



**COMPREHENSIVE REGIONAL IMPLEMENTATION PLAN FOR AVIATION
SAFETY IN AFRICA (AFI PLAN)**

**TWENTIETH AFI PLAN STEERING COMMITTEE MEETING
(Montreal, Canada, 07 December 2017)**

**Agenda Item 1:- Review of the Progress Report on the implementation of the AFI Plan
since the Nineteenth Meeting of the Steering Committee and Status
of Implementation of the 2017 Work Programme**

(Presented by AFI Plan Secretariat)

EXECUTIVE SUMMARY

This paper presents information on the status of implementation of the Decisions and Recommendations of the 19th meeting of the AFI Plan Steering Committee held on 23 May 2017 in Gaborone, Botswana as well as the 2017 AFI Plan work programme.

Action: The Steering Committee is invited to:

- a) Note the information contained in the paper;
- b) Note the related information contained in Discussion Papers **02, 03 ,04, 05**, and relevant Presentations;
- c) Provide further instructions and guidance for the continued implementation of the Decisions and Recommendations of its 19th meeting, considering the status of implementation (column 7 of **Attachment A**); and
- d) Provide further instructions and guidance for the continued implementation of the 2017 Work Programme considering the status of implementation (Column 4 of **Attachment B**).

1. INTRODUCTION

1.1 The Steering Committee at its 19th meeting had reviewed the actions undertaken since its eighteenth meeting on the implementation of the AFI Plan and in so doing, took some additional Decisions and made Recommendations on the 2017 Work Programme.

1.2 This paper summarizes the progress made in the implementation of the Decisions and Recommendations of the 19th meeting of the AFI Plan Steering Committee and the status of implementation of the 2017 Work Programme.

2. SUMMARY OF IMPLEMENTATION PROGRESS: JUNE - DECEMBER 2017

2.1 The list of Decisions and Recommendations of the 19th meeting of the AFI Plan Steering Committee (SC/19) along with an update on actions undertaken and / or required from this meeting are attached herewith as **Attachment A**. Similarly, the progress made so far in implementing the 2017 Work Programme is presented as **Attachment B** to this Discussion Paper.

2.2 With regards to Regional Safety Oversight Organizations (RSOOs) and Regional Accident Investigation Organizations (RAIOs), efforts to strengthen and operationalize such entities are continuing. Accordingly and in line with the Ezulwini Declaration on RSOOs adopted on the 24th of March 2017 by African Ministers responsible for Civil Aviation, and the subsequent Decision by the 19th meeting of the AFI Plan Steering Committee adopting the Terms of Reference for the development and implementation of a Strategic Plan to support and strengthen RSOOs in the Region, steps are being taken to engage a suitable consultant for the purpose.

2.3 The implementation of AFI Plan projects approved at the 17th SC meeting is progressing. The implementation status of each project is to be presented to this meeting in **DP-02**. Furthermore, in accordance with the Decision of the 19th SC meeting two (2) additional projects required to build capacity and assist States in the areas of Aircraft Accident investigation (AIG) and Fundamentals of safety oversight (FSO) have been prepared and will be presented in **DP-07** for your consideration.

2.4 On the basis of the Recommendation of the SC/19 meeting, the proposed revised Abuja Safety targets and Air Navigation Performance Indicators and Targets were presented to the 4th RASG-AFI and 21st APIRG meetings for approval. The consolidated set of proposed revised targets presented to these two Groups were reviewed and approved with some amendments and recommendations. These inputs have now been taken in to account in an updated version of the proposals to be submitted to this meeting as DP-03, for consideration.

2.5 The AFI Plan Secretariat continues to provide support to the AATO. In this regard, the AFI Plan Secretariat participated in the 12th AATO Council meeting and provided additional information required to finalize the Aviation Training Roadmap for Africa. The detailed progress report on the review and finalization of the roadmap will be presented to this meeting, by AATO, as DP-04.

2.6 As envisaged in the ICAO Plans of Action (for 36 States to date), collaboration is ongoing between ICAO and AFCAC (AFI-CIS), RSOOs and COSCAPs, as well as other partners, to provide assistance to African States in addressing safety deficiencies identified through the ICAO Universal Safety Oversight Audit Programme (USOAP).

