



ICAO

International Civil Aviation Organization

Sixth Meeting of the Asia/Pacific Aerodrome Design
and Operations Task Force (AP-ADO/TF/6)

Langkawi, Malaysia, 18 - 21 February 2025

Agenda Item 4: Planning, Design and Construction of Aerodromes**CLARIFICATION OF CLAUSE INTERPRETATIONS IN ICAO ANNEX 14 VOLUME I**

(Presented by Malaysia)

SUMMARY

This paper presents several clauses from ICAO Annex 14 Volume I that require further clarification. The paper proposes these clauses for discussion and provides recommendations for adoption and revision, aiming to ensure consistent application and interpretation. The paper seeks the meeting's consideration of these recommendations.

1. INTRODUCTION

1.1 ICAO Annex 14 Volume I - Aerodrome Design & Operations serves as a crucial reference for the design and operation of aerodromes. However, certain clauses require further clarification to avoid misinterpretation or inconsistent implementation. This paper highlights three specific clauses in need of clarification and proposes recommendations to improve their clarity and ensure practical applicability.

2. DISCUSSIONForm and Proportions of Numbers and Letters for Runway Designation Markings

2.1 ICAO Annex 14 Vol I Clause 5.2.2.6 states that:

“The numbers and letters shall be in the form and proportion shown in Figure 5-3. The dimensions shall be not less than those shown in Figure 5-3, but where the numbers are incorporated in the threshold marking, larger dimensions shall be used in order to fill adequately the gap between the stripes of the threshold marking.”

The visual guidance on the format and dimensions for runway designation is specified in Figure 5-3, but it does not provide sufficient clarification on how to address cases involving runway designations number greater than "11" or combinations of numbers with 3.0 metre width (e.g., 33, 03). Clarification is required in such cases.

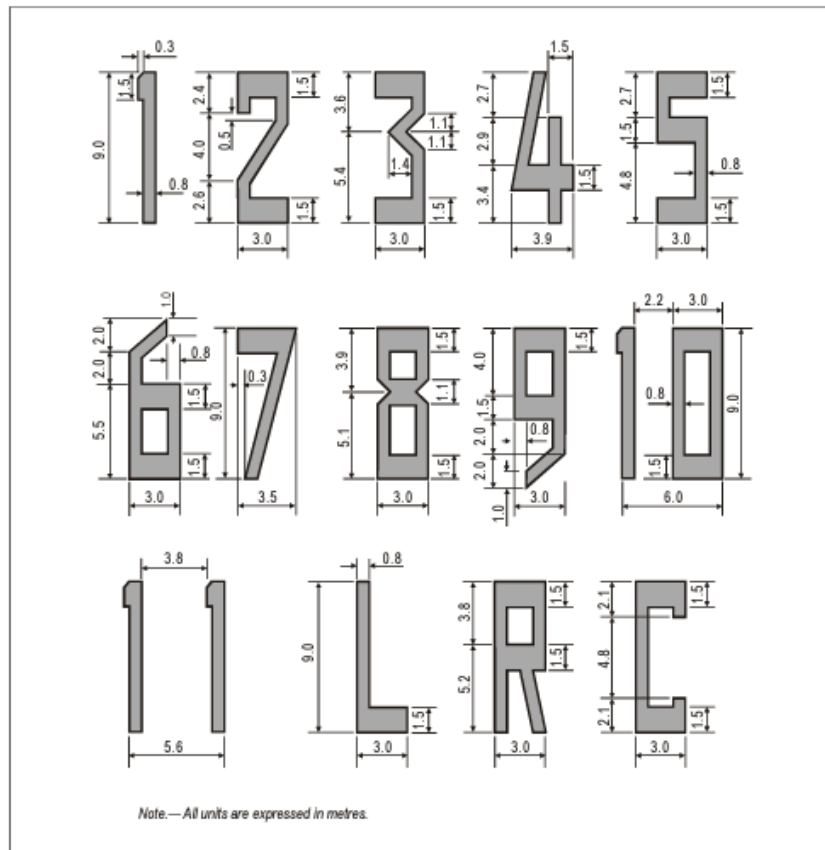


Figure 5-3. Form and proportions of numbers and letters for runway designation markings

Recommendation:

1. Propose to provide additional visual guidance on the format and dimensions of runway designation involving numbers greater than '11' and combination of numbers with 3.0 metre width.
2. Propose to set the gap dimension for the combination of numbers with a 3.0-metre width be standardized to 2.2 metres.

Clarification of the phrase "Location Taxiway"

2.2

ICAO Annex 14 Vol I Clause 5.4.3.32 states that:

*"The inscription on a location sign shall comprise the designation of the **location taxiway**, runway or other pavement the aircraft is on or is entering and shall not contain arrows."*

and

ICAO Annex 14 Volume I Clause 5.4.3.34(c) states that:

“Where a location sign and direction signs are used in combination:

*c) an appropriate direction sign shall be placed next to the location sign where the direction of the **location taxiway** changes significantly beyond the intersection; and”*

The use of the term "location taxiway" may potentially lead to confusion, as it is not an established term in the aerodrome nomenclature. Clarification is required for the term used.

Recommendation: Propose to refine the clause 5.4.3.32 to read as below:

5.4.3.32 The inscription on a location sign shall comprise the designation of the location of the taxiway, runway or other pavement the aircraft is on or is entering and shall not contain arrows.

or alternatively

5.4.3.32 The inscription on a location sign shall comprise the designation of the location taxiway, runway or other pavement the aircraft is on or is entering and shall not contain arrows where the sign is located.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) Review and discuss on the information contained in this paper;
- b) Consider and adopt the proposed recommendation; and
- c) discuss any relevant matters as appropriate.

Draft Conclusion AP-ADO/TF/6 – X: CLARIFICATION OF CLAUSE INTERPRETATIONS IN ICAO ANNEX 14 VOLUME I	
<p>What: That, AP-ADO/TF/6 – WP/08 be forwarded to ICAO Air Navigation Bureau for its review and consideration of the proposed recommendation to amend 5.4.3.32 of Annex 14 Volume I to avoid ambiguity in its interpretation and prevent inconsistencies in its application.</p>	<p>Expected impact:</p> <p><input type="checkbox"/> Political / Global</p> <p><input type="checkbox"/> Inter-regional</p> <p><input type="checkbox"/> Economic</p> <p><input type="checkbox"/> Environmental</p> <p><input checked="" type="checkbox"/> Ops/Technical</p>
<p>Why: Why: To avoid confusion in the interpretation and implementation of the provision of 5.4.3.32 of Annex 14, Volume I.</p>	<p>Follow-up: <input type="checkbox"/> Required from States</p>
<p>When: 04 July 2025</p>	<p>Status: To be adopted by Subgroup</p>
<p>Who: <input checked="" type="checkbox"/> Sub groups <input type="checkbox"/> APAC States <input checked="" type="checkbox"/> ICAO APAC RO <input checked="" type="checkbox"/> ICAO HQ <input type="checkbox"/> Other: XXXX</p>	

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