

Table AIM-1**Responsibility for the provision of AIM Services**

EXPLANATION OF THE TABLE

Column:

- 1 Name of the State or territory
- 2 Designated international NOTAM Office (NOF)
- 3 Designated State for AIP production
- 4 Designated State for aeronautical charts (MAP) production
- 5 Designated State for the provision of the authoritative Integrated Aeronautical Information Database (IAID)
- 6 Designated State for the provision of the Pre-flight information services
- 7 Remarks — additional information, as appropriate.

FASID TABLE AIM-1

Responsibility for the provision of AIM Services

State	NOF	AIP	MAP	IAID	Pre-flight briefing	Remarks
1	2	3	4	5	6	7
Algeria	Alger	Algeria	Algeria	Algeria	Aerodrome AIS Unit	
Angola	Luanda	Angola	Angola	Angola	Aerodrome AIS Unit	
Benin	Accra/Dakar	ASECNA	ASECNA	ASECNA	Aerodrome AIM Unit	
Burkina Faso	Dakar	ASECNA	ASECNA	ASECNA	Aerodrome AIM Unit	
Botswana	Gaborone	Botswana	Botswana	Botswana	Aerodrome AIS Unit	
Burundi	Bujumbura	Burundi	Burundi	Burundi	Aerodrome AIS Unit	
Cameroon	Brazzaville	ASECNA	ASECNA	ASECNA	Aerodrome AIM Unit	
Cape Verde	Sal	Cape Verde	Cape Verde	Cape Verde	Aerodrome AIS Unit	
Central African Republic	Brazzaville	ASECNA	ASECNA	ASECNA	Aerodrome AIM Unit	
Chad	Brazzaville	ASECNA	ASECNA	ASECNA	Aerodrome AIM Unit	
Comoros	Antananarivo	ASECNA	ASECNA	ASECNA	Aerodrome AIM Unit	
Congo	Brazzaville	ASECNA	ASECNA	ASECNA	Aerodrome AIM Unit	
Cote d'Ivoire	Dakar	ASECNA	ASECNA	ASECNA	Aerodrome AIM Unit	
Democratic Republic of Congo (RDC)	Kinshasa (BNI)	AIP-RDC	MAP-RDC	RVA-RDC	RVA-RDC	RVA is the AIM Provider
Djibouti	Addis Ababa	Djibouti	Djibouti	Djibouti	Aerodrome AIS Unit	
Egypt	Cairo	Egypt	Egypt	Egypt	Aerodrome AIM Unit	
Equatorial Guinea	Brazzaville	ASECNA	ASECNA	ASECNA	Aerodrome AIM Unit	
Eritrea	Asmara	Eritrea	Eritrea	Eritrea	Aerodrome AIS Unit	
Ethiopia	Addis Ababa	Ethiopia	Ethiopia	Ethiopia	Aerodrome AIS Unit	
Gabon	Brazzaville	ASECNA	ASECNA	ASECNA	Aerodrome AIM Unit	
Gambia	DAKAR	GAMBIA	GAMBIA	GAMBIA	GAMBIA. Aerodrome AIS/M Unit	Outsourced To Jeppesen Map Production Company.
Ghana	ACCRA	GHANA	Outsource to map production company	GHANA	Aerodrome AIS Unit	Ghana in the process of installing software for the provision of PIB. common point of access to integrated aeronautical information not implemented.
Guinea	Robertsfield /Monrovia	Roberts FIR Secretariat	State Level	Roberts FIR Secretariat	Aerodrome AIS Unit	
Guinea Bissau	Dakar	ASECNA	ASECNA	ASECNA	Aerodrome AIM Unit	
Kenya	Nairobi	Kenya	Kenya	Kenya	Aerodrome	

State	NOF	AIP	MAP	IAID	Pre-flight briefing	Remarks
1	2	3	4	5	6	7
					AIM Unit	
Lesotho	Maseru	Lesotho	Lesotho	Lesotho	Lesotho	Aerodrome AIS Unit
Liberia	Robertsfield /Monrovia	Roberts FIR Secretariat	Aerodrome AIM unit outsource to MAP production Company	Roberts FIR Secretariat	Aerodrome AIS Unit	Upgrade of the PIB and post flight information bulletin is ongoing in accordance with DOC 8126 specification.
Libya	Tripoli	Libya	Libya	Libya	Aerodrome AIS Unit	
Madagascar	Antananarivo	ASECNA	ASECNA	ASECNA	Aerodrome AIM Unit	
Malawi						
Mali	Dakar	ASECNA	ASECNA	ASECNA	Aerodrome AIM Unit	
Morocco						
Mauritania	Dakar	ASECNA	ASECNA	ASECNA	Aerodrome AIM Unit	
Mauritius	Plaisance	Mauritius	Mauritius	Mauritius	Aerodrome AIM Unit	
Mozambique	Maputo	Mozambique	Mozambique	Mozambique	Aerodrome AIS Unit	
Namibia	<u>Windhoek</u>	Namibia	Namibia	Namibia	Aerodrome AIS Unit	
Niger	Dakar	ASECNA	ASECNA	ASECNA	Aerodrome AIM Unit	
Nigeria	Lagos	Nigeria	Nigeria	Nigeria	Nigeria (Aerodrome Units)	
Rwanda	Kigali	Rwanda	Rwanda	Rwanda	Aerodrome AIS Unit	
Sao Tome and Principe	Brazzaville	Sao Tome and Principe	Sao Tome and Principe	Sao Tome and Principe	Aerodrome AIS Unit	
Senegal	Dakar	ASECNA	ASECNA	ASECNA	Aerodrome AIM Unit	
Seychelles	Mahe	Seychelles	Seychelles	Seychelles	Aerodrome AIS Unit	
Sierra Leone	Roberts FIR/Monrovia	Roberts FIR Secretariat	Outsourced at State Level	Roberts FIR Secretariat	State Level	
Somalia	Mogadishu	Somalia	Somalia	Somalia	Aerodrome AIS Unit	
South Africa	Johannesburg	South Africa	South Africa	South Africa	ATNS	
South Sudan	Juba	South Sudan	South Sudan	South Sudan	Aerodrome AIS Unit	
Sudan	Khartoum	Sudan	Sudan	Sudan	Aerodrome AIS Unit	-
Swaziland	Manzini	Swaziland	Swaziland	Swaziland	Aerodrome AIS Unit	
Tunisia	Tunis	Tunisia	Tunisia	Tunisia	Aerodrome AIS Unit	
Togo	Accra-Dakar	ASECNA	ASECNA	ASECNA	Aerodrome AIM Unit	
Uganda	Kampala	Uganda	Uganda	Uganda	Aerodrome AIS Unit	
United Republic of Tanzania	Dar-es-salaam	Tanzania	Tanzania	Tanzania	Aerodrome AIS Unit	
Zambia	Lusaka	Zambia	Zambia	Zambia	Aerodrome AIS Unit	