2.7 The Regional Office Safety Teams (ROSTs) have been active in assisting States in the implementation of their Corrective Action Plans (CAPs) prepared in response to deficiencies identified by ICAO USOAP Audits. Accordingly, in 2017 ROST missions were conducted to 16 States (namely; Angola, Malawi, Burundi, Djibouti, Rwanda, Swaziland,

Botswana, South Africa, Seychelles, Mauritius, Zambia, Zimbabwe, Comoros, South Sudan Kenya, and Mozambique) in the ESAF region and 17 States (namely; Burkina Faso, CAR, Ghana, Mauritania, Senegal, Sierra Leone, Benin, Cameroun, Chad, Cote D'Ivoire, Congo, DRC, Equatorial Guinea, Gabon, Gambia, Guinea and Togo) in the WACAF region.

2.8 The increased assistance and engagement with States resulted in a corresponding improvement of EIs in both ESAF and WACAF regions. Accordingly, in 2017 an increased number of States notably Tanzania, Rwanda, Chad, Congo, Mozambique, and Benin have each shown good progress in improving their EI levels while Djibouti and Angola were able to resolve their long standing SSCs. In addition, a good number of States have shown improved CAP implementation progress as determined through updates provided on the USOAP CMA Online framework (OLF).

2.9 High-level engagements continued with African States including those countries with low EIs and slow progress in the implementation of their ICAO Plans of Action. In this regard, in 2017, the President of the ICAO Council and Secretary General held side meetings with States at various events such as the ICAO/EASA Forum on RSOOs (Ezulweni, Swaziland, March 2017), the 2nd ICAO Sustainable Development of Air Transport in Africa meeting (Accra, Ghana, March 2017), the High Level Conference for the Improvement of Search and Rescue in Africa (Lomé, Togo, April 2017), African Union Assemblies, the ICAO GAT TRAINAIR PLUS Symposium (Addis Ababa, Ethiopia in April 2017), 4th Aviation Week (Gaborone, Botswana) and the recently concluded Third ICAO World Aviation Forum (Abuja, Nigeria 20-22 November 2017).

2.10 The support from the United States Department of Transportation Safe Skies for Africa (SSFA) Program and the Federal Aviation Administration (FAA), the EU funded projects as well as other partners, aimed at assisting African States in improving the level of implementation of ICAO safety standards, is on-going. The meeting will be provided with more detailed information on the various initiatives during the session on Presentations by Partners.

2.11 The Secretariat continued to collaborate with ICAO-endorsed Aviation Training Centres such as the Air Traffic and Navigation Services (ATNS) Academy in Johannesburg, South Africa; the East African School of Aviation (EASA), Nairobi, Kenya; Ecole Africaine de la Météorologie et de l' Aviation Civile (EAMAC), Niamey, Niger and Ecole Régionale de la Navigation Aérienne et de Management (ERNAM), Dakar, Senegal, on the preparations, organization and delivery of essential aviation safety training courses to member States. These training centres have been conducting ICAO Government Safety Inspector (GSI) courses on Personnel licencing, Airworthiness of aircraft and Aircraft operations as well as Inspector courses on Air Traffic Management, Communications, Navigation and Surveillance and Meteorology.

2.12 With respect to the three key AFI Plan goals targeted for December 2017 i.e. 60 % EI for 80 % of the States, zero SSCs and certification of at least 45% of international Airports, the situation as at 1 December 2017 is as follows;

- Twenty-Nine States (56 % of USOAP Audited African States) have attained 60% EI
- Two (2) SSCs remain unresolved in 2 States, namely Eritrea and Malawi; and
- A total of 24 % International Airports have been certified.



