AFI PLANNING AND IMPLEMENTATION REGIONAL GROUP (APIRG)

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VOLUME III

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Revision Index

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-	2017	September 2017	Creation	All pages
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ABBREVIATIONS

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APPENDICES

DAIM Digital Aeronautical Information Management

In order to assist States in the planning for the transition from AIS to AIM in an expeditious manner, the following Tables, should be used.

Table DAIM III**-1** : *(provide the title)*

(provide short description of the Table)

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(provide short description of the Table)

Table DAIM III.1 - Provision of AIS/AIM products and services based on the Integrated Aeronautical Information Database (IAID)

EXPLANATION OF THE TABLE

Column number	Description
1	Name of the State or territory for which the provision of AIS/AIM products and services based on the IAID is required.
2	Requirement for the implementation and designation of the authoritative IAID, shown by: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented ***Note 1*** *— The IAID of a State is a single access point for one or more databases (AIP, Terrain, Obstacles, AMDB, etc.). The minimum set of databases which should be integrated is defined in Annex 15.* ***Note 2*** *— The information related to the designation of the authoritative IAID should be published in the AIP (GEN 3.1)*
3	Requirement for an IAID driven AIP production, shown by: FI – Fully Implemented (eAIP: Text, Tables and Charts) PI – Partially Implemented NI – Not Implemented *Note 3 — AIP production includes, production of AIP, AIP Amendments and AIP Supplements* *Note 4 — Charts' GIS-based database should be interoperable with AIP database*
4	Requirement for an IAID driven NOTAM production, shown by: FC – Fully Compliant NC – Not Compliant
5	Requirement for an IAID driven SNOWTAM processing, shown by: FI – Fully Implemented NI – Not Implemented
6	Requirement for an IAID driven PIB production, shown by: FC – Fully Compliant PC – Partially Compliant NC – Not Compliant
7	Requirement for Procedure design systems to be interoperable with the IAID, shown by: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented *Note 5 — full implementation includes the use of the IAID for the design of the procedures and for the storage of the encoded procedures in the IAID*
8	Requirement for ATS systems to be interoperable with the IAID, shown by: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented
9	Action Plan — short description of the State's Action Plan with regard to the provision of AIM products and services based on the IAID, especially for items with a "PC", "PI", "NC" or "NI" status, including planned date(s) of full compliance, as appropriate.
10	Remarks — additional information, including detail of "PC", "NC", "PI" and "NI", as appropriate.

Table DAIM III.1a: Provision of AIS/AIM products and services based on the Integrated Aeronautical Information Database (IAID)

ESAF States	IAID	AIP	NOTAM	SNOWTAM	PIB	Procedure Design	ATS	Action Plan	Remarks
1	2	3	4	5	6	7	8	9	10
Angola									
Botswana									
Burundi									
Comoros									
Djibouti									
Eritrea									
Eswatini									
Ethiopia									
Kenya									
Lesotho									
Madagascar									
Malawi									
Mauritius									
Mozambique									
Namibia									
Rwanda									
Seychelles									
Somalia									
South Africa									
South Sudan									
Uganda									
United Republic of Tanzania									
Zambia									
Zimbabwe									

Table DAIM III.1b: Provision of AIS/AIM products and services based on the Integrated Aeronautical Information Database (IAID)

WACAF States	IAID	AIP	NOTAM	SNOWTAM	PIB	Procedure Design	ATS	Action Plan	Remarks
1	2	3	4	5	6	7	8	9	10
Benin									
Burkina Faso									
Cameroon									
Cape Verde									
Central African Republic									
Chad									
Congo									
Cote d'Ivoire									
Democratic Republic of Congo									
Equatorial Guinea									
Gabon									
Gambia									
Ghana									
Guinea Bissau									
Guinea									
Liberia									
Mali									
Mauritania									
Niger									
Nigeria									
Sao Tome & Principe									

Senegal									
Sierra Leone									
Togo									

Table DAIM III.2 Aeronautical Data Quality

Column number	Description
1	Name of the State or territory
2	Compliance with the requirement for implementation of QMS for Aeronautical Information Services including safety and security objectives, shown by: FC – Fully compliant NC – Not compliant
3	Compliance with the requirement for the establishment of formal arrangements with approved data originators concerning aeronautical data quality, shown by:: FC – Fully compliant PC – Partially compliant NC – Not compliant
4	Implementation of digital data exchange with originators, shown by: FI – Implemented PI – Partially Implemented NI – Not implemented *Note 1 — Information providing detail of "PI" and "NI" should be given in the Remarks column (percentage of implementation).*
5	Compliance with the requirement for metadata, shown by: FC – Fully compliant PC – Partially compliant NC – Not compliant
6	Compliance with the requirements related to aeronautical data quality monitoring (accuracy, resolution, timeliness, completeness), shown by: FC – Fully compliant PC – Partially compliant NC – Not compliant
7	Compliance with the requirements related to aeronautical data integrity monitoring, shown by: FC – Fully compliant PC – Partially compliant NC – Not compliant
8	Compliance with the requirements related to the AIRAC adherence, shown by: FC – Fully compliant NC – Not compliant
9	Action Plan — short description of the State's Action Plan with regard to aeronautical data quality requirements implementation, especially for items with a "PC", "PI", "NC" or "NI" status, including planned date(s) of full compliance, as appropriate..
10	Remarks — additional information, including detail of "PC", "NC", "PI" and "NI", as appropriate