State	NOF	AIP	MAP	IAID	Pre-flight briefing	Remarks
1	2	3	4	5	6	7
Zimbabwe	Harare	ZIMBABWE	ZIMBABWE	N/A	ZIMBABWE	IAID NOT YET IMPLEMENTED

Provision of AIM products and services based on the Integrated Aeronautical Information Database (IAID)

EXPLANATION OF THE TABLE

Column:

1. Name of the State or territory for which the provision of 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 (AIS, Terrain, Obstacles, AMDB, etc). The minimum set of databases which should be integrated is defined in Annex 15.

Note 2 — Information providing detail of “PI” should be given in the Remarks column (the implemented components of the IAID).

Note 3 — 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:
 - FC – Fully compliant (eAIP: Text, Tables and Charts)
 - PC – Partially compliant
 - NC – Not compliant

Note 4 — AIP production includes, production of AIP, AIP Amendments and AIP Supplements
4. Requirement for an IAID driven NOTAM production, shown by:
 - FC – Fully Compliant
 - NC – Not compliant
5. Requirement for an IAID driven SNOWTAM production, shown by:
 - FC – Fully Compliant
 - NC – Not compliant
6. Requirement for an IAID driven PIB production, shown by:
 - FC – Fully compliant
 - NC – Not compliant
7. Requirement for Charting systems to be interoperable with the IAID, shown by:
 - FC – Fully compliant
 - PC – Partially compliant
 - NC – Not compliant

8. 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

9. Requirement for ATS systems to be interoperable with the IAID, shown by:

- FI – Fully Implemented
- PI – Partially Implemented
- NI – Not Implemented

10. Action Plan — short description of the State’s Action Plan with regard to the provision of AIM products and services based on the IAID, including planned date(s) of full compliance, as appropriate.

11. Remarks — additional information, including detail of “PC”, “NC”, “PI” and “NI”, as appropriate.

FASID TABLE AIM-2
Integrated Aeronautical Information Database (IAID)

State	IAID	AIP	NOTAM	SNOWTAM	PIB	Charting	Procedure design	ATS	Action Plan	Remarks
1	2	3	4	5	6	7	8	9	10	11
Algeria										
Angola	FI	PC	FC	NC	FC	PC	FI	PI		
Benin	FI	FC	FC	-	FC	FC	FC	PI	PIB automation in 2013	
Burkina Faso	FI	FC	FC	-	FC	FC	FC	PI	PIB automation in 2013	
Botswana	PI	PC	FC	NC	FC	PC	PC	FI	The following AIS Systems will be installed and Integrated in 2013. <ul style="list-style-type: none"> • NOTAM Data base • Charting system • AIP System • Procedure Design • eTOD • eAIP 	<ul style="list-style-type: none"> • Procedure Design out-sourced
Burundi										
Cameroon	FI	FC	FC	-	FC	FC	FC	PI	PIB automation in 2013	
Cape Verde	FI	FC	FC							
Central African Republic	FI	FC	FC	-	FC	FC	FC	PI	PIB automation in 2013	
Chad	FI	FC	FC	-	FC	FC	FC	PI	PIB automation in 2013	
Comoros	FI	FC	FC	-	FC	FC	FC	PI	PIB automation in 2013	
Congo	FI	FC	FC	-	FC	FC	FC	PI	PIB automation in	

State	IAID	AIP	NOTAM	SNOWTAM	PIB	Charting	Procedure design	ATS	Action Plan	Remarks
									2013	
Cote d'Ivoire	FI	FC	FC	-	FC	FC	FC	PI	PIB automation in 2013	
Democratic Republic of Congo	NI	RC	NC	NC	NC	NC	NI	NI	Need of ICAO assistance	Need of ICAO assistance
Djibouti	FI	FC								
Egypt	FI	FC	FC							
Equatorial Guinea	FI	FC	FC	-	FC	FC	FC	PI	PIB automation in 2013	
Eritrea										
Ethiopia	FI	FC	FC							
Gabon	FI	FC	FC	-	FC	FC	FC	PI	PIB automation in 2013	
Gambia	FI	FC	FC	-	FC	NI	NI	NI	PIB automation in 2013	WGS-84 fully Implemented
Ghana	NI	NC	NC	NC	NC	NC	NI	NI	THE ELECTRONIC VERSION OF AIP PARTIALLY MIGRATED WGS-84 MAINTENANCE SURVEY : OCTOBER2012 PBN AND PROCEDURE DESIGN :DECEMBER 2012	On going WGS-84 fully Implemented On-going
Guinea		FC	NC	NC	NC	NC	NC	NC	Awaiting Autonomous administration for implementation	
Guinea Bissau	FI	FC	FC	-	FC	FC	FC	PI	PIB automation in 2013	
Kenya	FI	FC	FC	FC	FC	FC	FI	FI		

