

International Civil Aviation Organization



AFI Office



AFI Air Navigation Deficiency Database AANDD



Agenda

1. AANDD Development & Milestones

2. AANDD Access

3. AANDD Flow Chart

4. AANDD Online



AANDD Development

 AANDD was developed to assist in the enhancement process of identification, assessment, reporting and elimination of deficiencies in AFI Region.

 AANDD provides an online secure management system to effectively manage deficiencies in the AFI Region in the various technical areas.



AANDD Development

 In addressing and identifying deficiencies the following definition was used:

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 (SARPs), and which situation has a negative impact on the safety, regularity and/or efficiency of international civil aviation.

(adopted by ICAO Council 30 Nov. 01)



AANDD- Access

 AANDD will be accessed via ESAF and WACAF Office websites.

 A detailed User help manual will be available on ESAF and WACAF Office websites, as well.



AANDD- Access

 AANDD **site is restricted**. Access to the site is controlled through a “***user name***” and a “***password***,” which will be requested of the Focal Point when accessing the site.

 The interface of AANDD varies depending on the user access credentials/ rights.



AANDD- Focal Points

-  States shall designate **One Focal Point** to access **AANDD**.
-  An official request shall be sent to **ESAF** and **WACAF Office** websites to acquire **AANDD** access information (user name and password).
-  The request shall include the name of the **Focal Point**, his/her title/position in the **State CAA**, contact information: e-mail address and telephone number.



AANDD- Client Requirements

Computer

A computer (Notebook or PC) with workable configuration

Operating System

Windows 7, 10, XP or Vista.

Internet

A stable high speed internet connection.

Browser

A web browser, recommended IE 10 or higher.

Peripherals

AANDD can be accessed on any mobile phone or PDA with the ability to browse the internet.

Users Types

Area

States

Org.

User

Admin



AANDD Users

Area

Add Deficiency
Update Deficiency
Delete Deficiency
Approve Deficiency
Search Deficiency

States

Add Deficiency
Update Deficiency
Delete Deficiency
Search Deficiency

Org.

Add Deficiency
Update Deficiency
Delete Deficiency
Search Deficiency



AANDD Users



User



Search Deficiency



Admin



Manage Database

Manage User profiles

Assign Access Control

AANDD Flow Chart

AANDD Cycle

States & Org. Login AANDD
Search, add, update deficiency

Updated AANDD
reflected online &
reporting system

Requests are sent
to ESAF/WACAF Office
online / by email.

AANDD Database
updated
on Server

ESAF/WACAF
ROs update,
add, approve
deficiencies



AANDD- Snapshots Login

International Civil Aviation Organization

ESAF Office

AANDD

User Name

Password

LOGIN

Documentation

AANDD- Area Interface

International Civil Aviation Organization Eastern and Southern African (ESAF) Office

AANDD

Welcome to AOP [Log out](#)



**Add New
Deficiency**



**Delete
Deficiency**



**Update
Deficiency**



**Approve
Deficiency**



**Search
Deficiency**

AANDD- State Interface

International Civil Aviation Organization

Eastern and Southern African (ESAF) Office

AANDD

Welcome to ETHIOPIA



**Add
Deficiency**



**Delete
Deficiency**



**Update
Deficiency**



**Search
Deficiency**



AANDD- Snapshots Add

Add Deficiency

Delete Deficiency

Update Deficiency

Approve Deficiency

Search Deficiency

ICAO AFI DEFICIENCIES REPORTING FORM

| | | |
|--------------------------|--------------------------------|--------------------------------------|
| Identification | Select State | <input type="text" value="Algeria"/> |
| Status | <input type="text" value="N"/> | |
| Requirement | <input type="text"/> | |
| Facility / Services | <input type="text"/> | |
| Deficiencies | | |
| Description | <input type="text"/> | |
| Date First Reported | <input type="text"/> | |
| Remarks | <input type="text"/> | |
| Corrective Action | | |
| Description | <input type="text"/> | |
| Executing Body | <input type="text"/> | |
| Date of Completion | <input type="text"/> | |
| Priority for Action | <input type="text"/> | |

