



International Civil Aviation Organization
Western and Central African Office

**Eleventh Meeting of the Aerodrome Operations Planning Sub-Group
(AOP/SG/11)
(Dakar, Senegal, 3 to 7 August 2015)**

- Agenda Item 8:** - **Procedures for Air Navigation Services — Aerodromes (PANS–Aerodromes, Doc 9981)**
 - **Amendment of Annex 14, Volumes I and II**
 - **Proposals for the amendment of PANS–Aerodromes and Annex 14, Volumes I and II**

(Presented by the Secretariat)

SUMMARY
<p>This working paper presents the PANS–Aerodromes, the amendments and proposals for the amendment of PANS–Aerodromes and Annex 14, Volumes I and II and proposes action in order to give effect to outcome of the APIRG/EO.</p> <p>Action by the meeting is at paragraph 4.</p>
REFERENCES
<ul style="list-style-type: none"> – PANS–Aerodromes, Doc 9981 – Annex 14, Volumes I and II
<p>This Working Paper is related to Strategic Objectives: A, B & E</p>

1. Adoption of Procedures for Air Navigation Services — Aerodromes (PANS–Aerodromes, Doc 9981)

1.1 On 26 June 2014 the Air Navigation Commission, acting under delegated authority, approved the first edition of the Procedures for Air Navigation Services — Aerodromes (PANS–Aerodromes, Doc 9981). The document was approved on 20 October 2014 by the President of the Council on behalf of the Council in accordance with established procedure.

1.2 This first edition of PANS–Aerodromes addresses priority areas revealed by the Universal Safety Oversight Audit Programme (USOAP) audits in the areas of aerodrome certification, conduct of safety assessments and compatibility studies. The provisions therein specify, in greater detail than the Standards and Recommended Practices (SARPs) in Annex 14 — Aerodromes, Volume I — Aerodrome Design and Operations, operational procedures to be applied by both aerodrome regulators and operators in those priority areas to ensure aerodrome operational safety and to improve overall system capacity and efficiency in a globally harmonized manner.

1.3 The PANS–Aerodromes will become applicable on 10 November 2016. According to the decision taken by the Council, on 1 October 1973, States are requested to publish in their Aeronautical Information Publication a list of any significant differences which will exist on 10 November 2016 between the provisions of the PANS–Aerodromes and their national regulations and practices.

2. Adoption of Amendment 12 to Annex 14, Volume I

2.1 The Amendment 12 to the International Standards and Recommended Practices, Aerodromes — Aerodrome Design and Operations (Annex 14, Volume I to the Convention on International Civil Aviation) was adopted by the Council at the fifth meeting of its 204th Session on 4 March 2015.

2.2 The amendment concerning procedures on operations of aerodromes is to address priority areas revealed by the Universal Safety Oversight Audit Programme (USOAP) audits in the areas of aerodrome certification, conduct of safety assessment and compatibility studies. The objective of the amendment is to enhance aerodrome safety and efficiency in a globally harmonized manner by referencing the approved procedures of the first edition of the PANS-AERODROMES.

2.3 The Amendment 12 will become applicable on 10 November 2016. States are requested to notify any differences and compliance before 10 October 2016.

3. Proposals for the amendment of PANS–Aerodromes and Annex 14, Volumes I and II

References	Description of the proposal for the Amendment	Action by States
AN 4/1.1.54-14/97 of 19 December 2014	Proposals for the amendment of Annex 14, Volumes I and II and Annex 15. The amendment proposals to Annex 14, Volumes I and II, include, inter alia amendments in regard to the adoption of a new definition for arresting system, clarification for clear distances on aircraft stands, publishing RESA and arresting system in AIP, wheel-to-edge clearance for straight portions of code C taxiways, reduced taxiway and taxilane separation distances, taxiway design guidance for the prevention of runway incursion, flashing characteristics and colour specifications for light emitting diode (LED) lighting, maintenance (simplification and clarification) of Annex 14 Volume I on visual aids, clarification on light intensity distribution, marking and lighting of wind turbines over 150 m in height, location criteria for precision approach path indicator (PAPI) obstacle protection surface, mandatory instruction and information markings, prevention of foreign object debris (FOD) and installation of devices for their detection, maintenance (simplification or clarification) of Annex 14 Volume II on definitions, emergency response and frangibility requirements for heliports.	Comments to reach Montréal by 19 March 2015

<p>AN 4/1.1.55-15/30 of 29 May 2015</p>	<p>Proposals for the amendment of Annexes 3; 6, Parts I and II; 8; 14, Volume I; 15; PANS-Aerodromes; and PANS-ATM relating to the use of an enhanced global reporting format for assessing and reporting runway surface conditions.</p> <p>The amendment proposal to Annex 14, Volume I sets out the provisions for the introduction of, inter alia, the Runway condition report (RCR), Runway condition code (RWYCC) and the descriptors for assessing and reporting the runway surface condition. The amendment in this Annex forms the basis for the dissemination of information in Annex 15 and the PANS-ATM.</p> <p>The amendment proposal in the PANS-Aerodromes contains globally-harmonized procedures complementing the high level requirements in Annex 14, Volume I. These procedures provide detailed guidance on the concept, objectives and content of the RCR; how to assess a runway surface condition and assigning a RWYCC including procedures for the downgrading or upgrading of the codes; the use of the runway condition assessment matrix (RCAM) and the requisite operational practices in support of a global reporting format.</p>	<p>Comments to reach Montréal by 28 August 2015</p>
<p>AN 4/1.1.56-15/51 of 10 July 2015</p>	<p>Proposals for the amendment to Annex 14, Volume I and the PANS-ATM (Doc 4444) relating to the runway incursion warning system (ARIWS), a system which provides autonomous detection of a potential incursion or of the occupancy on an active runway and a direct warning to a flight crew or a vehicle operator.</p>	<p>Comments to reach Montréal by 13 October 2015</p>
<p>AN 4/1.1.57-15/53 of 15 July 2015</p>	<p>Proposals for the amendment to Annex 14, Volume I relating to visual aids for navigation and aerodrome design (Objects on runway and taxiway strips, Slopes on taxiway strips, Runway-holding position marking, Visual approach slope indicator systems, Information sign, ...)</p>	<p>Comments to reach Montréal by 15 October 2015</p>

4. ACTION BY THE MEETING

4.1 The meeting is invited to:

- a) note the information in this working paper and
- b) Urge States to take appropriate action.
