

AMENDMENT No. 12
TO THE
INTERNATIONAL STANDARDS
AND RECOMMENDED PRACTICES

AERODROMES

ANNEX 14
TO THE CONVENTION ON INTERNATIONAL CIVIL AVIATION

VOLUME I —
AERODROME DESIGN AND OPERATIONS

The amendment to Annex 1 contained in this document was adopted by the Council of ICAO on **4 March 2015**. Such parts of this amendment as have not been disapproved by more than half of the total number of Contracting States on or before **13 July 2015** will become effective on that date and will become applicable on **10 November 2016** as specified in the Resolution of Adoption. (State letter AN 4/1.1.53-15/27 refers.)

APRIL 2015

INTERNATIONAL CIVIL AVIATION ORGANIZATION

**AMENDMENT 12 TO THE INTERNATIONAL STANDARDS AND
RECOMMENDED PRACTICES**

**ANNEX 14 — AERODROMES
VOLUME I — AERODROME DESIGN AND OPERATIONS**

RESOLUTION OF ADOPTION

The Council

Acting in accordance with the Convention on International Civil Aviation, and particularly with the provisions of Articles 37, 54 and 90 thereof,

1. *Hereby adopts* on 4 March 2015 Amendment 12 to the International Standards contained in the document entitled *International Standards and Recommended Practices, Aerodrome Design and Operations* which for convenience is designated Annex 14, Volume I to the Convention;

2. *Prescribes* 13 July 2015 as the date upon which the said amendment shall become effective, except for any part thereof in respect of which a majority of the Contracting States have registered their disapproval with the Council before that date;

3. *Resolves* that the said amendment or such parts thereof as have become effective shall become applicable on 10 November 2016;

4. *Requests the Secretary General:*

a) to notify each Contracting State immediately of the above action and immediately after 13 July 2015 of those parts of the amendment which have become effective;

b) to request each Contracting State:

1) to notify the Organization (in accordance with the obligation imposed by Article 38 of the Convention) of the differences that will exist on 10 November 2016 between its national regulations or practices and the provisions of the Standards in the Annex as hereby amended, such notification to be made before 10 October 2016, and thereafter to notify the Organization of any further differences that arise;

2) to notify the Organization before 10 October 2016 of the date or dates by which it will have complied with the provisions of the Standards in the Annex as hereby amended;

c) to invite each Contracting State to notify additionally any differences between its own practices and those established by the Recommended Practices, when the notification of such differences is important for the safety of air navigation, following the procedure specified in subparagraph b) above with respect to differences from Standards.

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**NOTES ON THE PRESENTATION OF THE
AMENDMENT TO ANNEX 14, VOLUME I**

1. The text of the amendment is arranged to show deleted text with a line through it and new text highlighted with grey shading, as shown below:

~~Text to be deleted is shown with a line through it.~~

text to be deleted

New text to be inserted is highlighted with grey shading.

new text to be inserted

~~Text to be deleted is shown with a line through it~~ followed
by the replacement text which is highlighted with grey
shading.

new text to replace existing text

2. The source of the proposed amendment to Annex 14, Volume I arises from the Secretariat supported by the PANS-AERODROMES Study Group (PASG) in coordination with the Aerodromes Panel (AP).

TEXT OF AMENDMENT 12
TO THE
INTERNATIONAL STANDARDS
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VOLUME I —AERODROME DESIGN AND OPERATIONS

PUBLICATIONS
(related to the specifications of this Annex)

Advanced Surface Movement Guidance and Control Systems (A-SMGCS) Manual (Doc 9830)

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Manual on the ICAO Bird Strike Information System (IBIS) (Doc 9332)

Procedures for Air Navigation Services — Aerodromes (PANS-AERODROMES) (Doc 9981)

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CHAPTER 1. GENERAL

Introductory Note.— This Annex contains Standards and Recommended Practices (specifications) that prescribe the physical characteristics and obstacle limitation surfaces to be provided for at aerodromes, and certain facilities and technical services normally provided at an aerodrome. It also contains specifications dealing with obstacles outside those limitation surfaces. It is not intended that these specifications limit or regulate the operation of an aircraft.