TABLE DAIM-III-2a Aeronautical Data Quality

ESAF States	QMS	Establishment of formal agreements	Digital data exchange with originators	Metadata	Data quality monitoring	Data integrity monitoring	AIRAC adherence	Action Plan	**Remarks**
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**
Angola									
Botswana									
Burundi									
Comoros									
Djibouti									
Eritrea									
Eswatini									
Ethiopia									
Kenya									
Lesotho									
Madagascar									
Malawi									
Mauritius									
Mozambique									
Namibia									
Rwanda									
Seychelles									
Somalia									
South Africa									
South Sudan									
Uganda									
United Republic of Tanzania									
Zambia									
Zimbabwe									

TABLE DAIM-III-2b Aeronautical Data Quality

WACAF States	QMS	Establishment of formal agreements	Digital data exchange with originators	Metadata	Data quality monitoring	Data integrity monitoring	AIRAC adherence	Action Plan	**Remarks**
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**
Benin									
Burkina Faso									
Cameroon									
Cape Verde									
Central African Republic									
Chad									
Congo									
Cote d'Ivoire									
Democratic Republic of Congo									
Equatorial Guinea									
Gabon									
Gambia									
Ghana									
Guinea Bissau									
Guinea									
Liberia									
Mali									
Mauritania									
Niger									

Nigeria									
Sao Tome & Principe									
Senegal									
Sierra Leone									
Togo									

Table DAIM-III-3 World Geodetic System-1984 (WGS-84)

Explanation of the Table

Column number	Description
1	Name of the State or territory for which implementation of WGS-84 is required
2	Compliance with the requirements for implementation of WGS-84 for FIR and En-route points, shown by:: FC – Fully compliant PC – Partially compliant NC – Not compliant
3	Compliance with the requirements for implementation of WGS-84 for Terminal Areas (arrival, departure and instrument approach procedures), shown by: FC – Fully compliant PC – Partially compliant NC – Not compliant
4	Compliance with the requirements for implementation of WGS-84 for Aerodrome, shown by: FC – Fully compliant PC – Partially compliant NC – Not compliant
5	Compliance with the requirements for implementation of Geoid Undulation, shown by: FC – Fully compliant PC – Partially compliant NC – Not compliant
6	Action Plan — short description of the State's Action Plan with regard to aeronautical data quality requirements implementation, especially for items with a "PC", "PI", "NC" or "NI" status, including planned date(s) of full compliance, as appropriate..
7	Remarks — additional information, including detail of "PC", "NC", "PI" and "NI", as appropriate

TABLE DAIM-III-3a World Geodetic System-1984 (WGS-84)

ESAF States	FIR/ENR	Terminal	AD	GUND	Action Plan	**Remarks**
1	**2**	**3**	**4**	**5**	**9**	**10**
Benin						
Burkina Faso						
Cameroon						
Cape Verde						
Central African Republic						
Chad						
Congo						
Cote d'Ivoire						
Democratic Republic of Congo						
Equatorial Guinea						
Gabon						
Gambia						
Ghana						
Guinea Bissau						
Guinea						
Liberia						
Mali						
Mauritania						
Niger						
Nigeria						
Sao Tome & Principe						
Senegal						
Sierra Leone						
Togo						

TABLE DAIM-III-3b World Geodetic System-1984 (WGS-84)

WACAF States	FIR/ENR	Terminal	AD	GUND	Action Plan	**Remarks**
1	**2**	**3**	**4**	**5**	**6**	**7**
Angola						
Botswana						
Burundi						
Comoros						
Djibouti						
Eritrea						
Eswatini						
Ethiopia						
Kenya						
Lesotho						
Madagascar						
Malawi						
Mauritius						
Mozambique						
Namibia						
Rwanda						
Seychelles						
Somalia						
South Africa						
South Sudan						
Uganda						
United Republic of Tanzania						
Zambia						
Zimbabwe						

Table DAIM-III-4-1 Provision of Terrain and Obstacle data sets for Areas 1 and 4 Explanation of the Table

Explanation of the Table

Column number	Description
1	Name of the State or territory for which Terrain and Obstacle data sets for Areas 1 and 4 are require
2	Compliance with the requirements for implementation of WGS-84 for FIR and En-route points, shown by:: FC – Fully compliant PC – Partially compliant NC – Not compliant
3	Compliance with requirement for the provision of Terrain data sets for Area 4, shown by: FC – Fully compliant PC – Partially compliant NC – Not compliant
4	Compliance with requirement for the provision of Obstacle data sets for Area 1, shown by:: FC – Fully compliant PC – Partially compliant NC – Not compliant
5	Compliance with requirement for the provision of Obstacle data sets for Area 4, shown by: FC – Fully Compliant PC – Partially Compliant NC – Not Compliant N/A – Not Applicable
6	Action Plan — short description of the State's Action Plan with regard to aeronautical data quality requirements implementation, especially for items with a "PC", "PI", "NC" or "NI" status, including planned date(s) of full compliance, as appropriate..
7	Remarks — additional information, including detail of "PC", "NC", "PI" and "NI", as appropriate

TABLE DAIM-III-4-1a Provision of Terrain and Obstacle data sets for Areas 1 and 4

TABLE DAIM-3-4-1b Provision of Terrain and Obstacle data sets for Areas 1 and 4

ESAF States	Terrain data sets		Obstacle data sets		Action Plan	**Remarks**
	Area 1	Area 4	Area 1	Area 4		
1	**2**	**3**	**4**	**5**	**6**	**7**
Angola						
Botswana						
Burundi						
Comoros						
Djibouti						
Eritrea						
Eswatini						
Ethiopia						
Kenya						
Lesotho						
Madagascar						
Malawi						
Mauritius						
Mozambique						
Namibia						
Rwanda						
Seychelles						
Somalia						
South Africa						
South Sudan						
Uganda						
United Republic of Tanzania						
Zambia						
Zimbabwe						

TABLE DAIM-III-4-1b Provision of Terrain and Obstacle data sets for Areas 1 and 4

