

Airspace and Aerodrome Operations Sub-Group (AAO/SG)

12 August 2024

AAO/SG - Airspace: AFI ATM Master Plan Project Management Team (AAMP PMT)

1. Terms of Reference

- a) The AAMP - PMT is established and mandated by AAO/SG to develop the AFI Vision, Concept of Operations and ATM Master Plan with enabling Infrastructure Strategy incorporating relevant ASBU modules with a 25-year outlook.
- b) The review and continuous maintenance of the AAMP strategy documents (i.e. the Master Plan, AFI ATM Vision 2045 and the future Concept of Operations (CONOPS).
- c) The review and continuous identification of the ASBU elements applicable to the AFI Region in line with the GANP block upgrade implementation and planning time horizons.
- d) The review and support of the implementation of ICAO Standards and Recommended Practices (SARPs) and carry out specific activities aimed to enable AAO/SG and APIRG to discharge its functions and responsibilities in the areas of ATM.

2. Key Functions

To carry out its functions, the AAMP-PMT shall, as guided by AAO/SG and APIRG:

- a) Consult relevant stakeholders, identify, prioritize and consolidate all ongoing, proposed or plan ICAO initiatives relating to airspace improvements into the AFI region ATM Master Plan.
- b) Collaborate with relevant institutions of ICAO, AFCAC, AU to identify ownership, responsibility and funding for the development and implementation of the AFI ATM Master Plan.
- c) Leverage on existing industry best practice, emerging technology, and leapfrog where necessary with the implementation of new concepts in coordination with adjacent regions.
- d) Provide support and oversight to the implementation of ATM projects in support of States, related to ATM/SAR in accordance with the ASBUs methodology and as guided by the Regional performance objectives, to support States in the implementation of SARPs and regional requirements.

Airspace and Aerodrome Operations Sub-Group (AAO/SG)

12 August 2024

- e) Take necessary action to enable coherent planning and implementation of ATM systems in the AFI Region, to facilitate the objective of achieving seamlessness in the air navigation system, interoperability and harmonization within the Region and with other Regions.
- f) Keep under review the adequacy of requirements in the areas of and ATM considering changes in user requirements, the evolution in operational requirements and technological developments in accordance with the ASBUs methodology.
- g) Develop templates and Guidelines to assist States in the development of National ATM Master Plans that are aligned with the Regional ATM Master Plan.
- h) Provide support in conducting ATM Master Plan awareness programmes and development of National ATM Master Plans.
- i) Coordinate with the IIM/SG on the implementation of all relevant Modules to ensure robust implementation relationship of operational requirements and supporting infrastructure and digital information.
- j) Ensure AOP environmental initiatives are consistently identified and progressed, and report outcomes from AOP environmental initiatives;

3. Support

- a) ICAO AFI Regional Offices host an AFI Air Navigation Summit on seamless ATM system for the AFI Region in 2024.
- b) ICAO AFI Plan / AFCAC assistance to States for the implementation of the ATM Master Plan.
- c) ICAO, with the assistance of AFCAC and Regional Economic Commissions, explore mechanisms for the establishment of a framework for the funding of APIRG Projects.
- d) A Round Table meeting be convened to consider in particular the Air Navigation Deficiencies identified by APIRG, including the outcome of assessments, Gap Analysis of the AFI Air Navigation Infrastructure and systems and identify feasible solutions to be funded. The outcome of the Round Table be shared with the African Union and United Nations specialized institutions promoting a sustainable development.
- e) High-level conference on AFI Seamless Air Traffic Management services and infrastructure be included in the framework for AU SAATM, NEPAD, etc. in collaboration with AFCAC.
- f) Appointment of high-level executing and implementation monitoring body to coordinate with AFCAC and ICAO.