State	IAID	AIP	NOTAM	SNOWTAM	PIB	Charting	Procedure design	ATS	Action Plan	Remarks
Lesotho	NI	NC	NC	NC	NC	NC	NC	NC		
Liberia		FC	Information/Data Provider on State level for the Promulgation of the integrated aeronautical information package (IAIP) to end users	NC	NC	NC	NC	NC		
Libya	FI	FC								
Madagascar	FI	FC	FC	-	FC	FC	FC	PI	PIB automation in 2013	
Malawi										
Mali	FI	FC	FC	-	FC	FC	FC	PI	PIB automation in 2013	
Morocco										
Mauritania	FI	FC	FC	-	FC	FC	FC	PI	PIB automation in 2013	
Mauritius										
Mozambique										
Namibia										
Niger	FI	FC	FC	-	FC	FC	FC	PI	PIB automation in 2013	
Nigeria	NI	NC	NC	-	NC	NC	NI	NI		AIP, NOTAM, PIB, CHARTs & Procedure design still done manually. AIP and Charting are available as standalone systems.

State	IAID	AIP	NOTAM	SNOWTAM	PIB	Charting	Procedure design	ATS	Action Plan	Remarks
										Ongoing project by COMSOFT Germany
Rwanda	FI									
Sao Tome and Principe										
Senegal	FI	FC	FC	-	FC	FC	FC	PI	PIB automation in 2013	
Seychelles	NI	PC	NC	-	-	NC	NI	-	FC by end 2013	
Sierra Leone	FC	FC	NC	-	NC	NC	NC	PC		
Somalia										
South Africa	PI	PC	FC	-	FC	PC	PC	NI	FC of AIP & Charting by IAID by end 2013.	
South Sudan										
Sudan	PI	PI	FI	FI	FI	PI	PI	PI	NC	Will sign contract with consultant 2013.
Swaziland										
Tunisia										
Togo	FI	FC	FC	-	FC	FC	FC	PI	PIB automation in 2013	
Uganda	FI									
United Republic of Tanzania	PI	PC	FC	NC	FC	PC	PI	PI		
Zambia	FI									
Zimbabwe	PC	PC	PC	NA	FC	NC	NI	PI	TBA	NOTAM & BFO

Table AIM-3

APPENDIX 3.5B-3

Terrain and Obstacles datasets and Airport Mapping Databases (AMDB)

EXPLANATION OF THE TABLE

Column

- 1 Name of the State or territory for which Terrain and Obstacles datasets and AMDB are required.
- 2 Compliance with requirement for the provision of Terrain datasets, shown by:
 - FC – Fully compliant
 - PC – Partially compliant
 - NC – Not compliant
- 3 Compliance with requirement for the provision of Obstacle datasets, shown by:
 - FC – Fully compliant
 - PC – Partially compliant
 - NC – Not compliant
- 4 Implementation of AMDB, shown by:
 - FI – Fully Implemented
 - PI – Partially Implemented
 - NI – Not implemented
- 5 Action plan — short description of the State’s Action Plan with regard to compliance with the requirements for provision of Terrain and Obstacles datasets and implementation of AMDB.
- 6 Remarks— additional information, including detail of “PC” and “NC”, as appropriate.

FASID TABLE AIM-3
Terrain and Obstacle datasets and Airport Mapping Database (AMDB)

State	Terrain Datasets	Obstacle datasets	AMDB	Action Plan	Remarks
1	2	3	4	5	6
Algeria					
Angola	PC	PC	PC	PC	
Benin	NC	NC	NC	Planned for 2014/2016	
Burkina Faso	NC	NC	NC	Planned for 2014/2016	
Botswana	NC	NC	NC	A plan to implement Etod has been developed but due to financial and technical constraints the plan has not been implemented yet	
Burundi					
Cameroon	NC	NC	NC	Planned for 2014/2016	
Cape Verde					
Centr African Republic	NC	NC	NC	Planned for 2014/2016	
Chad	NC	NC	NC	Planned for 2014/2016	
Comoros	NC	NC	NC	Planned for 2014/2016	
Congo	NC	NC	NC	Planned for 2014/2016	
Cote d'Ivoire	NC	NC	NC	Planned for 2014/2016	
Democratic Republic of Congo	NC	NC	NI	Need of ICAO assistance	Need of ICAO assistance
Djibouti					
Egypt					
Equatorial Guinea	NC	NC	NC	Planned for 2014/2016	
Eritrea					
Ethiopia					
Gabon	NC	NC	NC	Planned for 2014/2016	
Gambia	NC	NC	NI	Planned for 2014/2016	
Ghana	NC	NC	NI	Upgrade communication infrastructure 2014	Survey of terrain and obstacles completed. data yet to be integrated in the database.
Guinea	NC	NC	NC	Shall be implemented when autonomous administration takes over	
Guinea Bissau	NC	NC	NC	Planned for 2014/2016	
Kenya	FC	FC	NI	Area 2 obstacle data processing ongoing.	Aerodrome mapping was made a recommendation for complex airport to support e-TOD area 3. Kenya e-TOD policy does not include implementation of area 3 as no complex airport exist
Lesotho	NC	NC	NC	NC	Need to be highly considered it is a major concern to the safety and smooth operations
Liberia	NC	NC	NC	A Plan to implement eTOD ongoing awaiting WGS 84 Survey	eTOD Areas survey of terrain and obstacle has been included in its strategies development plan
Libya					
Madagascar	NC	NC	NC	Planned for 2014/2016	
Malawi					