WACAF States	Terrain data sets		Obstacle data sets		Action Plan	**Remarks**
	Area 1	Area 4	Area 1	Area 4		
1	**2**	**3**	**4**	**5**	**6**	**7**
Benin						
Burkina Faso						
Cameroon						
Cape Verde						
Central African Republic						
Chad						
Congo						
Cote d'Ivoire						
Democratic Republic of Congo						
Equatorial Guinea						
Gabon						
Gambia						
Ghana						
Guinea Bissau						
Guinea						
Liberia						
Mali						
Mauritania						
Niger						
Nigeria						
Sao Tome & Principe						
Senegal						
Sierra Leone						
Togo						

Table DAIM-III-4-2 Provision of Terrain and Obstacle data sets for Area 2, the take-off flight path area (TOFP) and the obstacle limitation surfaces (OLS)

Explanation of the Table

Column number	Description
1	Name of the State or territory for which Terrain and Obstacle data sets for Area 2 are required.
2	Compliance with requirement for the provision of Terrain data sets for Area 2a, shown by:: FC – Fully compliant PC – Partially compliant NC – Not compliant
3	Compliance with requirement for the provision of Terrain data sets for Area 4, shown by: FC – Fully compliant PC – Partially compliant NC – Not compliant
4	Compliance with requirement for the provision of Terrain data sets for Area 2b, shown by: FI – Fully Implemented PI – Partially Implemented NI – Not implemented N/A – Not Applicable
5	Compliance with requirement for the provision of Terrain data sets for Area 2d, shown by: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicabl
6	Compliance with requirement for the provision of Terrain data sets for the takeoff flight path area (TOFP), shown by: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
7	Compliance with requirement for the provision of Terrain data sets for the obstacle limitation surfaces (OLS) shown by: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
8	Compliance with requirement for the provision of Obstacle data sets for Area 2a, shown by: FC – Fully Compliant PC – Partially Compliant NC – Not Compliant
9	Compliance with requirement for the provision of Obstacle data sets for Area 2b, shown by:

	FI – Fully Implemented PI – Partially Implemented NI – Not implemented N/A – Not Applicable
10	Compliance with requirement for the provision of Obstacle data sets for Area 2c, shown by: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
11	Compliance with requirement for the provision of Obstacle data sets for Area 2d, shown by: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
12	Compliance with requirement for the provision of Obstacle data sets for the takeoff flight path area (TOFP), shown by: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
13	Compliance with requirement for the provision of Obstacle data sets for the obstacle limitation surfaces (OLS), shown by: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
14	Action Plan — short description of the State's Action Plan with regard to aeronautical data quality requirements implementation, especially for items with a "PC", "PI", "NC" or "NI" status, including planned date(s) of full compliance, as appropriate..
15	Remarks — additional information, including detail of "PC", "NC", "PI" and "NI", as appropriate

TABLE DAIM-III-4-2a: Provision of Terrain and Obstacle data sets for Area 2, the take-off flight path area (TOFP) and the obstacle limitation surfaces (OLS)4

ESAF States	Terrain data sets		Obstacle data sets										Action Plan	**Remarks**
	Area 2a	Area 2b	Area 2c	Area 2d	TO FP	OLS	Area 2a	2b Area	Area 2c	Area 2d	TO FP	OLS		
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**
Angola														
Botswana														
Burundi														
Comoros														
Djibouti														
Eritrea														
Eswatini														
Ethiopia														
Kenya														
Lesotho														
Madagascar														
Malawi														
Mauritius														
Mozambique														
Namibia														
Rwanda														
Seychelles														
Somalia														
South Africa														
South Sudan														
Uganda														
United Republic of Tanzania														
Zambia														
Zimbabwe														

TABLE DAIM-III-4-2b: Provision of Terrain and Obstacle data sets for Area 2, the take-off flight path area (TOFP) and the obstacle limitation surface (OLS)4

WACAF States	Terrain data sets						Obstacle data sets						Action Plan	**Remarks**
	Area 2a	Area 2b	Area 2c	Area 2d	TO FP	OLS	Area 2a	2b Area	Area 2c	Area 2d	TO FP	OLS		
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**
Benin														
Burkina Faso														
Cameroon														
Cape Verde														
Central African Republic														
Chad														
Congo														
Cote d'Ivoire														
Democratic Republic of Congo														
Equatorial Guinea														
Gabon														
Gambia														
Ghana														
Guinea Bissau														
Guinea														
Liberia														
Mali														
Mauritania														
Niger														
Nigeria														
Sao Tome & Principe														
Senegal														
Sierra Leone														
Togo														

Table DAIM-III-4-3 Provision of Terrain and Obstacle data sets for Area 3 and Airport Mapping Databases (AMDB)

Explanation of the Table

Column number	Description
1	Name of the State or territory for which Terrain and Obstacle data sets for Area 3 and AMDB are required.
2	Compliance with requirement for the provision of Terrain data sets for Area 3, shown by: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
3	Compliance with requirement for the provision of Obstacle data sets for Area 3, shown by: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicabl
4	Implementation of AMDB, shown by: FI – Fully Implemented PI – Partially Implemented NI – Not implemented N/A – Not Applicable
5	Action Plan — short description of the State's Action Plan with regard to aeronautical data quality requirements implementation, especially for items with a "PC", "PI", "NC" or "NI" status, including planned date(s) of full compliance, as appropriate..
6	Remarks — additional information, including detail of "PC", "NC", "PI" and "NI", as appropriate

TABLE DAIM-III-4-3a Provision of Terrain and Obstacle data sets for Area 3 and Airport Mapping Databases (AMDB)