COMPREHENSIVE REGIONAL IMPLEMENTATION PLAN FOR AVIATION SAFETY IN AFRICA (AFI PLAN)

FOLLOW-UP ACTIONS FROM DECISIONS AND RECOMMENDATIONS OF THE

19th AFI PLAN STEERING COMMITTEE MEETING

Decision/ Recommendati on Reference	Title	Text	Deadline	Deliverable(s)	Responsibility	Expected activities and Status
SC19/Dec 01	Establishment and Strengthening of Regional Safety Oversight Organizations- Seven Partner States	The AFI Plan Secretariat is to continue the constructive dialogue with the Seven partner States and formally communicate with the States within the context of the Global Strategy and action plan to improve RSOOs endorsed by African Ministers responsible for aviation at Ezulwini, Swaziland (Ezulwini Declaration).	Dec 2018	Discussion and formal request with the remaining 7 partner States with viable proposal on the way forward	AFI Plan Secretariat and ICAO ESAF/WACAF Regional Offices	The dialogue is ongoing and the formal communication will be made in the context of the Global and AFI RSOO Strategy to be prepared and implemented as per the decision of the 19th SC meeting.
SC19/Dec02	Proposed update of AFI Plan programme document and ROST – TOR	The AFI Plan Secretariat in collaboration with the African Representatives on the Council, RASG-AFI, APIRG and key Partners, is to continue the review and finalization of the updated AFI Plan programme document and ROST TORs for presentation at the SC/20 meeting.	November 2017	Updated Programme document and ROST TORs	AFI Plan Secretariat, AFI Group, RASG-AFI, APIRG, GAT etc.	The draft Programme Document and ROST –TORs were presented during the RASG AFI-4 meeting to obtain and incorporate feedback. These are to be presented under DP06 for the SC consideration.



Decision/ Recommendation Reference	Title	Text	Deadline	Deliverable(s)	Responsibility	Expected activities and Status
SC19/Dec 03	Implementation of State specific ICAO Plans of Action	a)The AFI Plan Secretariat, through the two ICAO Regional offices of Dakar and Nairobi, is to develop and implement a strategy and assist all African States to have an accepted ICAO Plan of Action by the end of 2019.	Dec 2019	All African States to – be presented with ICAO Plan of Action and allocate resources to ensure effective implementation	AFI Plan Secretariat, ICAO ESAF and WACAF Regional offices	A coordination meeting was held involving ESAF/WACAF ROs, and AFCAC to formulate a strategy to support States for attainment of the annual AFI Goals. Similar meeting held with RSOOs / COSCAPs. 36 ICAO Plans of Action accepted and are being implemented.
		b)The Regional Office Safety Teams (ROST), technical assistance and cooperation projects, and AFI-CIS missions are to continue in further assisting States in the implementation of their Corrective Action Plans (CAPs) so as to specifically resolve or prevent SSCs and improve EIs in low performing States.	Nov 2017	Increased ROST and AFI -CIS missions, and coordination with AFI DG Champions. Improved implementation of CAPs & ICAO Plans of Action; Increase in the number of States meeting the Safety targets	WACAF, ESAF, AFCAC and States	The Regional Office Safety Team (ROST) missions conducted to 16 ESAF States (namely; Angola, Malawi, Burundi, Djibouti, Rwanda, Swaziland, Botswana South Africa, Seychelles, Mauritius, Zambia, Zimbabwe, Comoros, South Sudan Kenya, and Mozambique)) and 17 WACAF States (Burkina Faso, CAR, Ghana, Mauritania, Senegal, Sierra Leone, Benin, Cameroun, Chad, Cote D'Ivoire, Congo, DRC, Equatorial Guinea, Gabon, Gambia, Guinea and Togo).
SC19/Rec04	Programmes / activities of aviation safety partners in Africa	a) ICAO, AFCAC and States are to strengthen cooperation with the various aviation partners within the framework of the AFI Plan work programme	Nov 2017	Integrated 2018 work programme;	AFI Plan Secretariat and Partners	The Partners' activities for 2018 will be presented to the meeting and integrated in the 2018 Programme.