State	Terrain Datasets	Obstacle datasets	AMDB	Action Plan	Remarks
1	2	3	4	5	6
Mali	NC	NC	NC	Planned for 2014/2016	
Mauritanie	NC	NC	NC	Planned for 2014/2016	
Mauritius					
Morocco					
Mozambique					
Namibia					
Niger	NC	NC	NC	Planned for 2014/2016	
Nigeria	NC	PC	PC		
Rwanda					
Sao Tome and Principe					
Senegal	NC	NC	NC	Planned for 2014/2016	
Seychelles	PC	PC	PI	To be FC by end 2013	
Sierra Leone	NC	NC	NC	Planned for 2014/15	
Somalia					
South Africa	PC	PC	NI	Planned for 2014/2016	Terrain and Obstacle dataset exists, however they need to be quality assured.
South Sudan					
Sudan	NC	NC	NC	NC	-
Swaziland					
Togo	NC	NC	NC	Planned for 2014/2016	
Tunisia					
Uganda					
United Republic of Tanzania	PC	PC	PC	Policy in Place	Implementation will start on July 2013 depend on the availability of fund
Zambia					
Zimbabwe	NC	NC	NI	TBA	

Table AIM-4

APPENDIX 3.5-B4

Aeronautical Data Quality

EXPLANATION OF THE TABLE

Column:

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
 - PC – Partially 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
 - PC – Partially compliant
 - NC – Not compliant
9. Action Plan — short description of the State’s Action Plan with regard to aeronautical data quality requirements implementation, including planned date(s) of full compliance, as appropriate.
10. Remarks — additional information, including detail of “PC”, “NC”, “PI” and “NI”, as appropriate

**FASID TABLE AIM-4
Aeronautical Data Quality**

State	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
Algeria									
Angola	PC	PC	PI	FC	PC	PC	PC	FC	
Benin	FC	NC	NI	NC	FC	FC	FC	(3) and (4) planned	SLA for 2013/2014
Burkina Faso	FC	NC	NI	NC	FC	FC	FC	(3) and (4) planned	SLA for 2013/2014
Botswana	PC	NC	PI	NC	NC	NC	FC	AMHS and AIXM 5.1 MODEL has been purchased from UBITECH will be fully operational in 2013 QMS implementation training on going since 2011. Continuous training for the entire AIS staff in progress	Need assistance on item 6 and 7
Burundi									
Cameroon									
Cape Verde									
Central African Republic	FC	NC	NI	NC	FC	FC	FC	(3) and (4) planned	SLA for 2013/2014
Chad	FC	NC	NI	NC	FC	FC	FC	(3) and (4) planned	SLA for 2013/2014
Comoros	FC	NC	NI	NC	FC	FC	FC	(3) and (4) planned	SLA for 2013/2014
Congo	FC	NC	NI	NC	FC	FC	FC	(3) and (4) planned	SLA for 2013/2014
Cote d'Ivoire	FC	NC	NI	NC	FC	FC	FC	(3) and (4) planned	SLA for 2013/2014
Democratic Republic of Congo	NC	NC	NI	NC	NC	NC	FC	Need of ICAO assistance	Need of ICAO assistance
Djibouti									
Egypt									
Equatorial Guinea	FC	NC	NI	NC	FC	FC	FC	(3) and (4) planned	SLA for 2013/2014

State	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
Eritrea									
Ethiopia									
Gabon	FC	NC	NI	NC	FC	FC	FC	(3) and (4) planned	SLA for 2013/2014
Gambia	NC	NC	PI	NC	PC	PC	PC	QMS beginning 2013	QMS beginning 2014
Ghana	NC	PC	NI	NC	PC	PC	FC		
Guinea	PC	FC	NC	NC	PC	PC	FC	Shall be implementation when autonomous administration begins	
Guinea Bissau	FC	NC	NI	NC	FC	FC	FC	(3) and (4) planned	SLA for 2013/2014
Kenya	FC	FC	FI	FC	FC	FC	FC	Continuous monitoring of QMS through internal audits Evaluation of adherence to agreement and enforcement planned by July 2013	WE ARE ISO CERTIFIED IN APRIL 2011
Lesotho	NC	NC	NC	NC	NC	NC	NC	NONE	Financial constraints
Liberia	PC	FC	NC	NC	PC	PC	FC		
Libya									
Madagascar	FC	NC	NI	NC	FC	FC	FC	(3) and (4) planned	SLA for 2013/2014
Malawi									
Mali	FC	NC	NI	NC	FC	FC	FC	(3) and (4) planned	SLA for 2013/2014
Mauritania	FC	NC	NI	NC	FC	FC	FC	(3) and (4) planned	SLA for 2013/2014
Mauritius									
Morocco									
Mozambique									
Namibia									
Niger	FC	NC	NI	NC	FC	FC	FC	(3) and (4) planned	SLA for 2013/2014
Nigeria	NC	NC	NI	NC	PC	PC	PC		
Rwanda									
Sao Tome and Principe									
Senegal	FC	NC	NI	NC	FC	FC	FC	(3) and (4) planned	SLA for 2013/2014
Seychelles	NC	PC	PI	NC	PC	PC	FC	QMS beginning 2014	70%