ESAF States	Terrain data sets (Area 3)	Obstacle data sets (Area 3)	AMDB	Action Plan	**Remarks**
1	**2**	**3**	**4**	**5**	**6**
Angola					
Botswana					
Burundi					
Comoros					
Djibouti					
Eritrea					
Eswatini					
Ethiopia					
Kenya					
Lesotho					
Madagascar					
Malawi					
Mauritius					
Mozambique					
Namibia					
Rwanda					
Seychelles					
Somalia					
South Africa					
South Sudan					
Uganda					
United Republic of Tanzania					
Zambia					
Zimbabwe					

TABLE DAIM-III-4-3b Provision of Terrain and Obstacle data sets for Area 3 and Airport Mapping Databases (AMDB)

WACAF States	Terrain data sets (Area 3)	Obstacle data sets (Area 3)	AMDB	Action Plan	**Remarks**
1	**2**	**3**	**4**	**5**	**6**
Benin					
Burkina Faso					
Cameroon					
Cape Verde					
Central African Republic					
Chad					
Congo					
Cote d'Ivoire					
Democratic Republic of Congo					
Equatorial Guinea					
Gabon					
Gambia					
Ghana					
Guinea Bissau					
Guinea					
Liberia					
Mali					
Mauritania					
Niger					
Nigeria					
Sao Tome & Principe					
Senegal					
Sierra Leone					
Togo					

MET Meteorological information

Table AMET III-1 : AMET-B0/1 Meteorological observations products

Explanation of the Table

Column number	Description
1	Name of the State
2	Status of implementation of Automatic Weather Observation System (AWOS) information, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
3	Status of implementation of Local reports (MET REPORT/SPECIAL), where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicabl
4	Status of implementation of Aerodrome reports (METAR/SPECI), where: FI – Fully Implemented PI – Partially Implemented NI – Not implemented N/A – Not Applicable
5	Status of implementation of Lightning Information, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable.
6	Status of implementation of Ground-based weather radar information, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
7	Status of implementation of Meteorological satellite imagery, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
8	Status of implementation of Aircraft meteorological report (ie. ADS-B, AIREP, etc.), where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
9	Status of implementation of Vertical wind and temperature profiles, where:

	FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
10	Status of implementation of Wind shear alerts, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
11	Remarks

Table AMET III-1a : AMET-B0/1 Meteorological observations products

ESAF States	AWOS	MET REPORT /SPECIAL	METAR /SPECI	Lightning Information	Ground-based weather radar information	Meteorological satellite imagery	Aircraft meteorological report	Vertical wind and temperature profiles	Wind shear alerts	Remarks
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
Angola										
Botswana										
Burundi										
Comoros										
Djibouti										
Eritrea										
Eswatini										
Ethiopia										
Kenya										
Lesotho										
Madagascar										
Malawi										
Mauritius										
Mozambique										
Namibia										
Rwanda										
Seychelles										
Somalia										
South Africa										
South Sudan										
Uganda										
United Republic of Tanzania										
Zambia										
Zimbabwe										

Table AMET III-1b : AMET-B0/1 Meteorological observations products

WACAF States	AWOS	MET REPORT /SPECIAL	METAR /SPECI	Lightning Information	Ground-based weather radar information	Meteorological satellite imagery	Aircraft meteorological report	Vertical wind and temperature profiles	Wind shear alerts	Remarks
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
Benin										
Burkina Faso										
Cameroon										
Cape Verde										
Central African Republic										
Chad										
Congo										
Cote d'Ivoire										
Democratic Republic of Congo										
Equatorial Guinea										
Gabon										
Gambia										
Ghana										
Guinea Bissau										
Guinea										
Liberia										
Mali										
Mauritania										
Niger										
Nigeria										
Sao Tome & Principe										
Senegal										
Sierra Leone										
Togo										

Table AMET III-2 : AMET B0/2 Meteorological forecast and warning products

Explanation of the Table

Column number	Description
1	Name of the State
2	Status of implementation of World Area Forecast System (WAFS) gridded products, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
3	Status of implementation of Significant Weather (SIGWX), where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicabl
4	Status of implementation of Aerodrome Forecast (TAF), where: FI – Fully Implemented PI – Partially Implemented NI – Not implemented N/A – Not Applicable
5	Status of implementation of Trend Forecast (TREND), where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable.
6	Status of implementation of Take-off Forecast, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
7	Status of implementation of SIGMET, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
8	Status of implementation of Aerodrome Warning, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
9	Status of implementation of Wind Shear Warning, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented

	N/A – Not Applicable
10	Remarks

Table AMET III-2a : AMET-B0/2 Meteorological forecast and warning products

ESAF States	WAFS	SIGWX	TAF	TREND	Take-off Forecast	SGMET	Aerodrome Warning	Wind Shear Warning	Remarks
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**
Angola									
Botswana									
Burundi									
Comoros									
Djibouti									
Eritrea									
Eswatini									
Ethiopia									
Kenya									
Lesotho									
Madagascar									
Malawi									
Mauritius									
Mozambique									
Namibia									
Rwanda									
Seychelles									
Somalia									
South Africa									
South Sudan									
Uganda									
United Republic of Tanzania									
Zambia									
Zimbabwe									

Table AMET III-2b : AMET-B0/2 Meteorological forecast and warning products

WACAF States	WAFS	SIGWX	TAF	TREND	Take-off Forecast	SGMET	Aerodrome Warning	Wind Shear Warning	Remarks
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**
Benin									
Burkina Faso									
Cameroon									
Cape Verde									
Central African Republic									
Chad									
Congo									
Cote d'Ivoire									
Democratic Republic of Congo									
Equatorial Guinea									
Gabon									
Gambia									
Ghana									
Guinea Bissau									
Guinea									
Liberia									
Mali									
Mauritania									
Niger									
Nigeria									
Sao Tome & Principe									
Senegal									
Sierra Leone									
Togo									

