



## International Civil Aviation Organization

### ELECTRONIC BULLETIN

For information only

EB 2025/36

3 December 2025

#### ANNEX AMENDMENTS THAT HAVE BECOME EFFECTIVE IN 2025

1. The following amendments to the Standards and Recommended Practices (Annexes to the Convention on International Civil Aviation) became effective on 4 August 2025 and 4 November 2025<sup>(\*)</sup>. The applicability dates are also provided in the following table.

Annex	Title	Amendment No.	Applicability Date(s)
Annex 3	<i>Meteorological Service for International Air Navigation</i>	82	27 November 2025, except for provisions related to quantitative volcanic ash information, which will become applicable on 26 November 2026
Annex 6	<i>Operation of Aircraft</i>		
Part I	<i>International Commercial Air Transport – Aeroplanes</i>	50	27 November 2025
Part II	<i>International General Aviation – Aeroplanes</i>	42	27 November 2025
Part III	<i>International Operations – Helicopters</i>	26	27 November 2025
Annex 10	<i>Aeronautical Telecommunications</i>		
Volume I	<i>Radio Navigation Aids</i>	94	27 November 2025
Volume II	<i>Communication Procedures including those with PANS status</i>	94	27 November 2025
Volume III	<i>Communication Systems</i>	93	27 November 2025
Volume V	<i>Aeronautical Radio Frequency Spectrum Utilization</i>	91	27 November 2025
Annex 11	<i>Air Traffic Services</i>	54	27 November 2025
Annex 14	<i>Aerodromes</i>		
Volume I	<i>Aerodrome Design and Operations</i>	18	27 November 2025, except for provisions related to ground handling, which will become applicable on 26 November 2026 and provisions related to obstacle limitation

Annex	Title	Amendment No.	Applicability Date(s)
			surfaces, which will become applicable on 21 November 2030.
Volume II	<i>Heliports</i>	10	27 November 2025, except for provisions related to certification and a safety management system (SMS) at heliports, which will become applicable on 26 November 2026
Annex 15	<i>Aeronautical Information Services</i>	44	27 November 2025
Annex 19*	<i>Safety Management</i>	2	26 November 2026

**Enclosure:**

Annex amendment descriptions

Issued under the authority of the Secretary General

**ANNEX AMENDMENTS THAT HAVE BECOME EFFECTIVE IN 2025**

**ANNEX AMENDMENT DESCRIPTIONS**

***Annex 3 – Meteorological Service for International Air Navigation, Amendment 82***

(State letter AN 10/1.1-25/24)

Amendment 82 relates to the a) restructured Annex 3, space weather information services, the international airways volcano watch (IAVW), the ICAO meteorological information exchange model (IWXXM), the world area forecast system (WAFS), improved definition of meteorological authority and introduction of a new definition of meteorological service provider; and b) quantitative volcanic ash information as of 26 November 2026.

***Annex 6 – Operation of Aircraft***

***Part I – International Commercial Air Transport – Aeroplanes, Amendment 50***

(State letter AN 11/1.3.37-25/22)

***Part II – International General Aviation – Aeroplanes, Amendment 42***

(State letter AN 11/6.3.35-25/34)

***Part III – International Operations – Helicopters, Amendment 26***

(State letter AN 11/32.3.18-25/35)

These amendments relate to consequential changes for the alignment of references to the new PANS-MET (Doc 10157).

***Annex 10 – Aeronautical Telecommunications***

***Volume I – Radio Navigation Aids, Amendment 94***

(State letter AN 7/62.2.4-25/31)

***Volume II – Communication Procedures including those with PANS status, Amendment 94***

(State letter AN 7/63.2.5-25/37)

***Volume III – Communication Systems, Amendment 93*** (State letter AN 7/64.2.4-25/25)

***Volume V – Aeronautical Radio Frequency Spectrum Utilization, Amendment 91***

(State letter AN 7/66.2.2-25/21)

These amendments relate to:

- a) advanced receiver autonomous integrity monitoring (ARAIM), the global positioning system (GPS), the Galileo system, the satellite-based augmentation system (SBAS), the ground-based augmentation system (GBAS), distance-measuring equipment (DME) and frequency assignment planning for instrument landing system (ILS), VHF omnidirectional radio range (VOR), DME and GBAS (Annex 10, Volume I);
- b) updates to the aeronautical telecommunication network (ATN)/Internet Protocol Suite (IPS) requirements; and space weather information services (Annex 10, Volume II);
- c) updates to the aeronautical telecommunication network (ATN)/Internet Protocol Suite (IPS) requirements regarding IPS mobility; across multiple media, naming and addressing, IPS security, quality of service (QoS), system management and overall transitional aspects (Annex 10, Volume III); and

- d) introduction of new definitions and Standards and Recommended Practices (SARPs) related to wireless avionics intra-communications (WAIC); and update of references to guidance material and to partly obsolete provisions in relation to frequency utilization for instrument landing system (ILS), VHF omnidirectional radio range (VOR), distance measuring equipment (DME) and ground-based augmentation system (GBAS) (Annex 10, Volume V).

**Annex 11 – *Air Traffic Services*, Amendment 54** (State letter AN 13/13.1-25/26)

Amendment 54 relates to inclusion of definition of meteorological service provider and alignment of notes with the new PANS-MET (Doc 10157).

**Annex 14 – *Aerodromes***

**Volume I – *Aerodrome Design and Operations*, Amendment 18** (State letter AN 4/1.2.31-25/23)

Amendment 18 relates to:

- a) runway strip width for code number 3 non-instrument runway; runway distance remaining signs (RDRS); harmonization of aerodrome lighting requirements for CAT II operations; main beam average intensity of lights; threshold marking; closed runway lighting; unserviceability signs; apron management service;
- b) ground handling as of 26 November 2026; and
- c) obstacle limitation surfaces as of 21 November .

**Volume II – *Heliports*, Amendment 10** (State letter AN 4/16.11-25/28)

Amendment 10 relates to certification and a safety management system (SMS) at heliports, obstacle limitation surfaces and visual aids (lighting) associated with heliports.

**Annex 15 – *Aeronautical Information Services*, Amendment 44** (State letter AN 2/2.9-25/27)

Amendment 44 relates to consequential changes for the development of space weather information service.

**Annex 19 – *Safety Management*, Amendment 2** (State letter AN 8/3.1-25/64)

Amendment 2 relates to enhancement of State safety programme (SSP) and safety management system (SMS) provisions, as well as the extension of SMS provisions to: a) operators holding a remotely piloted aircraft system (RPAS) operator certificate and authorized to conduct international operations; b) approved maintenance organizations providing services to a); and c) operators of certified heliports. In addition, the provisions related to the development of safety intelligence are further developed to support aviation decision-making.