State	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
Sierra Leone	PC	FC	NC	NC	PC	PC	PC		
Somalia									
South Africa	FC	PC	NI	PC	PC	PC	FC	FC at end 2013	
South Sudan									
Sudan	PC	PC	NC	PI	PC	PC	FC	PC	2013 will be FC
Swaziland									
Tunisia									
Togo	FC	NC	NI	NC	FC	FC	FC	(3) and (4) planned	SLA for 2013/2014
Uganda	PC	NC	NI	PC	PC	PC	PC	In the process of certification of QMS. Documentation done; in process of implementation	Awaiting certification
United Republic of Tanzania	FC	PC	PI	PC	PC	PC	PC		
Zambia									
Zimbabwe	PC	NC	NI	NC	PC	PC	PC	TBA	

Table AIM-5

APPENDIX-3.5B-5

World Geodetic System-1984 (WGS-84)

EXPLANATION OF THE TABLE

Column:

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 Enroute 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 WGS-84 implementation, including planned date(s) of full compliance, as appropriate.
7. Remarks — additional information, including detail of "PC" and "NC", as appropriate.

FASID TABLE AIM-5
World Geodetic System-1984 (WGS-84)

State	FIR/ENR	Terminal	AD	GUND	Action Plan	Remarks
1	2	3	4	5	6	7
Algeria						
Angola	FC	FC	PC	PC	FC	
Benin	FC	FC	FC	FC	Update survey in 2013	
Burkina Faso	FC	FC	FC	FC	Update survey in 2013	
Botswana	PC	PC	FC	NC	Relocated NAV AIDS will be surveyed in 2013/2014	All major Airports in Botswana have been recently developed/expanded and the AD Data was surveyed into WGS84 Routine Maintenance has not been carried out due to financial constraints.
Burundi						
Cameroon						
Cape Verde						
Central African Republic	FC	FC	FC	FC	Update survey in 2013	
Chad	FC	FC	FC	FC	Update survey in 2013	
Comoros	FC	FC	FC	FC	Update survey in 2013	
Congo	FC	FC	FC	FC	Update survey in 2013	
Cote d'Ivoire	FC	FC	FC	FC	Update survey in 2013	
Democratic Republic of Congo	NC	NC	PC	NC	Need of ICAO assistance	Need of ICAO assistance. Only 10 airports since +- 10 years
Djibouti						
Egypt						
Equatorial Guinea	FC	FC	FC	FC	Update survey in 2013	
Eritrea						
Ethiopia						
Gabon	FC	FC	FC	FC	Update survey in 2013	
Gambia	FC	FC	FC	FC	Update survey in 2013	Maintenance Survey will be Conducted in 2013 in collaboration with ASECNA
Ghana	FC	FC	FC	FC	Routine Maintenance Survey every two	Routine Maintenance Survey

State	FIR/ENR	Terminal	AD	GUND	Action Plan	Remarks
1	2	3	4	5	6	7
					years.	Completed in December 2012
Guinea			WGS 84 implemented on 11 April, 2003.		Planned to implement the rest when department becomes autonomous.	
Guinea Bissau	FC	FC	FC	FC	Update survey in 2013	
Kenya	FC	FC	FC	NI	Maintenance of 3 airport scheduled 2013/2014	
Lesotho	PC	PC	PC	NC	To be published soon	
Liberia	PC	PC	PC	PC	Update resurvey 2013-2014	ongoing
Libya						
Madagascar	FC	FC	FC	FC	Update survey in 2013	
Malawi						
Mali	FC	FC	FC	FC	Update survey in 2013	
Mauritania	FC	FC	FC	FC	Update survey in 2013	
Mauritius						
Morocco						
Mozambique						
Namibia						
Niger	FC	FC	FC	FC	Update survey in 2013	
Nigeria	FC	FC	FC	FC		
Rwanda						
Sao Tome and Principe						
Senegal	FC	FC	FC	FC	Update survey in 2013	
Seychelles	FC	-	FC	FC	New charts await compliance	
Sierra Leone		NC	NC	NC	Planned for full implementation by 2014	
Somalia						
South Africa	FC	FC	FC	FC		
South Sudan						
Sudan	FC	FC	FC	NC	NC	31 Dec 2013 will have an Action Plan.
Swaziland						
Togo	FC	FC	FC	FC	Update survey in 2013	

State	FIR/ENR	Terminal	AD	GUND	Action Plan	Remarks
1	2	3	4	5	6	7
Tunisia						
Uganda						
United Republic of Tanzania	FC	FC	PC	FC	Survey are going on in Category B Aerodromes in collaboration with Tanzania Airport Authority	
Zambia						
Zimbabwe	PC	FC	FC	PC	TBA	

Table AIM-6

APPENDIX-3.5 B-6

AERONAUTICAL CHARTS

EXPLANATION OF THE TABLE

Column

- 1 Name of the State or territory for which aeronautical charts are required.
- 2 Compliance with the requirements for the Enroute Chart — ICAO (ENRC) and the ATC Surveillance Minimum Altitude Chart — ICAO (ATCSMAC), shown by:
 - FC – Fully compliant
 - PC – Partially compliant
 - NC – Not compliant
- 3 Compliance with requirements for charts related to terminal areas (IAC, ARC, SID, STAR, VAC) shown by:
 - FC – Fully compliant
 - PC – Partially compliant
 - NC – Not compliant
- 4 Compliance with the requirement for Aerodrome charts (ADC, ADGMC and APDC), shown by:
 - FC – Fully compliant
 - PC – Partially compliant
 - NC – Not compliant
- 5 Compliance with the requirements for Obstacle Charts (AOC-A, PATC, AOC-E) shown by:
 - FC – Fully compliant
 - PC – Partially compliant
 - NC – Not compliant
- 6 Compliance with the requirement for WAC, shown by:
 - FC – Fully compliant
 - PC – Partially compliant
 - NC – Not compliant
- 7 Action plan — short description of the State's Action Plan with regard to aeronautical charts implementation, including planned date(s) of full compliance, as appropriate.
- 8 Remarks— additional information, including detail of “PC” and “NC”, as appropriate.