Table AMET III-3 : AMET B0/3 Climatological and historical meteorological Products

Explanation of the Table

Column number	Description
1	Name of the State
2	Status of availability of Aerodrome climatological tables, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented
3	Status of availability of Aerodrome climatological summaries, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented
4	Remarks

Table AMET III-3a : AMET B0/3 Climatological and historical meteorological Products

ESAF States	Aerodrome climatological tables	Aerodrome climatological summaries	Remarks
1	**2**	**3**	**4**
Angola			
Botswana			
Burundi			
Comoros			
Djibouti			
Eritrea			
Eswatini			
Ethiopia			
Kenya			
Lesotho			
Madagascar			
Malawi			
Mauritius			
Mozambique			
Namibia			
Rwanda			
Seychelles			
Somalia			
South Africa			
South Sudan			
Uganda			
United Republic of Tanzania			
Zambia			
Zimbabwe			

Table AMET III-3b : AMET B0/3 Climatological and historical meteorological Products

WACAF States	Aerodrome climatological tables	Aerodrome climatological summaries	Remarks
1	**2**	**3**	**4**
Benin			
Burkina Faso			
Cameroon			
Cape Verde			
Central African Republic			
Chad			
Congo			
Cote d'Ivoire			
Democratic Republic of Congo			
Equatorial Guinea			
Gabon			
Gambia			
Ghana			
Guinea Bissau			
Guinea			
Liberia			
Mali			
Mauritania			
Niger			
Nigeria			
Sao Tome & Principe			
Senegal			
Sierra Leone			
Togo			

Table AMET III-4 : AMET B0/4 Dissemination of meteorological products

Explanation of the Table

Column number	Description
1	Name of the State
2	Dissemination of meteorological products using TAC, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented
3	Dissemination of meteorological products using Gridded, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented
4	Dissemination of meteorological products using Graphical, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented
5	Dissemination of meteorological products using BUFR code, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented.
6	Dissemination of meteorological products using IWXXM (in XML/GML), where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented
7	Dissemination means includes AFTN, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented
8	Dissemination means includes AMHS, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented
9	Dissemination means includes ssecure internet services (WIFS/SADIS), where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented
10	Remarks

Table AMET III-4a: AMET B0/4 Dissemination of meteorological products

ESAF States	TAC	Gridded data	Graphical	BUFR	IWXXM	AFTN	AMHS	WIFS/SADIS	Remarks
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**
Angola									
Botswana									
Burundi									
Comoros									
Djibouti									
Eritrea									
Eswatini									
Ethiopia									
Kenya									
Lesotho									
Madagascar									
Malawi									
Mauritius									
Mozambique									
Namibia									
Rwanda									
Seychelles									
Somalia									
South Africa									
South Sudan									
Uganda									
United Republic of Tanzania									
Zambia									
Zimbabwe									

Table AMET III-4b: AMET B0/4 Dissemination of meteorological products

WACAF States	TAC	Gridded data	Graphical	BUFR	IWXXM	AFTN	AMHS	WIFS/SADIS	Remarks
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**
Benin									
Burkina Faso									
Cameroon									
Cape Verde									
Central African Republic									
Chad									
Congo									
Cote d'Ivoire									
Democratic Republic of Congo									
Equatorial Guinea									
Gabon									
Gambia									
Ghana									
Guinea Bissau									
Guinea									
Liberia									
Mali									
Mauritania									
Niger									
Nigeria									
Sao Tome & Principe									
Senegal									
Sierra Leone									
Togo									

Table AMET III-5 : AMET B1/1 Meteorological observations information

Explanation of the Table

Column number	Description
1	Name of the State
2	Status of implementation Wind speed and direction (Aerodrome) including gusts, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
3	Status of implementation Wind speed and direction from Departure to Top of Climb & Top of Descent (TOD) to landing, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicabl
4	Status of implementation Wind speed and direction en-route, where: FI – Fully Implemented PI – Partially Implemented NI – Not implemented N/A – Not Applicable
5	Status of implementation of Air temperature and dew point temperature (aerodrome), where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable.
6	Status of implementation of Air temperature and dew point temperature from departure to TOC and then TOD to landing, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
7	Status of implementation of ir temperature and dew point temperature en-route, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
8	Status of implementation of Pressure (aerodrome) (i.e. QNH/QFE), where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
9	Status of implementation of Visibility (aerodrome) (horizontal, slant, vertical), RVR, where: FI – Fully Implemented

	PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
10	Status of implementation of cloud type (of operational significance), where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
11	Status of implementation of Cloud coverage, bases, tops and layers, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
12	Status of implementation of Thunderstorms, Lightning, TCU & CB, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
13	Status of implementation of DZ, RA, FZ, SN, GR, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
14	Status of implementation of DS, SS, FC,SQL, FU, HZ, BR, FG), where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
15	Status of implementation of Icing, including airframe and engine, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
16	Status of implementation of Liquid Water Content, Iced Water Content, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
17	Status of implementation of TURB, MTW, WS, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable

18	Status of implementation of Fronts, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
19	Status of implementation of Radioactive clouds, Toxic chemicals, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
20	Status of implementation of Tropical cyclones, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
21	Status of implementation of Volcanic ash, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
22	Status of implementation of Sulphur dioxide (SO2) and other hazardous gases, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
23	Status of implementation of Aerodrome surface (runway) temperature, state, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
24	Status of implementation of Sea temperature, state and wave height (seaports), where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
25	Status of implementation of Space weather events, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
26	Status of implementation of Tsunami, Flood, where: FI – Fully Implemented PI – Partially Implemented

