



International  
Civil Aviation  
Organization

Organisation  
de l'aviation civile  
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Международная  
организация  
гражданской  
авиации

منظمة الطيران  
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17 April 2025

Ref.: AN 2/33-25/30

**Subject:** Approval of Amendment 4 to the PANS-AIM

**Action required:** a) Implementation of the amendment on 27 November 2025; and b) Publication of any differences as of 27 November 2025

Sir/Madam,

1. I have the honour to inform you that the Air Navigation Commission, acting under delegated authority, on 4 February 2025, approved Amendment 4 to the *Procedures for Air Navigation Services — Aeronautical Information Management* (PANS-AIM, Doc 10066), for applicability on 27 November 2025. The amendment was approved on 4 April 2025 by the President of the Council on behalf of the Council in accordance with established procedure. Copies of the amendment are available as attachments to the electronic version of this State letter on the ICAO-NET (<http://portal.icao.int>) where you can access all other relevant documentation.

2. Amendment 4 relates to an improved definition of meteorological authority. It arises from the fifth meeting of the Meteorology Panel (METP/5).

3. An implementation task list, including an outline of guidance material and an impact assessment for the amendment are presented in Attachments B and C, respectively. An overview of the approval process for Amendment 4 to the PANS-AIM is also included for your information in Attachment D.

4. Your Government is invited by the Council to implement the provisions of the PANS-AIM, as amended. In this connection, I draw your attention to the decision taken by the Council, on 1 October 1973, to discontinue the publication of differences in Supplements to the PANS documents and, instead, to request States to publish up-to-date lists of significant differences from PANS documents in their Aeronautical Information Publications (AIPs).

5. May I, therefore, invite your Government to publish in your Aeronautical Information Publication a list of any significant differences which will exist on 27 November 2025 between the amended provisions of the PANS-AIM and your national regulations and practices.

Accept, Sir/Madam, the assurances of my highest consideration.

for Juan Carlos Salazar  
Secretary General

**Enclosures:**

- A — Amendment to the Foreword of the PANS-AIM
- B — Implementation task list and outline of guidance material in relation to Amendment 4 to the PANS-AIM
- C — Impact assessment in relation to Amendment 4 to the PANS-AIM
- D — Overview of approval process for Amendment 4 to PANS-AIM

**ATTACHMENT A** to State letter AN 2/33-25/30

**AMENDMENT TO THE FOREWORD OF THE  
PANS-AIM (DOC 10066)**

*Add* the following element at the end of Table A:

<i><b>Amendment</b></i>	<i><b>Source(s)</b></i>	<i><b>Subject(s)</b></i>	<i><b>Approved Applicable</b></i>
4	Fifth meeting of the Meteorology Panel (METP/5)	Consequential amendment for the improved definition of meteorological authority.	4 April 2025 27 November 2025

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**IMPLEMENTATION TASK LIST AND OUTLINE OF GUIDANCE MATERIAL IN RELATION  
TO AMENDMENT 4 TO PANS-AIM (DOC 10066)**

**1. IMPLEMENTATION TASK LIST**

1.1 Essential steps to be followed by a State in order to implement Amendment 4 to the PANS-AIM:

- a) conduct a gap analysis between the new and modified ICAO provisions and national regulatory framework;
- b) identify the rule-making process necessary to transpose the new and modified ICAO provisions into national regulations, where necessary;
- c) draft the necessary modifications to the national regulations and means of compliance;
- d) officially adopt the national regulations and means of compliance;
- e) establish a national implementation plan that takes into account the new and modified ICAO provisions;
- f) implement the new and modified national regulations by the relevant stakeholders;
- g) modify the oversight framework according to the new and modified national regulations;
- h) oversight by the State of the implementation of the regulations; and
- i) publish significant differences, if any, in the State's AIP.

**2. STANDARDIZATION PROCESS**

2.1 Approval date: 4 April 2025

2.2 Applicability date: 27 November 2025

2.3 Embedded date(s): None.

3. **SUPPORTING DOCUMENTATION**3.1 **ICAO documentation**

<b>Title</b>	<b>Type (PANS/TI/Manual/Circ)</b>	<b>Planned publication date</b>
<i>Procedures for Air Navigation Services — Meteorology</i> (PANS-MET, Doc 10157)	PANS	Q4 2025

3.2 **External documentation**

<b>Title</b>	<b>External Organization</b>	<b>Publication date</b>
None.		

4. **IMPLEMENTATION ASSISTANCE TASKS**

<b>Type</b>	<b>Global</b>	<b>Regional</b>
Educational campaigns	IATA, IFATCA and IFALPA	Webinars with PIRGs and WMO

5. **UNIVERSAL SAFETY OVERSIGHT AUDIT PROGRAMME (USOAP)**

5.1 No amendment of the USOAP CMA protocol questions is required. This will be assessed during the next amendment cycle of the protocol questions.

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**ATTACHMENT C** to State letter AN 2/33-25/30

**IMPACT ASSESSMENT IN RELATION TO  
AMENDMENT 4 TO THE PANS-AIM (DOC 10066)**

**1. INTRODUCTION**

1.1 Amendment 4 to the PANS-AIM is a consequential change resulting from an improved definition of meteorological authority.

**2. IMPACT ASSESSMENT**

**2.1 *Consequential amendment for the improved definition of meteorological authority***

2.1.1 *Safety impact:* There is no impact on aviation safety with the implementation of this amendment.

2.1.2 *Financial impact:* There is no financial impact with the implementation of this amendment.

2.1.3 *Security impact:* There is no impact on aviation security with the implementation of this amendment.