**FASID TABLE AIM-6
Aeronautical Charts**

	ENR &ATCSM AC	Charts related to Terminal Areas	AD Charts	Obstacle Charts	WAC	Action Plan	Remarks
State							
1	2	3	4	5	6	7	8
Algeria							
Angola	PC	PC	PC	PC	PC	PC	
Benin	FC	FC	FC	FC	PC		
Burkina Faso	FC	FC	FC	FC	PC		
Botswana	FC	FC	FC	FC	NC	WAC will be produced in 2014.	
Burundi							
Cameroon							
Cape Verde							
Central African Republic	FC	FC	FC	FC	PC		
Chad	FC	FC	PC	FC	PC		
Comoros	FC	FC	PC	FC	PC		
Congo	FC	FC	FC	FC	PC		
Cote d'Ivoire	FC	FC	FC	FC	PC		
Democratic Republic of Congo	NC	PC	NC	NC	NC	Need of ICAO assistance	Need of ICAO assistance
Djibouti							
Egypt							
Equatorial Guinea	FC	FC	FC	FC	PC		
Eritrea							
Ethiopia							
Gabon	FC	FC	FC	FC	PC		
Gambia	NC	NC	FC	FC	NC	Coordination with Jeppesen for production by end of 2013	
Ghana	NC	NC	NC	NC	NC	WGS-84 MAINTENANCE SURVEY IN DECEMBER 2012 - DONE COMPILATION OF OBSTACLE DATA - DONE	PRODUCTION OF CHARTS TO BE DONE BY MAP/CHART PRODUCTION COMPANY CHARTS/MAPS OUTDATED
Guinea		FC	FC	FC	NC	Awaiting autonomous administration	
Guinea Bissau	FC	FC	PC	FC	PC		

State	ENR & ATCSM AC	Charts related to Terminal Areas	AD Charts	Obstacle Charts	WAC	Action Plan	Remarks
1	2	3	4	5	6	7	8
Kenya	FC	FC	FC	PC	FC	Update of Obstacle chart planned for development after completion of area 2 e-TOD and system training	
Lesotho	NC	NC	NC	NC		None	AUBI but not up to date hence NC
Liberia		FC	FC	FC	NC		
Libya							
Madagascar	FC	FC	FC	FC	PC		
Malawi							
Mali	FC	FC	FC	FC	PC		
Mauritania							
Mauritius							
Morocco							
Mozambique							
Namibia							
Niger	FC	FC	FC	FC	PC		
Nigeria	PC	PC	PC	PC	NC		
Rwanda							
Sao Tome and Principe							
Senegal	FC	FC	FC	FC	PC		
Seychelles	FC	FC	FC	FC	-	-	
Sierra Leone		PC	PC	PC	NC		
Somalia							
South Africa	PC	FC	FC	FC	FC	ENRC will be published by end 2013. ATCSMAC already published.	ENRC will be published by end 2013. ATCSMAC already published.
South Sudan							
Sudan	NC	PC	FC	FC	NC	A Contract signed to establish PD & Charting Unit	Establishment 2011-2014
Swaziland							
Togo	FC	FC	FC	FC	PC	FC	
Tunisia							
Uganda							
United Republic of Tanzania	PC	PC	PC	PC	FC		For charts like ADGMC are not applicable to our Country
Zambia							
Zimbabwe	FC	PC	PC	PC	FC	TBA	SIDS & STARS NOT IMPLEMENTED

**PRODUCTION RESPONSIBILITY FOR SHEETS OF
THE WORLD AERONAUTICAL CHART - ICAO 1:1 000 000**

EXPLANATION OF THE TABLE

Column:

1. Name of the State accepting production responsibility.
2. World Aeronautical Chart — ICAO 1:1 000 000 sheet number(s) for which production responsibility is accepted.
3. Remarks.

Note 1— When Aeronautical Charts — ICAO 1:500 000 or Aeronautical Navigation Charts — ICAO Small Scale, are made available instead of the 1:1 000 000 chart, this is to be indicated in the Remarks column.

Note 2— In those instances where the production responsibility for certain sheets has been accepted by more than one State, these States by mutual agreement should define limits of responsibility for those sheets.

FASID Table AIM-7
Production responsibility for sheets of the
World Aeronautical Chart - ICAO 1:1 000 000 (WAC)

State 1	Sheet number(s) 2	Remarks 3
Algeria		
Angola		IGCA Instituto Nacional Geodetic de Angola
Benin	2816-2783	GHANA-NIGERIA
Burkina Faso	2695	ASECNA
Botswana		
Burundi		
Cameroon		
Cape Verde		
Central African Republic	2786-2812-2813	ASECNA
Chad	2664-2671-2692-2785	ASECNA
Comoros	3052-3156	ASECNA
Congo	2906-2935	ASECNA
Cote d'Ivoire	2781-2817	ASECNA
Democratic Republic of Congo	Nil	Jeppesen assistance
Djibouti		
Egypt		
Equatorial Guinea	2905	ASECNA
Eritrea		
Ethiopia		
Gabon	2936	ASECNA
Gambia	NIL	Coordination with Jeppesen for production before end of 2013
Ghana	1:1 000 000	1:500 000, 1: 250 000
Guinea	NIL	Awaiting autonomous administration
Guinea Bissau	2697	ASECNA
Kenya	Lake Turkana (2910), Kilimanjaro (2931)	
Lesotho		Staff shortage and training obstruct effective ops of AIS/AIM and financial constraints is one of the main issue for us staff recruitment and training is concerned
Liberia	NIL	Contacted outsource Mapping Company
Libya		
Madagascar	3156-3173-3174-3278-3297	ASECNA
Malawi		
Mali	2660-2696	ASECNA
Mauritania	2574-2658-2659	ASECNA
Mauritius		
Morocco		
Mozambique		
Namibia		
State	Sheet number(s)	Remarks
Niger	2570-2662-2663-2693-2694	ASECNA
Nigeria		
Rwanda		
Sao Tome and Principe		
Senegal	2697	ASECNA
Seychelles		
Sierra Leone	NIL	Agency contacted (ANSP)
Somalia		
South Africa	Bulawayo (3275), Inhambane (3276),	1:1 000 000 – WAC

