



ICAO

International Standards
and Recommended Practices

Annex 19 to the Convention on International Civil Aviation

Safety Management

Second Edition, July 2016



This edition supersedes, on 7 November 2019, all previous editions of Annex 19.

For information regarding the applicability of the Standards and Recommended Practices, see Chapter 2 and the Foreword.

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AMENDMENTS

Amendments are announced in the supplements to the *Products and Services Catalogue*; the Catalogue and its supplements are available on the ICAO website at www.icao.int. The space below is provided to keep a record of such amendments.

RECORD OF AMENDMENTS AND CORRIGENDA

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TABLE OF CONTENTS

	<i>Page</i>
Abbreviations.....	(vii)
Publications	(viii)
FOREWORD	(ix)
CHAPTER 1. Definitions	1-1
CHAPTER 2. Applicability.....	2-1
CHAPTER 3. State safety management responsibilities	3-1
3.1 State safety programme (SSP)	3-1
3.2 State safety policy, objectives and resources	3-1
3.3 State safety risk management	3-2
3.4 State safety assurance	3-4
3.5 State safety promotion	3-5
CHAPTER 4. Safety management system (SMS)	4-1
4.1 General	4-1
4.2 International general aviation — aeroplanes	4-2
CHAPTER 5. Safety data and safety information collection, analysis, protection, sharing and exchange	5-1
5.1 Safety data collection and processing systems	5-1
5.2 Safety data and safety information analysis	5-2
5.3 Safety data and safety information protection	5-2
5.4 Safety information sharing and exchange	5-3
APPENDIX 1. State safety oversight (SSO) system critical elements (CEs).....	APP 1-1
1. Primary aviation legislation (CE-1).....	APP 1-1
2. Specific operating regulations (CE-2)	APP 1-1
3. State system and functions (CE-3).....	APP 1-2
4. Qualified technical personnel (CE-4)	APP 1-2
5. Technical guidance, tools and provision of safety-critical information (CE-5).....	APP 1-2
6. Licensing, certification, authorization and approval obligations (CE-6)	APP 1-2
7. Surveillance obligations (CE-7).....	APP 1-3
8. Resolution of safety issues (CE-8).....	APP 1-3

	Page
APPENDIX 2. Framework for a safety management system (SMS).....	APP 2-1
1. Safety policy and objectives	APP 2-2
2. Safety risk management.....	APP 2-3
3. Safety assurance	APP 2-4
4. Safety promotion	APP 2-4
APPENDIX 3. Principles for the protection of safety data, safety information and related sources	APP 3-1
1. General principles	APP 3-1
2. Principles of protection.....	APP 3-2
3. Principles of exception	APP 3-2
4. Public disclosure.....	APP 3-3
5. Responsibility of the custodian of safety data and safety information	APP 3-3
6. Protection of recorded data	APP 3-3

ABBREVIATIONS*(used in this Annex)*

ADREP	Accident/incident data reporting
ATS	Air traffic services
CVR	Cockpit voice recorder
RAIO	Regional Accident and Incident Investigation Organization
RSOO	Regional Safety Oversight Organization
SARPS	Standards and Recommended Practices
SDCPS	Safety data collection and processing systems
SMM	Safety management manual
SMP	Safety management panel
SMS	Safety management system
SSO	State safety oversight
SSP	State safety programme

PUBLICATIONS
(referred to in this Annex)

Convention on International Civil Aviation (Doc 7300)

Annexes to the Convention on International Civil Aviation

Annex 1 — *Personnel Licensing*

Annex 6 — *Operation of Aircraft*

Part I — *International Commercial Air Transport — Aeroplanes*

Part II — *International General Aviation — Aeroplanes*

Part III — *International Operations — Helicopters*

Annex 8 — *Airworthiness of Aircraft*

Annex 11 — *Air Traffic Services*

Annex 13 — *Aircraft Accident and Incident Investigation*

Annex 14 — *Aerodromes*

Volume I — *Aerodrome Design and Operations*

Manuals¹

Global Aviation Safety Plan (Doc 10004)

Manual of Civil Aviation Medicine (Doc 8984)

Manual of Procedures for Operations Inspection, Certification and Continued Surveillance (Doc 8335)

Manual on the Implementation of Article 83 bis of the Convention on International Civil Aviation (Doc 10059)

Safety Management Manual (SMM) (Doc 9859)

Safety Oversight Manual (Doc 9734)

Part A — *The Establishment and Management of a State's Safety Oversight System*

1. The manuals referenced will be updated as necessary to harmonize the terminology with that used in this Annex.

FOREWORD

Historical background

The provisions in this Annex have been developed in response to recommendations provided by the Directors General of Civil Aviation Conference on a Global Strategy for Aviation Safety (Montréal, 20 to 22 March 2006) (DGCA/06) and the High-level Safety Conference (Montréal, 29 March to 1 April 2010) (HLSC/2010) regarding the need for an Annex dedicated to safety management. The Air Navigation Commission (186-8), having determined these issues to be of sufficient scope and importance, agreed to establish the Safety Management Panel (SMP) to provide recommendations for the development of this Annex.

