



- to achieve 10% unit reduction annually in the lack of effective implementation of the critical elements of AFI States' safety oversight system;

AFCAC, through the AFI-CIS Program, is continuing its support to AFI States to enhance their effective implementation on aviation safety. This program has proven to be an effective tool to resolve identified deficiencies within a reasonable time period. The Scheme provides African States with an opportunity to share the limited human resources as they collaboratively promote aviation safety. Since its inception in year 2012, at least twenty-five (25) States benefited from AFI-CIS missions and most of them had their SSCs resolved successfully.

## 2. DISCUSSION

For the period 2016 to 2018, AFCAC implemented the AFI-CIS Program consistent with the approved Work Programme and as a result, the following were achieved:

- a) Six (6) missions were conducted in Congo, Senegal, Chad, Sao Tome and Malawi;
- b) Programme was expanded to cover ANS and AGA; and
- c) One refresher course was conducted for the approved inspectors.

At the inception of AFI CIS in year 2012, there were at least 22 Significant Safety Concerns (SSCs) in the AFI region and yet by October 2018 only two (2) SSCs remained. The AFI CIS program was a key contributor to this positive result.

## 3. MAIN CHALLENGES

Challenges encountered during the triennium include:

- As the scheme is available upon request, States are not requesting for technical assistance in order to benefit from the AFI-CIS missions;
- To expand the pool of inspectors to sufficiently cover all geographical regions;
- To keep the current approved pool of inspectors current in terms of new technologies and equipment coming into the market;
- Each AFI CIS mission costs about US\$ 10,000 per week and some States find it a challenge to fund such missions;

## 4. AFI CIS ACTIVITY PLAN FOR 2019 TO 2021 TRIENNIUM

Beginning 2019 AFCAC, in collaboration with ICAO, plans to assist all AFI States below 30% EI to reach 60% or better. AFI-CIS will be used as the main tool to achieve this goal. Costs of each mission to a need State may either be borne by the beneficiary State or through AFI Plan Projects - AFI Fundamentals of Safety Oversight (FSO).

There are 11 beneficiary States that have so far been identified and their average EI is 17.71%. AFCAC, in the spirit of "No Country Left Behind" (NCLB), endeavors to bring these States up to 60% EI or better by end of 2019. So the 11 beneficiary States that have been identified for the 2019-2020 period are Burundi, Central African Republic, Comoros, Djibouti, Eritrea, Guinea, Guinea-Bissau, Lesotho, Liberia, Sao Tome & Principe, and Seychelles.

AFCAC plans to identify and train new AFI-CIS inspectors to ensure that there is even equal geographical coverage of qualified inspectors. OJT for certification/surveillance of new generation aircraft/helicopters and/or new airport facilities with modern CNS/ATM equipment will be provided. Table below provides a breakdown of the planned activities:

<b>Triennium</b>	<b>Activity</b>	<b>Cost</b>	<b>Key Deliverables</b>
1. 2019-2021	Conduct AFI CIS missions to 2 SSC States	US\$60,000	Resolve all SSCs in Africa by 2021
2. 2019 -2021	Conduct AFI CIS missions to 11 African States below 30% EI	US\$110,000	Achieve 60% EI or better for the 11 target States
3. 2020-2021	Identify 25 new AFI CIS Inspectors to have greater coverage	US\$60,000	To have at least 5 qualified AFI CIS inspectors in each geographical region
4. 2020-2021	Offer certification, surveillance OJT to new AFI CIS inspectors on new generation aircraft/helicopters and/or new airport facility with modern CNS/ATM equipment.	US\$80,000	At least 25 inspectors qualified on new generation aircraft and/or new airport facility with modern CNS/ATM equipment.
5. 2019 -2021	Provide 2 refresher courses for AFI CIS inspectors – (include SMS/SSP)	US\$60,000	At least 25 inspectors trained
6. 2019 - 2021	Provide type training for AFI-CIS inspectors for new generation aircraft e.g. Boeing 787; Airbus A350 etc.	Seek funding from partner organisations i.e. Airbus, Boeing, EASA, FAA etc.	At least 25 inspectors trained on new type aircraft
	<b>TOTAL</b>	<b>US\$370,000</b>	

## 5. CONCLUSION

The AFI-CIS program is an effective tool to resolve identified deficiencies within a reasonably short period. Support from key stakeholders such as ICAO, Boeing, Airbus, EASA, FAA and all AFCAC States will result in us resolving all SSCs by end of year 2018 and at the same time it can help all States with low EI to come up to a level equal to or above 60% EI by end year 2021.

## 6. ACTION REQUIRED

The Plenary is invited to:

- a) Note achievements under the AFI CIS programme for 2016 – 2018 triennium;
- b) Note challenges encountered during implementation of the programme;
- c) Request the AFI Plan to cover the expenditures of the AFI CIS activity plan for 2019-2021 triennium.
- d) Approve the Draft Resolution in Attachment.



## ATTACHMENTS WP/10/A

### DRAFT RESOLUTION ON SUPPORT OF THE AFI-CIS PROGRAMME

#### *The Plenary;*

**Considering**, the strategic importance of the AFI-CIS programme in aviation safety and its impact on air transport development in Africa;

**Considering**, that the programme was established to assist African States to achieve 10% unit reduction annually in the lack of effective implementation of the critical elements of AFI States' safety oversight system;

**Considering**, that common challenges among AFCAC member States have been identified in aviation safety oversight and operational areas;

**Expressing**, profound appreciation to the significant contributions made by the ICAO Comprehensive Regional Implementation Plan for Aviation Safety in Africa (AFI Plan);

**Mindful**, of the political commitment of African Union on supporting safety initiatives through which African States, donor States, organizations and industry coordinate their activities with a view to ensuring the effective implementation of the Standards and Recommended Practices;

**Commending**, States which designated Aviation Safety Experts and Instructors to the roster of a team of experts established to provide technical assistance to States in need;

**Commending**, AFCAC for its initiative taken and on its accomplishments to assist States with SSCs in resolving deficiencies observed from USOAP-CMA audit results;

**Recognizing**, AFCAC collaborative works with Partners in capacity building measures and exchange of experiences through the use of Experts from member States;

**Calling**, upon States to cooperate with AFCAC as the latter designates additional Experts for the Cooperative Scheme and those that need technical assistance benefit from such a mechanism through signings of the MoU;

**Mindful**, that a considerable number of African States are still below 30% EI;

**Concerned**, by the funding and human resources capacity building challenges that the AFI CIS programme encountered in the 2016 to 2018 triennium;