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Introduction to PANS-Aerodromes

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Approval and applicability

- Procedures for Air Navigation Services – Aerodromes (Doc 9981), 1st edition
- Approved by the President of the Council on behalf of the Council on 20 October 2014
- Becomes applicable on 10 November 2016



Historical background

- The ANC final review of Amendment 10 to Annex 14, Volume I, in June 2008
- AN-WP/8379, February 2009 - feasibility study conducted by Secretariat based on
 - Introduction of NLA
 - Results of USOAP audits
 - Aerodromes Panel and its various WGs



Historical background

- Annex 14, Volume I is considered primarily a design document; Many challenges that aerodromes face today are of an operational nature
- Those challenges are addressed in many different ways or not at all. What we need are procedures that provide for standardization in the way aerodromes overcome the operational challenges



Historical background

- At existing aerodromes where full compliance with Standards cannot be achieved, alternative measures may be required in order to accommodate a specific type of aeroplane
- PANS-Aerodromes is needed which would include procedures on how to address such operational issues



Scope and Purpose

- The PANS-Aerodromes are complementary to the SARPs contained in Annex 14, Volume I
- Specifies, in greater detail than the SARPs, operational procedures to be applied by aerodrome operators to ensure aerodrome operational safety
- •Specifies procedures to be applied by both aerodrome regulators and operators for initial aerodrome certification and continuing aerodrome safety oversight as well as aerodrome compatibility studies



Scope and Purpose

- The PANS-Aerodromes do not substitute nor circumvent the provisions contained in Annex 14, Volume I
- It is expected that infrastructure on an existing aerodrome or a new aerodrome will fully comply with the requirements in Annex 14, Volume I



Scope and Purpose

- The 1st edition focuses on the priority areas identified by the ICAO Universal Safety Oversight Audit Programme in the domains of certification of aerodromes, safety assessment and operational procedures at existing aerodromes (aerodrome compatibility)
- Future editions will include topics that are relevant to the provision of uniform and harmonized procedures in aerodrome operations (to be addressed in Session 6)



Scope and Purpose

- This edition deals with the operational requirements of fixed-wing aircraft; the term “aeroplane” is deliberately used throughout the document to indicate it does not include operational requirements for helicopters
- The procedures in this document are directed mainly towards aerodrome operators and consequently do not include procedures for aerodrome control service provided by the air traffic service (ATS), which are already covered in the Procedures for Air Navigation Services — Air Traffic Management (PANS-ATM, Doc 4444).



Status

- The PANS do not have the same status as SARPs, which are adopted by the Council
- PANS are approved by the Council and recommended to Contracting States for worldwide application
- May contain material that may eventually become SARPs
- May also comprise material prepared as an amplification of the basic principles in the corresponding SARPs and designed particularly to assist the user in the application of those SARPs



Status

- Appendices are comprised of material grouped separately for convenience but form part of the Procedures
- • Attachments are comprised of material supplementary to the Procedures or included as a guide to their application

Implementation

- The implementation of procedures is the responsibility of Member States; they are applicable to actual operations only in so far as States have enforced them
- However, with a view to facilitating their processing towards implementation by States, they have been prepared in a language that will permit direct use by aerodrome and State personnel to certify, oversee and manage the operational activities of aerodromes



Publication of differences

- Do not fall under the obligation imposed by Article 38 of the Convention to notify differences in the event of non-implementation
- However, attention of States is drawn to the provision in Annex 15 — Aeronautical Information Services, related to the publication in their aeronautical information publication (AIP) of lists of significant differences between their procedures and the related ICAO procedures.



Contents of the 1st edition

- Chapter 1 — Definitions
- Chapter 2 — Certification of aerodromes
- Chapter 3 — Safety assessments for aerodromes
- Chapter 4 — Aerodrome compatibility



Thank You!