The Standards and Recommended Practices (SARPs) in this Annex are intended to assist States in managing aviation safety risks. Given the increasing complexity of the global air transportation system and its interrelated aviation activities required to assure the safe operation of aircraft, this Annex supports the continued evolution of a proactive strategy to improve safety performance. The foundation of this proactive safety strategy is based on the implementation of a State safety programme (SSP) that systematically addresses safety risks.

Effective SSP implementation is a gradual process, requiring time to mature fully. Factors that affect the time required to establish an SSP include the complexity of the air transportation system as well as the maturity of the aviation safety oversight capabilities of the State.

This Annex consolidates material from existing Annexes regarding SSP and safety management systems (SMSs), as well as related elements including the collection and use of safety data and State safety oversight activities. The benefit of drawing together this material into a single Annex is to focus States' attention on the importance of integrating their safety management activities. It also facilitates the evolution of safety management provisions.

Certain State safety management functions required in Annex 19 may be delegated to a regional safety oversight organization or a regional accident and incident investigation organization on behalf of the State.

This Annex that contains SARPs related to responsibilities and processes underlying the safety management by States was first adopted by the Council on 25 February 2013 pursuant to the provisions of Article 37 of the Convention on International Civil Aviation (Chicago, 1944) and designated as Annex 19 to the Convention. The SARPs were based on provisions for safety management initially adopted by the Council in Annexes 1; 6, Parts I, II and III; 8; 11; 13 and 14, Volume I, and on recommendations of the first special meeting of the SMP (Montréal, 13 to 17 February 2012).

In its report to Council on the HLSC/2010 outcomes, the Air Navigation Commission had recommended that the development of the new Annex follow a two-phased process. The focus of the first phase was to establish the safety management Annex through the consolidation and reorganization of existing SARPs. Amendment 1 to Annex 19 includes substantive amendments to the safety management provisions as described below.

In recognition of the need to clarify the relationship between the eight critical elements (CEs) of a State safety oversight (SSO) system found in Appendix 1 and the detailed SSP framework elements previously found in Attachment A, Amendment 1 to Annex 19 consolidates, in Chapter 3, the provisions related to States' safety management responsibility. The CEs of an SSO system constitute the foundation of an SSP. Chapter 3 integrates the eight CEs of the SSO system with the SSP framework elements into a streamlined set of SARPs to facilitate implementation. The CEs remain visible in Appendix 1.

Furthermore, Amendment 1 provides new and amended SMS SARPs to facilitate implementation, including the addition of several explanatory notes. Amendment 1 also extends the applicability of an SMS to organizations responsible for the type design and manufacture of engines and propellers, which is facilitated by the recognition of these organizations in Annex 8.

Finally, Amendment 1 provides enhanced protections to safety data and safety information as well as their sources. One of the key elements of the amendment is that guidance material contained in the former Attachment B to Annex 19 has been upgraded to the status of SARPs, grouped within a new Appendix. The amendment enhances legal safeguards intended to assure the appropriate use and protection of safety information, thereby facilitating its continued availability to support proactive safety improvement strategies. Definitions for safety data and safety information have also been developed to provide clarity to the scope of the provisions, thereby facilitating consistent application.

As a result of the adoption of Amendment 1, the second edition of Annex 19 was published. This edition reflects the extensive nature of the amendment which completes the second phase of the development of the Annex. Amendment 1 was adopted by the Council on 2 March 2016, became effective on 11 July 2016 and applicable on 7 November 2019.

Table A shows the origin of subsequent amendments together with a list of the principal subjects involved and the dates on which the Annex and the amendments were adopted by the Council, when they became effective and when they became applicable.

Action by Contracting States

Notification of differences. The attention of Contracting States is drawn to the obligation imposed by Article 38 of the Convention by which Contracting States are required to notify the Organization of any differences between their national regulations and practices and the International Standards contained in this Annex and any amendments thereto. Contracting States are invited to extend such notification to any differences from the Recommended Practices contained in this Annex, and any amendments thereto when the notification of such differences is important for the safety of air navigation. Further, Contracting States are invited to keep the Organization currently informed of any differences which may subsequently occur or of the withdrawal of any differences previously notified. A specific request for notification of differences will be sent to Contracting States immediately after the adoption of each Amendment to this Annex.

