



INTERNATIONAL CIVIL AVIATION ORGANIZATION

**AFI PLANNING AND IMPLEMENTATION REGIONAL GROUP
FOURTEENTH MEETING (APIRG/14)**

(Yaoundé, Cameroon, 23-27 June 2003)

Agenda Item 5: Deficiencies in the Air Navigation field in the AFI Region

5.4 Deficiencies in the MET field

(Presented by the Secretariat)

Summary

The list of deficiencies in the MET field as revised and updated by the Secretariat is presented herein.

1. Introduction

1.1 The list of deficiencies in the MET field was reviewed and updated based on the uniform methodology approved by Council for identification, assessing, tracking and reporting of deficiencies of air navigation systems. The review also took into account remedial action from States concerned and inclusion of additional deficiencies identified since APIRG/13 Meeting.

2. Action by the APIRG

2.1 The APIRG is invited to:

S review the list of deficiencies and actions thereon taken so far and decide on the safety impact and prioritization of each item of deficiency as well as on other factors according to the uniform methodology.

S adopt it for further action.

Deficiencies in the Meteorology Field
(REF. Air Navigation Plan - Africa-Indian Ocean region (Doc 7474)
Part IV - Meteorology (MET)

Identification		Deficiencies			Corrective action			
Requirements	Facilities or services	Description	Date first reported	Comments	Description	Executing body	Target date for implementation	Priority for action
1	2	3	4	5	6	7	8	9
Implementation of MET facilities and services - AFI/7 Rec. 14/10	Angola/Luanda 4 de Fevereiro	Exchange of OPMET deficient - Problems of institutional aspect	1996	Advice given through correspondence and mission	Reorganize MET Services for autonomous management	Angola	-	U
Implementation of aero-aautical MET offices - AFI/7 Rec. 14/11	Burundi/ Bujumbura	Inadequate staffing	1990	Advice given through correspondence and mission	Training of Forecasters	Burundi	-	B
Implementation of MET facilities and services - AFI/7 Rec. 14/10	Democratic Rep. of Congo/ Kinshasa Njili	Irregular OPMET data	1992	Advice through correspondence	Installation of reliable telecom. link	D. Rep. of Congo		B
Implementation of aero-aautical MET offices - AFI/7 Rec. 14/11	Equatorial Guinea/Malabo	Inadequate staffing	1995	Advice given through correspondence and mission	Training of MET personnel	Equatorial Guinea	-	B
Implementation of MET facilities and services - AFI/7 Rec. 14/10	The Gambia/ Banjul - Yundum Intl.	Wind measurement unreliable	1994	Advice given through correspondence	Installation of reliable wind equipment	The Gambia	-	A

Identification		Deficiencies			Corrective action			
Requirements	Facilities or services	Description	Date first reported	Comments	Description	Executing body	Target date for implementation	Priority for action
1	2	3	4	5	6	7	8	9
Implementation of MET facilities and services - AFI/7 Rec. 14/10	Guinea Bissau/ Bissau Osvaldo V.	Trend type landing forecasts not issued	1995	Advice given through correspondence	Forecast unit to issue Trend type landing forecasts	Guinea Bissau	-	B
Implementation of MET facilities and services AFI/7 Rec.14/10	Lesotho/ Maseru Moshoeshoe 1	1) Siting of the observatory in an unsuitable location	1993	Advice given through missions	Identify a suitable location	Lesotho	-	U
		2) Anemometer on RWY 04 has been unserviceable for many months	1997	Advice given through missions	Instal a new sensor with displays at appropriate ATC and MET positions	Lesotho	-	U
Implementation of MET facilities and services - Implementation of aeronautical MET offices AFI/7 Rec. 14/10 and 14/11	Liberia/ Roberts Intl.	1) Assistance to operators and crew members deficient	2000	Advice given to authorities	Adequate equipment	Liberia		U
		2) inadequate staffing	2000	Advice given to authorities	Training of forecasters	Liberia		U
Implementation of MET facilities and services - AFI/7 Rec. 14/10	Malawi/ Lilongwe Intl.	Irregular OPMET data	1992	Advice through correspondence	Installation of reliable telecom. link	Malawi	-	B

Identification		Deficiencies			Corrective action			
Requirements	Facilities or services	Description	Date first reported	Comments	Description	Executing body	Target date for implementation	Priority for action
1	2	3	4	5	6	7	8	9
Implementation of MET facilities and services - AFI/7 Rec. 14/10	Nigeria Kano MA	Provision of MET data to ATS deficient	1996	Advice given through correspondence and mission	Better display system of MET data to ATS units	Nigeria	2001	B
Implementation of aeronautical MET offices AFI/7 Rec.14/11	Rwanda/Kigali G.K.	Inadequate staffing	1994	TC Project RWA/87/006	Further training is needed	UN - Rwanda		B
Implementation of MET facilities and services. Implementation of aeronautical MET offices AFI/7 Rec. 14/10 AFI/7 Rec.14/11	Sao Tomé & Principe/ Sao Tomé	Irregular OPMET data inadequate staffing	1991	Advice given through correspondence	Installation of reliable telecom. link. Training of MET personnel	Sao Tome & Principe		B
Implementation of MET facilities and services - AFI/7 Rec. 14/10	Sierra Leone/ Lungi Airport	Data from basic MET equipment unreliable	1994	Advice given through correspondence	Installation of reliable MET basic equipment	Sierra Leone	-	B
Implementation of MET facilities and services AFI/7 Rec.14/10	Swaziland/ Manzini Matsapha Airport	wind sensor height about 30 meters above aerodrome elevation	1993	Advice given through missions	Lower the height of the wind sensor to recommended WMO/ICAO standards	Swaziland	-	A

EXPLANATORY NOTES FOR APPENDICES ON DEFICIENCIES

1. Requirement identified at a given meeting through a recommendation; name of the meeting and the related recommendation number
2. Name of the State or States involved and/or the name of the facilities such as name of airport, FIR, ACC, TWR, etc.
3. Brief description of the deficiency :
4. Date deficiency was first reported :
5. Comments.
6. Brief description of the corrective actions to be undertaken.
7. Identification of the executing body.
8. Target date for completion of the corrective action.
9. Priority and classification

“U” priority = **Urgent** requirements having a **direct** impact on **safety** and requiring **immediate** corrective actions.

Urgent requirements consisting of any physical, configuration, material, performance, personnel or procedures specifications, the application of which is urgently required for air navigation safety.

“A” priority = **Top priority** requirements **necessary** for air navigation **safety**.

Top priority requirement consisting of any physical, configuration, material, performance, personnel or procedures specification, the application of which is considered necessary for air navigation safety.

“B” priority = **Intermediate** requirements **necessary** for air navigation **regularity**.

Intermediate priority requirement consisting of any physical, configuration, material, performance, personnel or procedures specification, the application of which is considered necessary for air navigation regularity and efficiency.