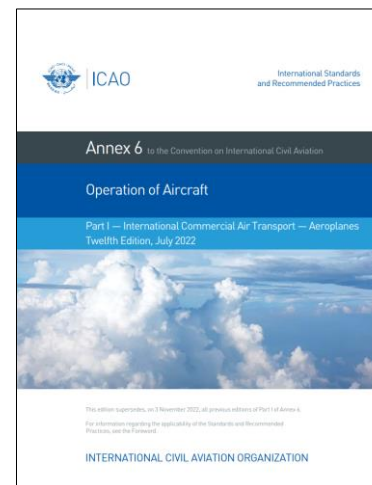
How ICAO develops SARPs

Overview of the Standards-making Process



“Green Edition”
sent to States via State Letter
(2 weeks after adoption)

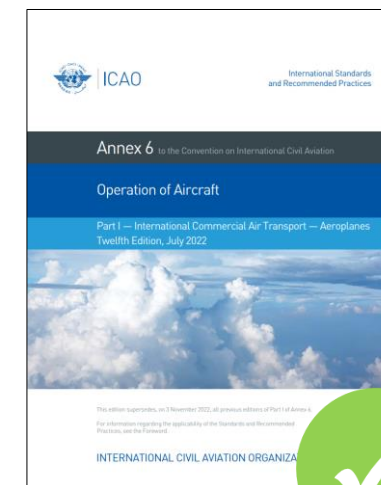
Notify any
disapproval
within
4 months



Effective Date
(approx. 4 months after
adoption)

“Blue Edition”
published

Notification of
Differences
1 month before
Applicability



Applicability Date
(usually November, either the
same year of adoption, or
much later to support better
implementation)

What is in ICAO's current Technical Work Programme



What is in ICAO's current Technical Work Programme

The Air Navigation Work Programme

- **The Safety and Air Navigation technical work programme**
(also known as the “Air Navigation Work Programme”)
 - records **current tasks and expected future tasks** of the ANC Panels and other expert groups (through “Job Cards”);
 - supports **ICAO's high-level strategic objectives** on safety and air navigation capacity and efficiency;
 - supports **associated priorities** detailed in the Global Aviation Safety Plan (GASP) and the Global Air Navigation Plan (GANP);
 - **maintained and reviewed by the ANC** at least once every calendar year, ensuring that all necessary tasks are identified and prioritized



What is in ICAO's current Technical Work Programme

Public View of the Air Navigation Work Programme

- **The approved technical work programme can be accessed via:**
<https://www.icao.int/safety/Pages/ANWorkProgramme.aspx>

AIR NAVIGATION WORK PROGRAMME	
Approved Technical Work Programme Back to home page	
Search:	
Job Card Title	
Acceptability of "Commercially Available" off-the-shelf Parts for Installation on an Aircraft (CoTS)	Annex 8
Accommodation of additional flight plan information in the ICAO flight plan (2012 FPL) while transitioning to FF-ICE	PANS-ATM (Doc 4444)
Address radio frequency interference issues for aviation and the need for action by States, ICAO and international organizations together	
ADS-B based pilot alerting on or near airport runways	
Advanced safety risk management provisions, methodologies and tools	Annex 19
Aerodrome Emergency Response Planning including RFF	Annex 14 - Vol I PANS-AERODROMES (Doc 9981)

What is in ICAO's current Technical Work Programme

Public View of the Air Navigation Work Programme

- **A different view is also accessible through the “Outlook on ICAO provisions”:**

- shows the planned amendments to ICAO Annexes and Manuals
- grouped by year and by document
- shows a generic and draft description for the amendment

AIR NAVIGATION WORK PROGRAMME

Outlook on ICAO Provisions

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2028

Annex 1 - Personnel Licensing

Description of Amendments

Update Annex 1 in line with revised PB AOM concept if required

Amend Annex 1 to advance the use of CBTA as a route to licensing for all pilot licences and ratings taking into account the results of WPE 10642.

If applicable, amend ICAO Annex 1 to include the use of STDs for AMTEM training and licensing.

Amend Annex 1 to advance the use of CBTA as a route to licensing for all air traffic controller licences and ratings taking into account the results of WPE 10642 actions

Amendments, if any, to Annex 1 to remove gender bias identified in the women and minority and ethnic groups representation study

Subject to the findings of the study, propose amendments to Annex 1 on the relevant licensing standards and recommended practices (SARPs) and competencies on automated systems and manual flying.

Amend Annex 1 to advance the use of CBTA as a route to licensing for aircraft maintenance personnel licences taking into account the results of WPE 10642 actions.

Annex 2 - Rules of the Air

Description of Amendments

Revision as necessary to support the revised upper limit of RVSM stratum.

Annex 3 - Meteorological Service for International Air Navigation

Description of Amendments

Harmonize SIGMET/VAA/VAG in relation to VA activity to eliminate overlap with NOTAMs

Annex 4 - Aeronautical Charts

Link at: [Outlook on ICAO Provisions](#)

What is in ICAO's current Technical Work Programme

Aviation Technical Areas

Aerodrome Design and Operations	Accident Investigation	Airworthiness	Air Traffic Management Operations	Wake Turbulence
ATM Requirements & Performance	Communications	Data Communication & Infrastructure	Operational Datalink	Dangerous Goods
Flight Operations	Flight Recorders	Safe Carriage of Goods	Frequency Spectrum	Instrument Flight Procedures
Information Management	Meteorology	Navigation Systems	Personnel Training and Licensing	Remotely Piloted Aircraft Systems
Safety Management	Surveillance	Trust Framework	+ Many others	

What is in ICAO's current Technical Work Programme

Aviation Technical Areas

Aerodrome Design and
Operations

Accident Investigation

Airworthiness

Air Traffic Management

Wake Turbulence

ATM Requirements
Performance

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+ Many others

Thank you

for the continued contributions
and support in advancing
Safety and Air Navigation initiatives

Questions?



Thank You