2.1.4 *Environmental impact:* There is no environmental impact with the implementation of this amendment.

2.1.5 *Efficiency impact:* There is no efficiency impact with the implementation of this amendment.

2.1.6 *Expected implementation time:* Since this amendment is consequential, the implementation time is relative to the entity implementing it.

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**ATTACHMENT D** to State letter AN 2/33-25/30

**OVERVIEW OF APPROVAL PROCESS FOR  
AMENDMENT 4 TO PANS-AIM**

<b>Amendment concerning</b>	<b>Source(s)</b>	<b>Preliminary review by the ANC</b>	<b>State letter and date</b>	<b>Final review by the ANC</b>	<b>No. of replies at final review</b>	<b>Approved Applicable</b>
Consequential changes for the improved definition of meteorological authority	Fifth meeting of the Meteorology Panel (METP/5)	24 November 2022 (ANC 221-5)	AN 10/1-23/1 26 January 2023	13 June 2024 (ANC 226-7 and ANC 226-8)	74 Contracting States 5 int. org. Total: 79 Replies	4 April 2025 27 November 2025

— END —



**AMENDMENT No. 4**

**TO THE**

**PROCEDURES  
FOR  
AIR NAVIGATION SERVICES**

**AERONAUTICAL INFORMATION  
MANAGEMENT**

**(Doc 10066)**

**INTERIM EDITION**

The text of Amendment No. 4 to the PANS-AIM (Doc 10066) was approved by the President of the Council of ICAO on behalf of the Council on **4 April 2025** for applicability on **27 November 2025**. This interim edition is distributed to facilitate implementation of the amendment by States. Replacement pages incorporating Amendment No. 4 are expected to be distributed in October 2025. (State letter AN 2/33-25/30 refers.)

**APRIL 2025**

**INTERNATIONAL CIVIL AVIATION ORGANIZATION**



## **NOTES ON THE PRESENTATION OF THE AMENDMENT 4 TO THE PANS-AIM**

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:

- |   |                                   |
|---|-----------------------------------|
| 1. <del>Text to be deleted is shown with a line through it.</del>   | text to be deleted                |
| 2. <u>New text to be inserted is highlighted with grey shading.</u>   | new text to be inserted           |
| 3. <del>Text to be deleted is shown with a line through it</del> followed<br>by the replacement text which is highlighted with grey<br>shading. | new text to replace existing text |

**TEXT OF AMENDMENT 4**  
**TO THE**  
***PROCEDURES FOR AIR NAVIGATION SERVICES***  
***AERONAUTICAL INFORMATION MANAGEMENT (DOC 10066)***

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**Chapter 1**

**DEFINITIONS**

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***Metadata.*** Data about data (ISO 19115\*).

*Note.*— *A structured description of the content, quality, condition or other characteristics of data.*

***Meteorological authority.*** The entity arranging for the provision of meteorological service for international air navigation on behalf of a Contracting State, and providing regulation and oversight of the meteorological service.

***Meteorological service provider.*** The relevant entity designated to provide meteorological service for international air navigation on behalf of a Contracting State.

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**Chapter 5**

**AERONAUTICAL INFORMATION PRODUCTS AND SERVICES**

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**5.5 PRE-FLIGHT INFORMATION SERVICES**

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5.5.6 Automated pre-flight information systems providing a harmonized, common point of access by operations personnel, including flight crew members and other aeronautical personnel concerned, to aeronautical data and aeronautical information in accordance with 5.5.3 and meteorological information in accordance with 9.4.1 of Annex 3 — *Meteorological Service for International Air Navigation*, should be established by an agreement between the civil aviation authority or the agency to which the authority to provide service has been delegated in accordance with 2.1.1 c) of Annex 15 and the relevant meteorological authority-service provider.

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## Appendix 2

### CONTENTS OF THE AERONAUTICAL INFORMATION PUBLICATION (AIP)

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#### PART 1 — GENERAL (GEN)

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#### GEN 1. NATIONAL REGULATIONS AND REQUIREMENTS

##### GEN 1.1 Designated authorities

The addresses of designated authorities concerned with the facilitation of international air navigation (civil aviation, meteorology, customs, immigration, health, en-route and aerodrome/heliport charges, agricultural quarantine and aircraft accident investigation) containing, for each authority:

...

8) website address, if available.

*Note.— In the context of meteorological service for international air navigation, both the meteorological authority and the meteorological service provider(s) are to be indicated in the AIP as designated entities, in accordance with Annex 3, Chapter 2, 2.1.4 and 2.1.5, respectively.*

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#### GEN 3. SERVICES

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##### GEN 3.5 Meteorological services

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##### GEN 3.5.5 Notification required from operators

Minimum amount of advance notice required by the meteorological ~~authority~~ service provider from operators in respect of briefing, consultation and flight documentation and other meteorological information they require or change.

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*Editorial Note.—* Propose to retain reference to “meteorological authority” in GEN 3.5.6 below since the corresponding provision in Annex 3 (5.1) related to air-reports is addressed to the Contracting State.

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##### GEN 3.5.6 Aircraft reports

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As necessary, requirements of the meteorological authority for the making and transmission of aircraft reports.

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## **PART 2 — EN-ROUTE (ENR)**

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### **ENR 5. NAVIGATION WARNINGS**

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#### **ENR 5.3 Other activities of a dangerous nature and other potential hazards**

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##### **ENR 5.3.2 Other potential hazards**

*#AIP-DS#* Description, supplemented by charts where appropriate, of other potential hazards that could affect flights (active volcanoes, nuclear power stations, etc.), including:

...

4) authority or service provider responsible for the provision of information; and

5) remarks.

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— END —