

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

Status

Requirement

Facility / Services

Deficiencies

Description

Date First Reported

Remarks

Corrective Action

Description

Executing Body

Date of Completion

Priority for Action

Select State

Algeria	
Burkina Faso	
Burundi	
Cameroon	
Central African Republic	
Chad	
Comoros	
Congo	
Côte d'Ivoire	
Democratic Republic of the Congo	
Djibouti	
Equatorial Guinea	
Eritrea	
Ethiopia	
Ghana	
Guinea	
Kenya	
Lesotho	
Liberia	
Libyan Arab Jamahiriya	
Madagascar	
Malawi	
Mali	
Mauritania	
Mauritius	
Morocco	
Mozambique	
Namibia	
Niger	
Nigeria	
Rwanda	

Submit **Cancel**

AANDD- Snapshots Delete

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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

AANDD- Snapshots Update

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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
 Ghana	Annex 15, 3.3	Integrated AIS package	-	Jan 1998	Non-availability of latest status of information.	Distribute regularly	Gambia	Dec 2004
 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
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AANDD

AANDD- Snapshots Search

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[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

AANDD- Snapshots Search

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Area State Status Priority A B U

Group By

Area

State

Date First Reported

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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
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Deficiencies in the AFTN field

Eritrea

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Deficiencies in the AFTN field

Ethiopia

Item No	Identification		Deficiencies			Corrective Action			

Technical Assistance

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



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