	NI – Not Implemented N/A – Not Applicable
27	Remarks

Table AMET III-5a : AMET B1/1 Meteorological observations information

ESAF States	Wind speed and direction (Aerodrome) including gusts	Wind speed and direction from Departure to Top of Climb & Top of Descent (TOD) to landing	Wind speed and	Air temperature and dew point temperature	Air temperature and dew point temperature from departure to TOC and then TOD to landing	Air temperature and dew point temperature en-	Pressure (aerodrome) (i.e. QNH/QFE)	Visibility (aerodrome) (horizontal, slant,	Cloud type (of operational significance)	Cloud coverage, bases, tops and layers	Thunderstorms, Lightning, TCU & CB	DZ, RA, FZ, SN, GR	DS, SS, FC, SQ, FU, HZ, BR, FG)	Icing, including airframe and engine	Liquid Water Content,	TURB, MTW, WS	Fronts	Radioactive clouds, Toxic	Tropical cyclones	Volcanic ash	Sulphur dioxide (SO_2) and other hazardous	Aerodrome surface (runway) temperature,	Sea temperature, state and wave height	Space weather events	Tsunami, Flood	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	19	20	21	22	23	24	25	26	27
Angola																										
Botswana																										
Burundi																										
Comoros																										
Djibouti																										
Eritrea																										
Eswatini																										
Ethiopia																										
Kenya																										
Lesotho																										
Madagascar																										
Malawi																										
Mauritius																										
Mozambique																										
Namibia																										
Rwanda																										
Seychelles																										
Somalia																										

South Africa																									
South Sudan																									
Uganda																									
United Republic of Tanzania																									
Zambia																									
Zimbabwe																									

Table AMET III-5b : AMET B1/1 Meteorological observations information

States	Wind speed and direction (Aerodrome) including gusts	Wind speed and direction from Departure to Top of Climb & Top of Descent (TOD) to landing	Wind speed and	Air temperature and dew point temperature	Air temperature and dew point temperature from departure to TOC and then TOD to landing	Air temperature and dew point temperature en-	Pressure (aerodrome) (i.e. QNH/QFE)	Visibility (aerodrome) (horizontal, slant,	Cloud type (of operational significance)	Cloud coverage, bases, tops and layers	Thunderstorms, Lightning, TCU & CB	DZ, RA, FZ, SN, GR	DS, SS, FC, SQ, FU, HZ, BR, FG)	Icing, including airframe and engine	Liquid Water Content,	TURB, MTW, WS	Fronts	Radioactive clouds, Toxic	Tropical cyclones	Volcanic ash	Sulphur dioxide (SO2) and other hazardous	Aerodrome surface (runway) temperature,	Sea temperature, state and wave height	Space weather events	Tsunami, Flood	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	19	20	21	22	23	24	25	26	27
Benin																									
Burkina Faso																									
Cameroon																									
Cape Verde																									
Central African Republic																									
Chad																									
Congo																									

Cote d'Ivoire																										
Democratic Republic of Congo																										
Equatorial Guinea																										
Gabon																										
Gambia																										
Ghana																										
Guinea Bissau																										
Guinea																										
Liberia																										
Mali																										
Mauritania																										
Niger																										
Nigeria																										
Sao Tome & Principe																										
Senegal																										
Sierra Leone																										
Togo																										

Table AMET III-6: AMET B1/2 Meteorological forecast and warning information

Explanation of the Table

Column number	Description
1	Name of the State
2	Status of implementation of Wind speed and direction (aerodrome) including gusts and operationally significant wind shifts, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
3	Status of implementation of Air temperature and dew point temperature (aerodrome), where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicabl
4	Status of implementation of Upper level Wind (speed and direction), including departure to Top of Climb (TOC) and then Top of Descent (TOD) to landing :, where: FI – Fully Implemented PI – Partially Implemented NI – Not implemented N/A – Not Applicable
5	Status of implementation of Upper level Air temperature and dew point temperature, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable.
6	Status of implementation of Air temperature and dew point temperature from departure to TOC and then TOD to landing, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
7	Status of implementation of Flight level and temperature of tropopause, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
8	Status of implementation of Geopotential altitude for flight levels, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
9	Status of implementation of Pressure (aerodrome) (i.e. QNH, QFE), where:

	FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
10	Status of implementation of Visibility (aerodrome), Runway visual range (RVR), where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
	Status of implementation of Cloud type (of operational significance), where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
	Status of implementation of Cloud coverage, bases, tops and layers FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
11	
12	Status of implementation of Thunderstorms, Lightning, TCU & CB, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
13	Status of implementation of DZ, RA, FZ, SN, GR, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
14	Status of implementation of Weather (DS, SS, FC,SQL, FU, HZ, BR, FG), where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
15	Status of implementation of Icing (airframe and engine), where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
16	Status of implementation of Liquid Water Content, Iced Water Content, where: FI – Fully Implemented PI – Partially Implemented

	NI – Not Implemented N/A – Not Applicable
17	Status of implementation of TURB, MTW, WS, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
18	Status of implementation of Fronts, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
19	Status of implementation of Radioactive clouds, Toxic chemicals, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
20	Status of implementation of Tropical cyclones, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
21	Status of implementation of Volcanic ash, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
22	Status of implementation of Sulphur dioxide (SO2) and other hazardous gases, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
23	Status of implementation of Aerodrome surface (runway) temperature, state, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
24	Status of implementation of Sea temperature, state and wave height (seaports), where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
25	Status of implementation of Space weather events, where:

	FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
26	Status of implementation of Tsunami, Flood, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented N/A – Not Applicable
27	Remarks