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This document sets forth the minimum aerodrome specifications for aircraft which have the characteristics of those which are currently operating or for similar aircraft that are planned for introduction. Accordingly, any additional safeguards that might be considered appropriate to provide for more demanding aircraft are not taken into account. Such matters are left to appropriate authorities to evaluate and take into account as necessary for each particular aerodrome. Provisions for the accommodation of more demanding aircraft at existing aerodromes can be found in the PANS-AERODROMES (Doc 9981). Guidance on some possible effects of future aircraft on these specifications is given in the Aerodrome Design Manual (Doc 9157), Part 2.

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1.4 Certification of aerodromes

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1.4.1 States shall certify aerodromes used for international operations in accordance with the specifications contained in this Annex as well as other relevant ICAO specifications through an appropriate regulatory framework.

Note.— Specific procedures on the stages of certifying an aerodrome are given in the PANS-AERODROMES (Doc 9981). Further guidance on aerodrome certification can be found in the Manual on Certification of Aerodromes (Doc 9774).

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1.4.4 As part of the certification process, States shall ensure that an aerodrome manual which will include all pertinent information on the aerodrome site, facilities, services, equipment, operating procedures, organization and management including a safety management system, is submitted by the applicant for approval/acceptance prior to granting the aerodrome certificate.

Note 1.— Contents of an aerodrome manual, including procedures for its submission and approval/acceptance, verification of compliance and granting of aerodrome certificate, are available in the PANS-AERODROMES (Doc 9981).

Note 2.— The intent of a safety management system is to have in place an organized and orderly approach in the management of aerodrome safety by the aerodrome operator. Annex 19 — Safety Management contains the safety management provisions applicable to certified aerodrome. Guidance on an aerodrome harmonized safety management system is given in the Safety Management Manual (SMM) (Doc 9859) and in the Manual on Certification of Aerodromes (Doc 9774). Procedures on the management of change, conduct of safety assessment, reporting and analyses of safety occurrences at aerodromes and continuous monitoring to enforce compliance with applicable specifications so that identified risks are mitigated can be found in the PANS-AERODROMES (Doc 9981).

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Insert new text as follows:

1.7 Specific Procedures for Aerodrome Operations

Introductory Note.— This section introduces PANS-AERODROMES (Doc 9981) for the use of aerodromes undertaking an assessment of its compatibility for the type of traffic or operation the aerodrome is intending to accommodate. The material in the PANS-AERODROMES addresses operational issues faced by existing aerodromes and provides the necessary procedures to ensure the continued safety of operations. Where alternative measures, operational procedures and operating restrictions have been developed, these are detailed in the aerodrome manual and reviewed periodically to assess their continued validity. The PANS-AERODROMES do not substitute nor circumvent the provisions contained in this Annex. It is expected that infrastructure on an existing aerodrome or a new aerodrome will fully comply with the requirements in this Annex. See Annex 15, 4.1.2 (c) on States' responsibilities on listing of differences with the related ICAO Procedures in the Aeronautical Information Publication.

1.7.1 When the aerodrome accommodates an aeroplane that exceeds the certificated characteristics of the aerodrome, the compatibility between the operation of the aeroplane and aerodrome infrastructure and operations shall be assessed and appropriate measures be developed and implemented in order to maintain an acceptable level of safety during operations.

Note.— Procedures to assess the compatibility of the operation of a new aeroplane with an existing aerodrome can be found in the PANS-AERODROMES (Doc 9981).

1.7.2 Information concerning alternative measures, operational procedures and operating restrictions implemented at an aerodrome arising from 1.7.1 shall be promulgated.

Note 1.— See Annex 15, Appendix 1, AD 2.20 on the provision of detailed description of local traffic regulations.

Note 2.— See PANS-AERODROMES (Doc 9981), Chapter 3, section 3.6 on promulgation of safety information.

End of new text.

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