Decision/ Recommendation Reference	Title	Text	Deadline	Deliverable(s)	Responsibility	Expected activities and Status
) The AFI Plan Secretariat is to pursue coordination with partners and incorporate relevant activities in to the 2017 / 2018 work programmes (as may be applicable) taking in to account the updates provided during the AFI Plan SC/19 and subsequent meetings.	Nov 2017	Integrated 2018 work programme	AFI Plan Secretariat And Partners	The 2017 Partners' activities coordinated and presented during the 19th SC Meeting. Also Partners will present their activities since the 19th SC to this meeting to be integrated in 2018 work programme.
SC19/Rec05	High-level support in addressing States' aviation safety deficiencies	The ICAO Council President and the Secretary General are encouraged to continue to engage, at the highest level, especially during State visits and regional meetings, those States that are not cooperating with ICAO and/or sufficiently advancing in addressing their aviation safety deficiencies.	Continuous	Increased high level meetings and engagements; Improved Attendance at important meetings in the AFI Region	ICAO SG, Council President and African Group Members	The President of the Council held side meetings with African States during the Global RSOO forum held in Swaziland, the 2 nd ICAO Meeting On Sustainable Development of Air Transport in Africa, Accra, Ghana, the High Level conference on the improvement of SAR held in Togo, Lomé and the Third ICAO World Aviation Forum held in Abuja, Nigeria. The Secretary General had also met with States and African Union Commission to discuss ways of improving safety in Africa during the GAT, TRAINAIR PLUS Symposium held in Addis Ababa Ethiopia; AFI Week/4 in Botswana, IWAF/3 in Abuja, Etc.



Decision/ Recommendation Reference	Title	Text	Deadline	Deliverable(s)	Responsibility	Expected activities and Status
SC19/Dec06	Development and Implementation of AFI Plan Projects	a) The AFI Plan Secretariat is to develop and propose for the consideration of the 20th AFI Plan SC meeting, at least two additional projects including Fundamentals of Safety Oversight (FSO) and Accident Investigation (AIG).	Nov 2017	Project documents	AFI Plan Secretariat	Two project proposals on Fundamentals of Safety Oversight (FSO) and Accident Investigation (AIG) presented in DP-07 for the SC consideration.
		b) Continue monitoring implementation of the approved projects in order to facilitate attainment of the annual goals set by the Steering Committee and improve overall aviation safety in the region.	Nov 2017	Progress report	AFI Plan Secretariat	Status of Implementation Presented in DP/02
SC19/Rec 07	Revision of the Abuja Safety Targets:	The AFI Plan Secretariat is to coordinate with AFCAC for presentation of the proposed revised Abuja Safety Targets and AFI Air Navigation Services Performance Indicators and Target to the 4th RASG-AFI and 21st APIRG meetings for approval; and report on the approved targets to the 20th AFI Plan SC meeting.	Nov 2017	Revised set of Targets	AFCAC and AFI Plan Secretariat	The proposed revised Abuja Safety Targets and AFI Air Navigation Performance Indicators and Targets were presented at the 21 st APIRG and 4 th RASG AFI meetings for approval. The approved targets presented to SC in DP/03 for consideration.



Decision/ Recommendation Reference	Title	Text	Deadline	Deliverable(s)	Responsibility	Expected activities and Status
SC19/Rec08	Aviation Training Roadmap for Africa	<p>a) The AFI Plan Secretariat and ICAO GAT are to provide the necessary support to AATO for finalization of the Aviation Training Roadmap for Africa, on the basis of the frame work agreed at the AATO Steering Committee meeting of 10th April 2017 in Addis Ababa; and</p> <p>b) Encourage stakeholders such as Civil Aviation Authorities, Aviation Training Institutions, Industry partners etc. to support the programme and activities of AATO.</p>	<p>Nov 2017</p> <p>Continuous</p>	<p>African Aviation Training Roadmap</p> <p>Support Provided to AATO</p>	<p>AATO in collaboration with ICAO-GAT, Singapore Aviation Academy, EASA, AFI Plan Secretariat etc.</p> <p>CAAs, ATOs , partners and Industry, etc</p>	<p>AATO to present a progress report on achievements so far in DP/04.</p>



