



INTERNATIONAL CIVIL AVIATION ORGANIZATION

Ninth Meeting of the Airspace and Aerodrome Operations Sub-Group of the Africa - Indian Ocean Aviation System Planning and Implementation Group (AAO/SG9)

Nairobi, Kenya, 13-17 July 2026

Agenda Item 5.1:

REPORTING MECHANISM FOR DEFICIENCIES

Status of the AFI Air Navigation Deficiencies Database.

(Presented by Secretariat)

SUMMARY
This paper presents information and actions conducted for the identification and resolution of AOP and ATM related air navigation deficiencies and proposes the way forward. Action by the meeting is in item 3.
REFERENCE(S): • GANP • AFI ANP • AASPG/1 Report • AASPG Procedural Handbook
Related ICAO Strategic Goal(s): ➤ Every Flight Is Safe and Secure ➤ Aviation Delivers Seamless, Accessible, and Reliable Mobility for All ➤ No Country Left Behind

1. INTRODUCTION

1.1 The ICAO Council on 30 November 2001 approved the uniform methodology of identification, assessment, and reporting of air navigation deficiencies. States, International Organizations and Regional Offices are required to report Air Navigation Deficiencies in their areas of expertise as appropriate.

1.2 The lists of Air Navigation deficiencies in the AFI region is to be prepared annually, reported to AASPG for consideration.

2. DISCUSSION

2.1 A *deficiency* is a situation where a facility, service or procedure does not comply with a regional air navigation plan approved by the Council, or with related ICAO Standards and Recommended Practices, and which situation has a negative impact on the safety, regularity and/or

efficiency of international civil aviation.

2.2 To support the implementation of the Uniform Methodology for the identification, assessment and reporting of deficiencies, it was established for the AFI region, a web-based platform, the AFI Air Navigation Deficiencies Data Base (AANDDD). The Web based version for reporting of Air Navigation Deficiencies is available at <https://aandd.icao.int>.

2.3 The AANDDD application provides an online tool for States, Secretariat and relevant stakeholders to manage air navigation deficiencies in the region. The application is available on the ICAO ESAF and WACAF Regional Offices websites. The nominated Focal Points in the States and International Organizations are required to report deficiencies. The Regional Offices can also report deficiencies identified during activities conducted within the accredited States. The list of the minimum reporting areas as approved by AASPG are attached to this Working Paper as **Appendix A**.

2.4 Despite these frameworks, many deficiencies remain underreported or outdated while there is inconsistent participation by States in this process. There is also need for use of data for performance monitoring. The most recent categories of deficiencies that have been reported are in Communication, Navigation, Surveillance (CNS); Aerodromes and Ground Aids (AGA); Air Traffic Management (ATM) and Aeronautical Information Management (AIM).

2.5 The following observation has been made regarding the reported deficiencies:

- Some of the deficiencies have limited root cause analysis which could be due to weak coordination between regulators and service providers.
- Resource constraints (financial, human, technical), competing national priorities and limited follow-up and monitoring are also contributing factors to the inadequacy in reporting of deficiencies.

2.6 The meeting is reminded that failure to effectively report and address deficiencies leads to increased safety risks, reduced operational efficiency, fragmented regional air navigation systems, poor planning and investment decisions and ultimately reduced confidence in oversight systems.

2.7 Currently, there are four Air Navigation deficiencies in the Aerodrome Operations area, 2 notified deficiencies in AOP have been resolved, 1 was confirmed as a preliminary deficiency while 1 is yet to be reviewed. In ATM 8 Air Navigation Deficiencies were reported, 5 were rejected, 2 were confirmed as preliminary deficiencies while 1 is pending further information. In SAR, 6 Notifications were received, 2 were confirmed while 4 are pending further information.

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2.9 The meeting may consider encouraging all Stakeholders to embrace the use of the AFI AANDDD platform and report deficiencies to avoid the challenges that would arise due to non-reporting.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) Take note the information provided in this paper.
- b) Review the Minimum reporting areas and propose where necessary any changes and,
- c) Encourage States and organizations to strengthen their reporting mechanisms by actively utilizing AFI-ANNDD website and regularly update deficiency status.