Table AMET III-6a : AMET B1/2 Meteorological Forecast and Warning information

ESAF States	Wind ff and dd (aerodrome) including gusts and	Air T and Dp	Upper-level Wind (ff and dd), including Departure to Top of	Upper level Air T and Dp , including height of freezing	Flight level and temperature of	Geopotential	Pressure (aerodrome) (QNH	Visibility (aerodrome),	Cloud type (of operational	Cloud coverage, bases, tops and	TS, Lightning, Convection (TCU & CB)	DZ, RA, FZ , SN, GR	DS, SS, FC, SQ,	Icing (airframe and	Liquid Water	TURB, MTW, Wind	Fronts	Radioactive	Tropical cyclones	Volcanic ash	Sulphur dioxide	Aerodrome surface (runway)	Sea temperature,	Space weather
Angola																								
Botswana																								
Burundi																								
Comoros																								
Djibouti																								
Eritrea																								
Eswatini																								
Ethiopia																								
Kenya																								
Lesotho																								
Madagascar																								
Malawi																								
Mauritius																								
Mozambique																								
Namibia																								
Rwanda																								

Seychelles																								
Somalia																								
South Africa																								
South Sudan																								
Uganda																								
United Republic of Tanzania																								
Zambia																								
Zimbabwe																								

Table AMET 3-6b : AMET B1/2 Meteorological Forecast and Warning information

States	Wind ff and dd (aerodrome) including gusts and	Air T and Dp	Upper level Wind (ff and dd), including Departure to Top of	Upper level Air T and Dp , including height of freezing	Flight level and temperature of	Geopotential	Pressure (aerodrome) (QNH	Visibility (aerodrome),	Cloud type (of operational	Cloud coverage, bases, tops and	TS, Lightning, Convection (TCU & CB)	DZ, RA, FZ , SN, GR	DS, SS, FC, SQ,	Icing (airframe and	Liquid Water	TURB, MTW, Wind	Fronts	Radioactive	Tropical cyclones	Volcanic ash	Sulphur dioxide	Aerodrome surface (runway)	Sea temperature,	Space weather
Benin																								
Burkina Faso																								
Cameroon																								
Cape Verde																								
Central African Republic																								
Chad																								

Congo																								
Cote d'Ivoire																								
Democratic Republic of Congo																								
Equatorial Guinea																								
Gabon																								
Gambia																								
Ghana																								
Guinea Bissau																								
Guinea																								
Liberia																								
Mali																								
Mauritania																								
Niger																								
Nigeria																								
Sao Tome & Principe																								
Senegal																								
Sierra Leone																								
Togo																								

Table AMET III-7 : AMET B0/3 Climatological and historical meteorological information

Explanation of the Table

Column number	Description
1	Name of the State
2	Status of availability of En-route winds, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented
	Status of availability of Airport parameters (i.e., air and surface temperature, wind, precipitation, etc.), where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented
3	Status of availability of Metadata, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented
4	Remarks

Table AMET III-7a : AMET B1/3 Climatological and historical meteorological information

ESAF States	En-route winds	Airport parameters (i.e., air and surface temperature, wind, precipitation, etc.)	Metadata	Remarks
1	**2**	**3**	**4**	**5**
Angola				
Botswana				
Burundi				
Comoros				
Djibouti				
Eritrea				
Eswatini				
Ethiopia				
Kenya				
Lesotho				
Madagascar				
Malawi				
Mauritius				
Mozambique				
Namibia				
Rwanda				
Seychelles				
Somalia				
South Africa				
South Sudan				
Uganda				
United Republic of Tanzania				
Zambia				
Zimbabwe				

Table AMET III-7b : AMET B1/3 Climatological and historical meteorological information

WACAF States	En-route winds	Airport parameters (i.e. air and surface temperature, wind, precipitation, etc.)	Metadata	Remarks
1	**2**	**3**	**4**	**5**
Benin				
Burkina Faso				
Cameroon				
Cape Verde				
Central African Republic				
Chad				
Congo				
Cote d'Ivoire				
Democratic Republic of Congo				
Equatorial Guinea				
Gabon				
Gambia				
Ghana				
Guinea Bissau				
Guinea				
Liberia				
Mali				
Mauritania				
Niger				
Nigeria				
Sao Tome & Principe				
Senegal				
Sierra Leone				
Togo				

Table AMET III-8: AMET B1/4 Dissemination of meteorological Information

Explanation of the Table

Column number	Description
1	Name of the State
2	Dissemination of Tailored products (human-readable), where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented
3	Dissemination of Impact-translated products, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented
4	Dissemination of meteorological information using Gridded, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented
5	Dissemination of meteorological information using Graphical, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented.
6	Dissemination of meteorological information using IWXXM , where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented
7	Dissemination means includes AMHS, where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented
8	Dissemination means includes ssecure internet services (WIFS/SADIS), where: FI – Fully Implemented PI – Partially Implemented NI – Not Implemented
9	Remarks

Table AMET III-8: AMET B1/4 Dissemination of meteorological information

ESAF States	Tailored products (human-readable)	Impact-translated products	Gridded	Graphical	IWXXM	AMHS	WIFS/SADIS	Remarks
1	2	3	4	5	6	7	8	9
Angola								
Botswana								
Burundi								
Comoros								
Djibouti								
Eritrea								
Eswatini								
Ethiopia								
Kenya								
Lesotho								
Madagascar								
Malawi								
Mauritius								
Mozambique								
Namibia								
Rwanda								
Seychelles								
Somalia								
South Africa								
South Sudan								
Uganda								
United Republic of Tanzania								
Zambia								
Zimbabwe								