A B C U

Submit **Cancel**

AANDD- Snapshots Delete

International Civil Aviation Organization

Eastern and Southern African (ESAF) Office

AANDD

Welcome to AOP

Add Deficiency

Delete Deficiency

Update Deficiency

Approve Deficiency

Search Deficiency

Select State Status

| | Requirement | Facilities/ Services | Description | Date first reported | Remarks | Facilities/ Services | Executing body | Date of completion |
|-----------|--|--|---|---------------------|---|--------------------------------------|----------------|--------------------|
| X Ghana | Annex 15, 3.3 | Integrated AIS package | - | Jan 1998 | Non-availability of latest status of information. | Distribute regularly | Gambia | Dec 2004 |
| X Somalia | Annex 4, 3.2, 11.2 and 13.2, AFI/7 Rec.12/31 | ICAO Aerodrome Chart and the ICAO Aerodrome Obstacle Chart - Type A. | Non-availability of ICAO Aerodrome Chart, ICAO Aerodrome Obstacle Chart type A and ICAO Instrument Approach Chart for Hargeisa, Kismayu, Mogadishu. | Jan 1990 | Lack of these charts affects safety. | Publish the three Charts as required | Somalia | Dec 2007 |
| X Somalia | Annex 15, 3.6.4 | Coordinates WGS84 | Accuracy of coordinates to be established in accordance with Annexes 11 and 14. | Jan 1998 | Delay in introduction of GNSS | Implementation of WGS-84 coordinates | Somalia | Dec 2007 |
| X Angola | AMS AFI/7 Rec. 9/12 | Luanda FIC | Inadequate VHF coverage of busy ATS routes | Jan 1998 | Implement remote VHF stations | 5 VHF stations to be installed | ENANA | Dec 2012 |
| | AMS AFI/7 Rec. 9/12 | Luanda FIC | HF poor quality and unavailable in oceanic area | Jan 2004 | Improve facilities | Install adequate equipment | ENANA | Dec 2012 |

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Add Deficiency

Delete Deficiency

Update Deficiency

Approve Deficiency

Search Deficiency

Select State Status

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AANDD

AANDD- Snapshots Search

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[Add Deficiency](#)

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[Update Deficiency](#)

[Approve Deficiency](#)

[Search Deficiency](#)

Area State Status Priority A B U

Group By

Area

State

Date First Reported

Date of Completion

Keyword

Total Number of Deficiencies is: 195

Deficiencies in the AFTN field

Djibouti

| Item No | Identification | Deficiencies | | | Corrective Action | | | | |
|---------|-------------------------|----------------------|------------------------------|---------------------|-------------------|--|--------------------|--------------------|---------------------|
| | Requirement | Facilities/ Services | Description | Date first reported | Remarks | Facilities/ Services | Executing body | Date of completion | Priority for action |
| | AFTN Plan, AFI Rec. 9/7 | Djibouti AFTN centre | Circuit Djibouti/Addis Ababa | Jan 2002 | Unserviceable | To repair and upgrade. Modem available in Djibouti as well as new automatic switching centre | Djibouti, Ethiopia | Dec 2012 | U |

Deficiencies in the AFTN field

Eritrea

| Item No | Identification | Deficiencies | | | Corrective Action | | | | |
|---------|-------------------------|----------------------|----------------------------|---------------------|-----------------------------------|----------------------|-------------------|--------------------|---------------------|
| | Requirement | Facilities/ Services | Description | Date first reported | Remarks | Facilities/ Services | Executing body | Date of completion | Priority for action |
| | AFTN Plan, AFI Rec. 9/7 | Asmara AFTN centre | Circuit Asmara/Addis Ababa | Jan 1998 | The circuit has been disconnected | To be restored | Eritrea, Ethiopia | Dec 2012 | U |

Deficiencies in the AFTN field

Ethiopia

| Item No | Identification | Deficiencies | | | Corrective Action | | | | |
|---------|----------------|--------------|--|--|-------------------|--|--|--|--|
|---------|----------------|--------------|--|--|-------------------|--|--|--|--|

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AANDD- Snapshots Search

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Group By

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|---------|----------------|--|--------------|--|--|-------------------|--|--|--|
| | | | | | | | | | |



Technical Assistance

 For any inquiries, questions or requests,
kindly contact ESAF/WACAF Office:



icaoesaf@icao.int / icaowacaf@icao.int