State	Sheet number(s)	Remarks
1	2	3
	Vryburg (3301), Johannesburg (3300), Maputo (3299), Calvinia (3396), Bloemfontein (3397), Durban (3398), Cape Town (3422), Port Elizabeth (3421)	1:500 000 – Southern Africa 1:250 000 – Topo-Cadastral
South Sudan		
Sudan		
Swaziland		
Tunisia		
Togo	2782-2817	GHANA
Uganda	2909	
United Republic of Tanzania	LAKE VICTORIA 2932 ,LAKE TANGANYIKA 3030 , ZANZIBAR ISLAND 3031, RUVUMA 3053	
Zambia		
Zimbabwe		

Table AIM-8

APPENDIX-3.5B-8

Pre-Flight Information Services

EXPLANATION OF THE TABLE

Column:

1. Name of the State or territory.
2. Compliance with the requirements for the provision of Pre-Flight Information Bulletins (PIB), shown by:
 - FC – Fully compliant, against each type of PIB
 - PC – Partially compliant, against each type of PIB
 - NC – Not compliant, against each type of PIB

Note 1 — AD: Aerodrome type bulletins
Area: Area type bulletins (FIR or group of FIRs or States)
FIR route: FIR route specific bulletin
Narrow route: Narrow path route specific bulletin
3. Compliance with the requirements for the availability of the elements of the Integrated Aeronautical Information Publications (IAIP), maps and charts to the flight operations personnel, shown by:
 - FC – Fully compliant
 - PC – Partially compliant
 - NC – Not compliant
4. Requirement for a common point of access to aeronautical information and meteorological information briefings, shown by:
 - FI – Fully Implemented
 - PI – Partially Implemented
 - NI – Not implemented
5. Action Plan— short description of the State's Action Plan with regard to Pre-Flight Information Services, including planned date(s) of full compliance, as appropriate.
6. Remarks — additional information, including detail of “PC”, “NC”, “PI” and “NI”, as appropriate.

**FASID TABLE AIM-8
Pre-Flight Information Services**

State	PIB				IAIP	Aeronautical Information and Meteorological information Integrated Briefing	Action Plan	Remarks
	AD	Area	FIR route	Narrow route				
1	2				3	4	5	6
Algeria								
Angola	PC				PC	PC	PC	
Benin	FC	FC	PC	FC	FC	NI		
Burkina Faso	FC	FC	FC	FC	FC	NI		
Botswana	FC	FC	FC	FC	FC	FC	Integrated Aeronautical Data Base for AIS Systems to be installed being installed 2013	PIB Service has been in place since 2004, upgraded in 2007 and improved AIS systems with integrated data base (AERODB) has been installed and will be in full operation in 2013.
Burundi								
Cameroon	FC	FC	PC	FC	FC	NI		
Cape Verde								
Central African Republic	FC	FC	PC	FC	FC	NI		
Chad	FC	FC	PC	FC	FC	NI		
Comoros	FC	FC	PC	FC	FC	NI		
Congo	FC	FC	FC	FC	FC	NI		
Cote d'Ivoire	FC	FC	FC	FC	FC	NI		
Democratic Republic of Congo	PC	PC	PC	NC	NC	NI	Need of ICAO assistance	Need of ICAO assistance
Djibouti								
Egypt								
Equatorial Guinea	FC	FC	PC	FC	FC	NI		
Eritrea								
Ethiopia								
Gabon	FC	FC	PC	FC	FC	NI		
Gambia	FC	NI	NI	NI	FC	NI	Coordination with Central Forecast Office for	

State	PIB				IAIP	Aeronautical Information and Meteorological information Integrated Briefing	Action Plan	Remarks
	AD	Area	FIR route	Narrow route				
1	2				3	4	5	6
							integrated met briefing by end of 2013	
Ghana	NC	NC	NC	NC	NC	NI	Upgrade the New AMHS to generate PIB 2013 Upgrade the communication system to be interoperable with MET Systems.	In the process of installing new software for the provision of PIB
Guinea	FC	FC	FC			FI	By 2014 planned to upgrade AIS with integrated meteorological data	
Guinea Bissau	FC	FC	PC	FC	FC	NI		
Kenya	FC	FC	FC	FC	FC		--	
Lesotho	NC	NC	NC	NC	NC	No action taken as the country has not got its national airline depends on South Africa	Cannot be done unless more manpower is available	
Liberia	PC	PC	PC	PC	PC	FI		
Libya								
Madagascar	FC	FC	PC	FC	FC	NI		
Malawi								
Mali	FC	FC	PC	FC	FC	NI		
Mauritania	FC	FC	PC	FC	FC	NI		
Mauritius								
Morocco								
Mozambique								
Namibia								
Niger	FC	FC	PC	FC	FC	NI		
Nigeria	PC	PC	PC	NC	PC	PI		
Rwanda								
Sao Tome and Principe								
Senegal	FC	FC	PC	FC	FC	NI		
Seychelles	-	-	-	-	FC	NI	-	
Sierra Leone	FC					PI		

