



INTERNATIONAL CIVIL AVIATION ORGANIZATION

Fifth Meeting of the APIRG Airspace and Aerodrome Operations Sub-Group (AAO/SG5), Virtual Meeting, 23 to 26 August 2022

Agenda Item 10: Air Navigation Deficiencies

UPDATE ON THE OPERATIONALIZATION OF THE AFI AIR NAVIGATION DEFICIENCIES DATA (AANDD)

(Presented by Secretariat)

SUMMARY
<p>This working paper presents the progress made in the implementation and operationalization of the AFI Air Navigation Deficiencies Database (AANDD). It provides updates on the nomination and training of Focal Points, as well as on the status of deployment of the system.</p> <p>Action by the meeting in paragraph 3</p>
<p>REFERENCE(S): APIRG24/Report APIRG procedural handbook</p>
<p>Related ICAO Strategic Objective(s): This Working Paper relates to Strategic Objectives: A & B</p>

1. INTRODUCTION

- 1.1 The Council approved a uniform methodology for identifying, reporting, and assessing regional Air Navigation deficiencies against the ICAO Standards and Recommended Practices (SARPs) and Regional Air Navigation Plan (ANP).
- 1.2 To support the implementation of the Uniform Methodology, every PIRG is required to develop its own unique deficiency database as a means of sharing safety information related to Air Navigation systems. The database is to be available for use within the specific region(s) only.
- 1.3 The AFI Air Navigation Deficiency Database (ANDD) was developed and established in October 2011. The operationalization of the Air Navigation deficiency database is currently underway.

2. DISCUSSION

- 2.1 The meeting will recall that the APIRG/24 meeting, held virtually from 1st to 8th of November 2021, took note of the progress made in the development of the web-based AANDD platform and arrangements made by the Secretariat to provide training to States. States that are yet to nominate Focal Points were encouraged to do so as soon as possible. The list of Focal Points nominated by States is attached as Appendix A to this working paper.
- 2.2 The training workshop for Focal Points of States and Organizations was held on 23 and 24 November 2021, with the attendance of around 100 participants from 15 ESAF States (62.5%) and 9 WACAF States (37.5%). Participants from ANSPs and international Organizations also attended the workshop.
- 2.3 The workshop provided the participants with an understanding of air navigation deficiencies and clarified the distinction from the findings of USOAP activities. The minimum reporting areas were presented, and the process of deficiencies management was explained, followed by a demonstration of the online platform. The list of minimum reporting areas in AOP and ATM/SAR is provided in Appendix B of this working paper.
- 2.4 The workshop encouraged States and Organizations to embrace the AANDD and requested Focal Points to exercise themselves on the training platform to be ready for the full operationalization that would be launched in due course after the system's deployment on the ICAO domain.
- 2.5 Following up on the outcomes of the training workshop, the Regional Offices sent Letters to States, inviting the AANDD Focal Points to exercise on the database and coordinate its use with all internal and external stakeholders involved in the APIRG framework (AOP, ATM / SAR, CNS, MET, and AIM) and inform the Regional Office of difficulties encountered in the use of the tool. As almost half of the Focal Point did not attend the first training workshop, it is envisaged that a second workshop will be conducted once the operational version of the system is ready.
- 2.6 The deployment of the operational version has taken more time than expected due to some technical constraints. Fortunately, this process is now in its final stage.
- 2.7 While waiting for the full operationalization of the AANDD tool, States, Regulators, Air Navigation Service Providers (ANSPs), users (IATA, AFRAA, etc.), and professional organizations (IFALPA, IFATCA, IFATSEA, etc.) are encouraged to report on deficiencies that they are aware of. Reporting should be made, using the form provided in Appendix C of this working paper, on the minimum reporting areas of AOP and ATM/SAR as identified by APIRG, in addition to reporting any other deficiencies as defined by the Council as follows:

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.

3. ACTIONS BY THE MEETING

- 3.1 The meeting is invited to:
 - a) note of the information provided in this paper,
 - b) urge States that are yet to nominate AANDD Focal Points to do so,
 - c) encourage States, Regulators, Air Navigation Service Providers, users, and professional organizations to report on deficiencies
 - d) Take any other action as necessary.

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