Decision/ Recommendation Reference	Title	Text	Deadline	Deliverable(s)	Responsibility	Expected activities and Status
SC19/Rec09	Activities of the African Flight Procedure Programme (AFPP)	a) States and partners are encouraged to support the implementation of Phase I and proposed Phase II of the AFPP;	Nov 2017	Support by States and Partners	State and Partners	a) ASECNA, Cote d'Ivoire, Kenya and Tanzania have supported AFPP activities; sharing experience through workshop facilitation
		b) Urge member States, that have not done so, to pay their contribution to the AFPP;	Nov 2017	Increase in payment of contributions	States that has not paid their contribution	b) 2015: 7 out of 21 States with outstanding contributions; 2016: 9 out of 24 States with outstanding contributions; 2017: 23 out of 27 States with outstanding contribution. ASECNA to pay contribution for 13 States
		c) Encourage African States that are not yet member to join and participate in the programme; and	Nov 2017	Increased membership	Non-member States/ANSPs African	c) 3 States joined, 2 States pending
		d) AFI Plan Secretariat to follow up and report on the implementation progress made on phase II of the programme to the next SC meeting.	Nov 2017	Progress report on the implementation of Phase II	AFI Plan Secretariat	d) SC meeting is postponed to a later date due to delay in AFPP Manager's recruitment
SC19/Dec 10	Outcomes of the Forum on RSOOs for Global Aviation Safety (22-24 March 2017)	The AFI Plan Secretariat to proceed and coordinate the implementation of the AFI RSOOs strategy study in accordance with the approved Terms of Reference and report back	Nov 2017	Draft Strategic Plan to support and strengthen RSOOs in the AFI region	AFI Plan Secretariat RSOOs in AFI region ESAF/WACAF Regional Offices and AFCAC	Consultant selection process is progressing to conduct the Strategic Plan study.



Decision/ Recommendation Reference	Title	Text	Deadline	Deliverable(s)	Responsibility	Expected activities and Status
SC19/Dec11	Outcomes of the 4th Aviation Safety Symposium, Gaborone, 22 May 2017	The AFI Plan Secretariat is to incorporate the relevant outcomes of the Fourth AFI Aviation Safety Symposium in the AFI Plan work programme for implementation.	Nov 2017	Integrated 2018 AFI Plan work Programme	AFI Plan Secretariat	The relevant outcomes of the Symposium incorporated in the 2018 work programme and presented in DP/08 for the SC's consideration.



DP/01 ATTACHMENT B: STATUS OF IMPLEMENTATION OF 2017 PROGRAMME OF ACTIVITIES UNDER THE AFI PLAN

Focus Area 1 – Enabling States to establish and maintain an effective and sustainable safety oversight system			
Initiative	Activity	Target for 2017	Status as at Nov 30 2017
Support the integration and enlargement of RSOOs/RAIOs for effective and sustainable functioning	<ul style="list-style-type: none"> • Coordinate a Global and Regional RSOO meeting and implement its outcomes 	<ul style="list-style-type: none"> • Meeting Conducted • Working paper presented • Meeting outcomes with specific Decisions and Recommendations 	<p>The Global RSOO Forum and AFI ministerial meeting on RSOOs were held in Ezulwini, Swaziland. Declaration was adopted and the process of conducting a Strategic Plan study for supporting and strengthening RSOOs in the AFI region is progressing</p>
Support relevant States to establish the Fundamentals of Safety Oversight (FSO) system (CE1-CE5)	<ul style="list-style-type: none"> • Identify and prioritize States with lack of Fundamentals of safety oversight system • Develop and implement FSO project • Intensify assistance through ROST and AFI CIS 	<ul style="list-style-type: none"> • At least 10 AFI States with lack of FSO to be assisted 	<p>A Project proposal developed and to be presented by the Secretariat as DP/07 for the SC's consideration.</p>
Encourage at least half of African States to delegate certain oversight functions to RSOOs (Ref AFI DGCA/6)	<ul style="list-style-type: none"> • Regional Offices to continuously engage States and Champion DGs on this subject • State Letters • High level engagements 	<ul style="list-style-type: none"> • Leveraging on Champion DGs, engage States in AFI Region to delegate complementary functions to RSOOs 	<p>Dialogue with Champion DGs has continued.</p> <p>To be addressed within the context of the Strategic Plan for the strengthening of RSOOs in the AFI region. States being encouraged to sign MOUs with RSOOs.</p>

