



*International Civil Aviation Organization*

**THE EIGHTH MEETING OF THE ASIA/PACIFIC GBAS/SBAS  
IMPLEMENTATION TASK FORCE (GBAS/SBAS ITF/8)**

*(Melbourne, Australia, 12-14 May 2026)*

**Agenda Item 3:** Review of the guidance documents on SBAS/GBAS implementation and ionospheric threat mitigation

**UPDATE OF THE SBAS IMPLEMENTATION GUIDANCE**

(Presented by Co-Chairs and Australia)

**SUMMARY**

This paper presents the draft updates of the Guidance Document for Implementation of SBAS in the Asia/Pacific Region. A guidance material on APV and LPV is proposed to be added as Appendix 3. A table of contents is also proposed to be added. The draft update is provided as Attachment A to this paper. The draft conclusion is provided in 2.4.

**1. INTRODUCTION**

1.1 The Guidance Document for Implementation of SBAS in the Asia/Pacific Region was finalized in the 7th meeting of the APAC GBAS/SBAS Implementation Task Force (GBAS/SBAS ITF/7) in May 2025, and has been published after endorsement by the 29th meeting of CNS SG (CNS SG/29) in June 2025.

1.2 In finalizing the SBAS Implementation Guidance Document, there were some discussions arising from confusion between the APV as defined in ICAO Annex 10 and LPV which does not appear in Annex 10.

1.3 The GBAS/SBAS ITF/7 understood what the APV and LPV were. The final draft was agreed and sent to the CNS SG, and it was finally endorsed by the CNS SG.

**2. DISCUSSION**

2.1 After the GBAS/SBAS ITF/7, Australia provided a comprehensive guidance material to clarify what APV and LPV refers to in the context of the instrument approach operations. Since readers may come to similar questions, as it invoked discussions in the GBAS/SBAS ITF/7, the guidance material would be helpful for readers to understand the SBAS Implementation Guidance Document.

2.2 It is proposed to include the guidance material on APV and LPV as Appendix 3 and refer to it from the Section 1 when APV and LPV first appear. In addition, a table of contents for readers' convenience is proposed to be added.

2.3 The draft updates of SBAS Implementation Guidance Document are provided as Attachment A to this working paper.

2.4 A draft conclusion is proposed for members’ discussion and agreement for seeking further endorsement by the CNS SG on the draft updates of the guidance document for implementation of SBAS in the Asia/Pacific Region:

<b>Conclusion/Decision 08/XX</b> - Draft Updates of the Guidance Document for Implementation of SBAS in the Asia/Pacific Region	
What: the draft updates of guidance document for implementation of SBAS in the Asia/Pacific Region developed by the APAC GBAS/SBAS ITF and provided in Attachment A of the GBAS/SBAS ITF/8 Meeting Report is ready for endorsement by CNS SG	Expected impact: <input type="checkbox"/> Political / Global <input type="checkbox"/> Inter-regional <input type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Ops/Technical
Why: To provide updated guidance to States for the implementation of SBAS	Follow-up: <input type="checkbox"/> Required from States
When: July 2026	Status: Draft to be adopted by CNS SG
Who: <input checked="" type="checkbox"/> CNS Sub group <input type="checkbox"/> APAC States <input type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Other:	

**3. ACTION REQUIRED BY THE MEETING**

3.1 The meeting is invited to:

- a) review the draft updates of guidance document for implementation of SBAS in the Asia/Pacific Region provided in Attachment A to this Working Paper;
- b) discuss and finalize the draft updates for implementation of SBAS; and
- c) endorse the Draft Conclusion proposed in this Working Paper.

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**Attachment A**

(Draft updates of the Guidance Document for Implementation of SBAS in the Asia/Pacific Region)

**Executive Summary for consideration for inclusion in the Meeting Report**

**UPDATE OF THE SBAS IMPLEMENTATION GUIDANCE**

This paper presents the draft update of the Guidance Document for Implementation of SBAS in the Asia/Pacific Region. Australia prepared a guidance material on APV and LPV, and it is proposed to be added as Appendix 3 to the guidance document. A table of contents is also proposed to be added. The draft update is provided as Attachment A to this paper. The draft conclusion to agree the draft update of the guidance document for endorsement by CNS SG is provided in 2.4.