



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 8: Sharing experience with airlines on GBAS and SBAS implementation in Australia and New-Zealand

**AUSTRALIA’S GROUND BASED AUGMENTATION SYSTEM (GBAS)
IMPLEMENTATION AND OPERATIONAL EXPERIENCE**

(Presented by Australia)

SUMMARY

This paper presents information on Australia’s experience with the implementation and operation of their Ground Based Augmentation System (GBAS) installations. Australia currently operates two GBAS installations, one at Sydney which was commissioned in 2014 and one at Melbourne, which was commissioned in 2017. Both GBAS installations support GLS approaches to Category I minima. The presentation contained at Attachment 1, provides information on Australia’s GBAS experience.

1. INTRODUCTION

1.1 Australia currently operates two Ground Based Augmentation System (GBAS) installations, one at Sydney and one at Melbourne. Both GBAS installations support GBAS Landing System (GLS) approaches to Category I minima.

1.2 Since the first GBAS was commissioned in Australia in 2014, Australia has gained substantial experience in the operation and maintenance of GBAS. The attached presentation provides further information on Australia’s implementation and operational experience, specifically in the areas of Engineering and Maintenance, Air Traffic Control and Procedures Design.

1.3 Furthermore, the presentation includes information on Australia’s GBAS journey, phased operational implementation approach and GBAS equipage rates.

2. DISCUSSION

2.1 Refer to the presentation contained at Attachment 1 which provides information on Australia’s GBAS implementation and operational experience.

3. ACTION REQUIRED BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper and the attached presentation; and
- b) discuss any relevant matters as appropriate.

ATTACHMENT 1: AUSTRALIA’S GBAS IMPLEMENTATION AND OPERATIONAL EXPERIENCE