Provide Safety Inspectors training courses	Coordinate delivery of training for Safety Inspectors:- <ul style="list-style-type: none">• Airworthiness Inspector courses.• Operations Inspector courses.• Personnel Licensing Inspector courses.• Air Navigation Services Inspector courses.• Aerodrome certification course	<ul style="list-style-type: none">• Identify priority and needy States for AFI Plan training sponsorship.• At least 1 Course in each specialty	Most of the training was conducted by FAA during the period under review. Therefore, part of it rescheduled to be delivered in 2018 to avoid duplication of effort.
Focus Area 2 - Direct support to States to resolve identified deficiencies			
Initiative	Activity	Target for 2017	Status as at Nov 30 2017
Assist States to resolve SSC(s)	<ul style="list-style-type: none">• Continue implementation ICAO Plans of Actions through ROSTs activities• Follow up on the implementation of revised/existing ICAO Plans of Action and establish new ones with additional States as may be required	No SSC	<ul style="list-style-type: none">• Angola and Djibouti SSCs resolved• 2 SSCs remaining in two States, namely Eritrea and Malawi
Assist States to improve EI	<ul style="list-style-type: none">• Continue implementation through ROSTs activities• Follow up on the implementation of revised/existing ICAO Plans of Action and establish new ones with additional States as may be required	80 % of African States above 60% EI.	29 African States i.e. 56% are above 60% EI 36 States with ICAO Plans of Action.
Assist States to certify all international Aerodromes	<ul style="list-style-type: none">• Continue implementation of the Aerodrome certification Projects for 17 States	45 % of international Airports certified	24 % of International Airports certified
Assist States to establish a mechanism to ensure independent Aircraft Accident and Serious Incident Investigation	<ul style="list-style-type: none">• Support States through ROST and Implementation of ICAO Plans of Action	70 % States with independent Aircraft accident and incident investigation entity/mechanism	A Project proposal developed and to be presented by the Secretariat as DP/07 for the SC's consideration

<p>Assist all States above 60% to start Implementing SSP</p> <p>Assist States to establish effective SAR organization</p>	<ul style="list-style-type: none"> • Implement SSP Project for 25 States • Continue implementation of SAR Projects for 30 States 	<p>25 States to be assisted by the Project in conducting Gap Analysis and Development of appropriate implementation plans and Benchmark of progress;</p> <p>30 States to develop an effective SAR operational organization</p>	<p>Assistance ongoing and reported in DP2</p> <p>Assistance ongoing and reported in DP2</p>
Focus Area 3 – Enhance aviation safety culture and information exchange among African States and service providers			
Initiative	Activity	Target for 2017	Status as at Nov 30 2017
<ul style="list-style-type: none"> • Aviation Service Providers to Develop and Implement their Respective Safety Management System (SMS) ✓ International Airports ✓ Air navigation 	<ul style="list-style-type: none"> • Design SMS project to support Airports • Design SMS project to support ANS Providers 	<p>Approved Project</p> <p>Approved Project</p>	<p>Reprioritized as per the Decision of the 19th SC meeting. AIG and FSO given priority and presented to the SC as DP/07</p> <p>Reprioritized as per the Decision of the 19th SC meeting. AIG and FSO given priority and presented to the SC in DP/07</p>

<ul style="list-style-type: none"> • Assist to establish and conduct ANS peer review mechanism • Aviation Training Roadmap for Africa • Abuja Safety Targets 	<ul style="list-style-type: none"> • Continue implementation of ANSP peer review Project • Coordinate the Review and finalization of the Aviation Training Roadmap • Coordinate the revision of the Abuja Safety Targets 	<p>Peer review mechanism established</p> <p>Approved Aviation Training Roadmap for Africa</p> <p>Revised aviation safety targets</p>	<p>Progress so far reported in DP2</p> <p>AATO to present the progress made so far in DP4</p> <p>AFCAC to present the proposed revised Targets in DP3</p>
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