



## INTERNATIONAL CIVIL AVIATION ORGANIZATION

### Eighth Meeting of the AASPG Airspace and Aerodrome Operations Sub-Group (AAO/SG8)

Dakar, Senegal 14-18 July 2025

#### Agenda Item 3: Achievements in AOP and ATM/SAR

#### STATUS OF AIR NAVIGATION DEFICIENCIES IN ATM/SAR

*(Presented by Secretariat)*

SUMMARY
This working paper presents the status of the African Indian Ocean Region (AFI) ANS Deficiencies in ATM and SAR and calls on States to improve on the resolution of the current deficiencies.
<b>REFERENCE(S):</b> <ol style="list-style-type: none"> <li>1. APIRG/25 Report</li> <li>2. APIRG/27 Report</li> <li>3. AAO SG/7 Report</li> <li>4. AANDD</li> <li>5. APIRG Procedural Handbooks</li> <li>6. The Global Air Navigation Plans</li> <li>7. Doc 7474, Air Navigation Plan - Africa-Indian Ocean Region</li> </ol>
<b>Related ICAO Strategic Objective(s):</b> <b>A</b> -Aviation Safety <b>B</b> - Air Navigation Capacity and Efficiency <b>D</b> -Economic Development of Air Transport and <b>E</b> -Environmental Protection.

#### 1. INTRODUCTION

1.1 The APIRG/16 meeting held in 2007 highlighted the need for States to address persistent air navigation deficiencies impacting safety. The APIRG/18 meeting held in 2012 endorsed a list of minimum reporting areas for air navigation deficiencies reporting in AOP, ATM, SAR, CNS, AIM, and MET. States were expected to provide reporting on identified deficiencies to the ICAO Secretariat using the minimum reporting list; this was mainly done manually and was a tedious task. As a result, the Secretariat developed a database that supported the reporting, and several deficiencies loaded. However, the database was reported not to be user friendly and proved to be difficult to use. The States called for a more user-friendly database to be developed; the secretariat embarked on the task of improving the database to meet the need. To facilitate a harmonised and easy means of reporting of regional deficiency, the ICAO Secretariat developed a regional online platform tool, the AFI air navigation deficiency database (AANDD).

1.2 APIRG/25 requested the Secretariat to expedite the operationalization of the tool and urged States and Organizations that are yet to nominate AANDD Focal points to do so. Furthermore, APIRG/25 indicated the way for the management of Air Navigation Deficiencies in its Conclusion 25/30.

1.3 Following a focal points refresher workshop, the AANDD was rolled out for use in 2023 with a kick-off meeting held on 17th May 2023, to officially launch the operational use of the AANDD to manage air navigation deficiencies.

## 2. DISCUSSION

2.1 At the Twenty Seventh Meeting of the AFI Planning and Implementation Group (APIRG/27) held in November 2024 at East London, South Africa, it was reported that although the AANDD platform had been operational since 2023, no State or organization has reported a deficiency on the platform. The meeting was informed that two workshops on the air navigation deficiencies and the management of AANDD were conducted back-to-back in April and May 2024 at the ICAO Dakar Office to train focal points on the use of the platform. States and Organizations were encouraged to make effective use of the many benefits provided by the AANDD platform as a reporting tool and as a decision-making reference material.

2.2 APIRG/27 further discussed the alignment of the minimum reporting areas with the definition of "air navigation deficiencies," as approved by the Council of ICAO on 30 November 2001, and provided in PART V of the APIRG Procedural Handbook. In line with this the following Decision was made:

APIRG/27 Decision 27/07: Scope of the minimum reporting framework					
WHY?	That, to ensure consistency of the minimum reporting areas with the Council definition of air navigation deficiency,				
WHAT?	The list of minimum reporting areas to be revised as appropriate by 31 December 2024.				
WHO?	APIRG				
WHEN?	31 December 2024.				
Implementation following up					
Follow-up required	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Metrics	<b>Metric 1:</b> updated list of minimum reporting areas	Means to collect	APIRG Report

2.3 The Secretariate has embarked on reviewing the minimum reporting areas and open to receive feedback from the States on areas of improvement.

2.4 The reporting of deficiencies by States is proving to be a major challenge as many view it as self-reporting and fear to be viewed in bad light. This view makes it difficult for the State focal points to input identified deficiencies in the database.

2.5 There are, however, a few States that have overcome this challenge following the awareness workshops and provided data in the AANDD as required. Reports also received from IATA and ARMA are deficiencies identified in airspace management. Other

inputs provided by the Secretariate. Current report includes deficiencies from Angola, Benin, Burkina Faso, Central African Republic, Cameroon, Chad, Congo, Democratic Republic of Congo, Eritrea, Gabon, Gambia, Guinea, Guinea Bissau, Liberia, Mali, Mauritania, Niger, Nigeria, Sao Tome and Principle, Senegal and Seychelles.

2.6 The status of the reported deficiencies related to AOP and ATM/SAR is provided in the table below:

Area of Reporting	Number of air navigation deficiencies reported	Minimum Rep. Area	Comments
AOP	20	16 - Aerodrome certification  2 - Removal of Disabled aircraft  1 - Aerodrome Master Planning  1 - Aerodrome Emergency Planning	Under Process
ATM	6	2 - SSP Implementation  2 - LHD  1 - SMS Implementation  1 - CCO/CDO Implementation	Under Process  1 under process and 1 Active  Under process  Under process
SAR	2	1 - SAR Agreements  1 - SAREX implementation	Under Process  Under Process

2.7 The meeting is called upon to consider the way forward for encouraging more reporting of identified deficiencies. It is good to note that the more the reports the better the region can address the problem and eliminate the risks, thus improving the safety levels.

### 3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) Take note of the information in the paper.
- b) Consider the appropriate action to be taken to promote more reporting of deficiencies in the region.