State	PIB				IAIP	Aeronautical Information and Meteorological information Integrated Briefing	Action Plan	Remarks
	AD	Area	FIR route	Narrow route				
1	2				3	4	5	6
Somalia								
South Africa	FC	FC	FC	FC	FC	FC		
South Sudan								
Sudan	FC	FC	FC	FC	PC	FC	-	-
Swaziland								
Togo	FC	FC	PC	FC	FC	NI		
Tunisia								
Uganda								
United Republic of Tanzania	FC	FC	FC	FC	FC	FC		
Zambia								
Zimbabwe	FC	FC	FC	FC	PC	PC	TBA	

Table AIM-9

APPENDIX-3.5B-9

AIM Certification

EXPLANATION OF THE TABLE

Column:

1. Name of the State or territory for which implementation of AIM Certification is required.
2. Availability of AIM Regulations, shown by:
 - FC – Fully compliant
 - PC – Partially compliant
 - NC – Not compliant

Note.— Please provide in the Remarks column detail of “PC” and “NC”.
3. Compliance with the requirements for the establishment of a Safety Oversight System for ensuring the effective implementation of safety-related policy and procedures in the area of AIM, shown by:
 - FC – Fully compliant
 - PC – Partially compliant
 - NC – Not compliant

Note 1.— Please provide in the Remarks column detail of “PC” and “NC”.

Note 2.—A Safety Oversight System is based on the eight (8) Critical Elements (CEs) as defined in the ICAO Safety Oversight Manual (Doc 9734, Part A).

Note 3.—As part of the Safety Oversight System, States should, in particular:

 - a) establish an entity responsible for the safety oversight of the AIS/AIM service provider(s)(not necessarily limited to the safety oversight of AIM) with clearly defined functions and responsibilities, or delegate this function to a Regional/Sub-Regional Organization;
 - b) ensure the availability of sufficient number of qualified AIM inspectors;
 - c) establish minimum qualifications and experience for the AIM inspectorate staff;
 - d) establish detailed job descriptions reflecting all the regulatory and safety oversight tasks for the AIM inspectorate staff;
 - e) establish the necessary procedures for the AIM inspectorate staff;
 - f) establish and implement a formal surveillance programme for the continuing supervision of the AIS/AIM service provider(s) and ensure that safety oversight is effectively conducted; and
 - g) establish and implement a mechanism/system for the elimination of deficiencies identified by the AIM inspectorate staff.
4. Compliance with the requirements for implementation of AIM certification, shown by:
 - FC – Fully compliant
 - PC – Partially compliant
 - NC – Not compliant

Note 4.— AIM Certification may be performed within the framework of ANS Certification
5. Action Plan — short description of the State’s Action Plan with regard to the implementation of the different requirements of AIM certification, including planned date(s) of full compliance, as appropriate.
6. Remarks — additional information, including detail of “PC” and “NC”,as appropriate.

**FASID TABLE AIM-9
AIM Certification**

State	AIM Regulations	AIM Safety Oversight	AIM Certification	Action Plan	Remarks
1	2	3	4	5	6
Algeria					
Angola	FC	PC	PC	PC	
Benin					
Burkina Faso					
Botswana	PC	NC	NC	Draft AIM Regulation are available yet to be approved and implemented	SAFETY OVERSIGHT BODY FOR AIM/MAP SERVICE ESTABLISHED IN FEBRUARY 2013.
Burundi					
Cameroon					
Cape Verde					
Central African Republic					
Chad					
Comoros					
Congo					
Cote d'Ivoire					
Democratic Republic of Congo	NC	NC	NC	Need of ICAO assistance	Need of ICAO assistance
Djibouti					
Egypt					
Equatorial Guinea					
Eritrea					
Ethiopia					
Gabon					
Gambia	NC	NC	NC	Included in ANS training action plan for 2013	
Ghana	PC	NC	NC	Plan to train staff for the aim inspectorate entity 2014	Non availability of qualified AIM Inspectorate Staff. Safety Oversight body for AIS/AIM Service not yet established
Guinea	NC			Implementation by the future	

State	AIM Regulations	AIM Safety Oversight	AIM Certification	Action Plan	Remarks
1	2	3	4	5	6
				autonomous administration	
Guinea Bissau					
Kenya	PC	PC	PC	Documents for certification developed the process ongoing	Awaiting certification by 2013
Lesotho	NC	NC	NC	<i>No action plan in hand</i>	Staff Shortage , Training and financial constraint.
Liberia	PC	PC	NC	Upgrade AIS to AIM transition regulations at all levels, management, structure, delivery and control of all critical and relevant information for air traffic management (ATM) in term of their information management requirements.	Safety oversight responsibilities ongoing
Libya					
Madagascar					
Malawi					
Mali					
Mauritanie					
Mauritius					
Morocco					
Mozambique					
Namibia					
Niger					
Nigeria	NC	NC	NC		
Rwanda					
Sao Tome and Principe					
Senegal					
Seychelles	NC	NC	NC	2013-2015	
Sierra Leone	NC				
Somalia					
South Africa	FC	PC	FC		ANSP awaiting certification for publication of IAIP by 2013
South Sudan					

State	AIM Regulations	AIM Safety Oversight	AIM Certification	Action Plan	Remarks
1	2	3	4	5	6
Sudan	PC	PC	NC	-	-
Swaziland					
Togo					
Tunisia					
Uganda					
United Republic of Tanzania	NC	NC	NC		
Zambia					
Zimbabwe	FC	PC	PC	TBA	

Note 1 : (Each ASECNA Member State will eventually provide its own data about this table)