Table AMET III-8b: AMET B0/4 Dissemination of meteorological information

WACAF States	Tailored products (human-readable)	Impact-translated products	Gridded	Graphical	IWXXM	AMHS	WIFS/SADIS	Remarks
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Benin								
Burkina Faso								
Cameroon								
Cape Verde								
Central African Republic								
Chad								
Congo								
Cote d'Ivoire								
Democratic Republic of Congo								
Equatorial Guinea								
Gabon								
Gambia								
Ghana								
Guinea Bissau								
Guinea								
Liberia								
Mali								
Mauritania								
Niger								
Nigeria								
Sao Tome & Principe								
Senegal								
Sierra Leone								
Togo								

APTA : Improve arrival and departure operations

Table APTA III-1

Explanation of the Table

Column number	Description
1	Name of the State / International Aerodromes' Location Indicato
2	Runway Designator
3, 4, 5,	**Conventional Approaches (ILS / VOR or NDB)**
6, 7, 8, 9	Elements of APTA B0/1 PBN Approaches with basic capabilities (Status of PBN Plan and implementation of LNAV, LNAV/VNAV), where: Y – Yes, implemented N – No, not implemented
10	PBN Runway: where any type of PBN approach is implemented
12, 15	Elements of APTA B0/2 PBN SID and STAR procedures (with basic capabilities) Y – Yes, implemented N – No, not implemented
11, 13	Elements of APTA B0/5 CCO basic (Status of implementation of CCO) per runway end and per aerodrome, where: Y – Yes, implemented N – No, not implemented
14, 16	Elements of APTA B0/4 CDO basic (Status of implementation of CDO) per runway end and per aerodrome, where: Y – Yes, implemented N – No, not implemented
17	Elements of APTA B0/7 Performance based aerodrome operating minima – Advanced aircraft (Compliance with the requirements for PB AOM) per State, where: FC – Fully compliant NC – Not compliant
18	Remarks

Table APTA III-1a

Int'l AD (Ref. MID ANP) (1) ESAF	RWY ((2)	Conventional Approaches (3)			APTA (6)				CCO (11)				CDO (14)				PB AOM (17)	Remarks (18)
		Precision (4)		VOR or NDB (5)	PBN PLAN (7)	LNAV (8)	LNAV / VNAV (9)	PBN RWY (10)	RNAV SID (12)		CCO (13)		RNAV STAR (15)		CDO (16)		AOP (17)	
		XLS	CAT		Update date				RWY	AD	RWY	AD	RWY	AD	RWY	AD	RWY	

Table APTA III-1b

Int'l AD (Ref. MID ANP) (1) WACAF	RWY ((2)	Conventional Approaches (3)			APTA (6)				CCO (11)				CDO (14)				PB AOM (17)	Remarks (18)
		Precision (4)		VOR or NDB (5)	PBN PLAN (7)	LNAV (8)	LNAV / VNAV (9)	PBN RWY (10)	RNAV SID (12)		CCO (13)		RNAV STAR (15)		CDO (16)		AOP (17)	
		XLS	CAT		Update date				RWY	AD	RWY	AD	RWY	AD	RWY	AD	RWY	

Table ACAS III-1

Explanation of the Table

Column number	Description
1	Name of the State
2	Status of implementation Y – Fully Implemented N – Not Implemented
3,	National Regulation(s) Reference(s)
4	Effective Date
5	Remarks

Table ACAS III-1a

ESAF States	Status	Regulation Reference	Effective date	Remarks
1	2	3	4	5
Angola				
Botswana				
Burundi				
Comoros				
Djibouti				
Eritrea				
Eswatini				
Ethiopia				
Kenya				
Lesotho				
Madagascar				
Malawi				
Mauritius				
Mozambique				
Namibia				
Rwanda				
Seychelles				
Somalia				
South Africa				
South Sudan				
Uganda				
United Republic of Tanzania				
Zambia				
Zimbabwe				

Table ACAS III-1b

WACAF States	Status	Regulation Reference	Effective date	Remarks
1	2	3	4	5
Benin				
Burkina Faso				
Cameroon				
Cape Verde				
Central African Republic				
Chad				
Congo				
Cote d'Ivoire				
Democratic Republic of Congo				
Equatorial Guinea				
Gabon				
Gambia				
Ghana				
Guinea Bissau				
Guinea				
Liberia				
Mali				
Mauritania				
Niger				
Nigeria				
Sao Tome & Principe				
Senegal				
Sierra Leone				
Togo				

Table ASUR III-1 Surveillance Implementation Monitoring Table

Table ASUR III-1

Explanation of the Table

Column number	Description
1	Name of the State / ATS Units where Radar service provided
2	Surveillance Gap Y – Yes, non-radar covered area (GAP) exist N – No, GAP areas not existed
3,	Multi- Surveillance Data processing capability Y – Yes, implemented N – No, not implemented
4	Surveillance Sensor used Y – Yes, implemented N – No, not implemented
5	Dual Surveillance sources Y – Yes, available N – No, not available
6	Issuance of ADS-B Carriage Mandate N – No, not issued Date – effective date of ADS-B carriage mandate Reference - link to mandate regulation

Table ASUR III-1a

ATS Units Served (ESAF)	Surveillance gaps	Multi-Surveillance Data Processing Capability	Surveillance Senior Used						Dual Surveillance Sources	ADS-B carriage mandate	
			PSR	SSR Mode A/C	SSR Mode C	MLAT	ADS-B	Data Sharing		Date	Reference
1	2	3	4						5	6	

Table ASUR III-1b

ATS Units Served (WACAF)	Surveillance gaps	Multi-Surveillance Data Processing Capability	Surveillance Senior Used						Dual Surveillance Sources	ADS-B carriage mandate	
			PSR	SSR Mode A/C	SSR Mode C	MLAT	ADS-B	Data Sharing		Date	Reference
1	2	3	4						5	6	

Table III-X : Form for reporting on the implementation of applicable ASBU elements

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