Attention of States is also drawn to the provision of Annex 15 related to the publication of differences between their national regulations and practices and the related ICAO Standards and Recommended Practices through the Aeronautical Information Service, in addition to the obligation of States under Article 38 of the Convention.

Promulgation of information. The establishment and withdrawal of and changes to facilities, services and procedures affecting aircraft operations provided in accordance with the Standards and Recommended Practices specified in this Annex should be notified and take effect in accordance with the provisions of Annex 15.

Status of Annex components

An Annex is made up of the following component parts, not all of which, however, are necessarily found in every Annex; they have the status indicated.

1.— *Material comprising the Annex proper*

- a) *Standards and Recommended Practices* adopted by the Council under the provisions of the Convention. They are defined as follows:

Standard: Any specification for physical characteristics, configuration, matériel, performance, personnel or procedure, the uniform application of which is recognized as necessary for the safety or regularity of international air navigation and to which Contracting States will conform in accordance with the Convention; in the event of impossibility of compliance, notification to the Council is compulsory under Article 38.

Recommended Practice: Any specification for physical characteristics, configuration, matériel, performance, personnel or procedure, the uniform application of which is recognized as desirable in the interest of safety, regularity or efficiency of international air navigation, and to which Contracting States will endeavour to conform in accordance with the Convention.

- b) *Appendices* comprising material grouped separately for convenience but forming part of the Standards and Recommended Practices adopted by the Council.
- c) *Definitions* of terms used in the Standards and Recommended Practices which are not self-explanatory in that they do not have accepted dictionary meanings. A definition does not have an independent status but is an essential part of each Standard and Recommended Practice in which the term is used, since a change in the meaning of the term would affect the specification.
- d) *Tables* and *Figures* which add to or illustrate a Standard or Recommended Practice and which are referred to therein, form part of the associated Standard or Recommended Practice and have the same status.

It is to be noted that some Standards in this Annex incorporate, by reference, other specifications having the status of Recommended Practices. In such cases, the text of the Recommended Practice becomes part of the Standard.

2.— Material approved by the Council for publication in association with the Standards and Recommended Practices

- a) *Forewords* comprising historical and explanatory material based on the action of the Council and including an explanation of the obligations of States with regard to the application of the Standards and Recommended Practices ensuing from the Convention and the Resolution of Adoption;
- b) *Introductions* comprising explanatory material introduced at the beginning of parts, chapters or sections of the Annex to assist in the understanding of the application of the text;
- c) *Notes* included in the text, where appropriate, to give factual information or references bearing on the Standards or Recommended Practices in question but not constituting part of the Standards or Recommended Practices;
- d) *Attachments* comprising material supplementary to the Standards and Recommended Practices or included as a guide to their application.

Selection of language

This Annex has been adopted in six languages — English, Arabic, Chinese, French, Russian and Spanish. Each Contracting State is requested to select one of those texts for the purpose of national implementation and for other effects provided for in the Convention, either through direct use or through translation into its own national language, and to notify the Organization accordingly.

Editorial practices

The following practice has been adhered to in order to indicate at a glance the status of each statement: *Standards* have been printed in light face roman; *Recommended Practices* have been printed in light face italics, the status being indicated by the prefix **Recommendation**; *Notes* have been printed in light face italics, the status being indicated by the prefix *Note*.

The following editorial practice has been followed in the writing of specifications: for Standards the operative verb “shall” is used, and for Recommended Practices the operative verb “should” is used.

Any reference to a portion of this document, which is identified by a number and/or title, includes all subdivisions of that portion.

Table A. Amendments to Annex 19

<i>Amendment</i>	<i>Source(s)</i>	<i>Subject(s)</i>	<i>Adopted Effective Applicable</i>
1st Edition	Secretariat; first special meeting of the Safety Management Panel (SMP/SM/1)		25 February 2013 15 July 2013 14 November 2013
1 (2nd Edition)	First meeting of the Safety Management Panel (SMP/1) together with the 14th meeting of Airworthiness Panel Working Group of the Whole (AIRP/WG/WHL/14) and the Safety Information Protection Task Force (SIP TF) relating to safety management	Further development of safety management provisions and extension of safety management system (SMS) provisions to organizations responsible for the type design and/or manufacture of engines and propellers.	2 March 2016 11 July 2016 7 November 2019