Airspace and Aerodrome Operations Sub-Group (AAO/SG)

12 August 2024

4. Tasks

- a) Coordinate and conduct meetings of the AAMP Project Management Team.
- b) Support AAO-SG project teams and provide implementation guidance as may be appropriate.
- c) Monitor implementation performance of relevant ASBU elements within operations, technology and information management.
- d) Coordinate with the IIM-SG on the implementation planning of all relevant ASBU elements to ensure robust harmonised implementation planning of operational requirements and supporting infrastructure and digital information.
- e) Conduct comprehensive AFI air navigation infrastructure gap analysis
- f) Review and submit revised gap analysis questionnaire to APIRG for endorsement in collaboration with IIM-SG.
- g) Obtain traffic forecast with a 25-year outlook
- h) Coordinate the review and maintenance of the ATM Master Plan and AFI Vision 2045 future Concept of Operations with the IIM-SG.
- i) Work with IIM-SG to develop and submit draft AFI CNS Infrastructure Strategy based on adopted Vision Document, Concepts of Operations and ATM Master Plan.
- j) Work with IIM-SG and other organisations for the development of Infrastructure cost benefit analysis based operational requirements.
- k) Coordinate recommendations regarding identifiable funding agencies for projects guidance and funding arrangements in collaboration with IIM-SG.

5. Working Methods

- a) The Project Management Team shall convene virtual meeting quarterly and other additional meetings as may be required, taking into consideration the schedule of other AAO-SG activities. It shall make use of available means of electronic communication including teleconferencing to prepare and progress its work in between meetings and keep its members up to date on issues of concern, as well as to discuss specific issues.
- b) Taking into consideration that the project management team will be representing the interests of the region, and that not all APIRG member States will necessarily be represented in a project management team, the participating State officials shall be expected to work more as experts in their respective fields, as opposed to delegates attending only in the interests of their States. The Project Management Team shall, while exercising due professional care and without prejudice to States sovereignty and integrity, work with minimum formality in order to facilitate effective delivery.

Airspace and Aerodrome Operations Sub-Group (AAO/SG)

12 August 2024

6. Composition

The AFI ATM Master Plan Project Management Team composition under the chairmanship of Mr James Davis, will include experts from AAO-SG and IIM-SG.

ATM Master Plan Project Management Team (AAMP PMT)

	Name	State/Organisation	Contact details	Designation
1.	James Davis	South Africa	+27 66 304 3246 Jamesd@atns.co.za	Chairman
2.	Collins Ochillo	Kenya	+254 722 404 294 cochillo@kcaa.or.ke	ATM Expert
3.	Richard Cherop	Kenya	rcherop@kcaa.or.ke +254 722 317 719	ATM Expert
4.	Isaack Ojwang	Kenya	iojwang@kcaa.or.ke +254 772 569 992	ATM Expert
5.	William Mfunne	Zambia	+260 97 7600354 william.mfunne@caa.co.zm	ATM Expert
6.	Besa Makuka	Zambia	+260 97 8768246 Mukuka.besa@caa.co.zm	AIM Expert
7.	Ananias Sichone	Zambia	Ananias.Sichone@caa.co.zm +60 978 666986	CNS Expert
8.	Protus Otieno Seda	IATA	+27 71 687 5948 sedap@iata.org	Operations Expert
9.	Rosemary Kyalo	IFATCA	+254 714 590 361 rskyalo@gmail.com	ATM Expert
10.	George Mbugua	IFATCA	+254 722 399 367 geombugua@gmail.com	ATM Expert
11.	Ahmed Bolakale	Nigeria	+234 802 303 4850 atcokale@yahoo.co.uk	ATM Expert

Airspace and Aerodrome Operations Sub-Group (AAO/SG)

12 August 2024

12.	Sarafina Maxwanu	Namibia	+264 832 35 23 92 maxwanus@ncaa.na	ATM Expert
13.	Faraji Ssenkoto	AFCAC	fsenkoto@afcac.org +221 78 7838 735	ATM Expert
14.	Geoffrey Okot	Uganda	gokot@caa.co.ug	ATM Expert
15.	Gauthier Madika	DRC	+243 899 111 901 madika1@outlook.fr	ATM Expert
16.	Billy Diabasenga	DRC	+243818151745 billydk67@gmail.com	ATM Expert
17.	Kennedy Blege	Ghana	+233 20 878 3826 kblege@caa.com.gh	ATM Expert
18.	David Akuamoah Boateng	Ghana	+233 24 451 3070 daboateng@caa.com.gh	ATM Expert
19.	Augustin Mbaraga	Rwanda	ambaraga@rac.co.rw	ATM Expert
20.	Moustapha Boukary	SatNav-Africa JPO	Moustapha.Boukary@satnav-africa.com	CNS Expert