INTERNATIONAL CIVIL AVIATION ORGANIZATION

Sixteenth Meeting of AFI ATS Incident Analysis Group (AIAG/16)

(06-07 March 2019, Johannesburg, South Africa)

Agenda Item 1: Progress Report on the Implementation of the Recommendations and Performance Targets of the Fifteenth AIAG Meeting (Johannesburg, March 2018)

(Presented by Angola)

SUMMARY
This Information Paper presents the current status of Review of Airspace Organization and VIP Procedures, as well as the Refresher training Programme

1. INTRODUCTION

1.1 Angola air navigation Service provider ENANA was seriously engaged in implementation of the Luanda ADS-C/CPDLC system in the Luanda Oceanic Airspace in order to provide surveillance service and availability of data link communication, as well as Luanda CAFSAT Station at the International Airport "4 de Fevereiro" with the view to provide availability of communication service through ATS/DS voice and AFTN/AMHS data circuits between Atlântico and Luanda ACCs.

1.2 **Current Status of Implementation of ADS-C/CPDLC system**

ADS-C/CPDLC system was implemented, and It is fully operational since September, 2015.

1.3 **CAFSAT Station**

VSAT station in Luanda was implemented and integrated in the CAFSAT international satellite communications network of the EUR / SAM corridor, which

currently interconnects the flight information regions in charge of the navigation service providers Portugal, Morocco, Mauritania, Senegal, Cape Verde, Brazil, Argentina and South Africa for voice and data communication between their Control Centers.
The Voice (ATS / DS) channel was successful established with Recífe and the DATA channel with Lisbon (messaging service), thus improving communications for air traffic coordination in Luanda FIR in the oceanic part.

The equipment is on Trial Basis from 17th February to 16th May 2019.

1.4 Replacement of the old ILS system at Luanda Airport

ENANA was seriously engaged in replacing the old and unserviceable ILS system. The new ILS CAT II system was implemented at Luanda Airport.
It was on Trial Basis from October , 10th , 2017 to January , 10th , 2018, and now , It is fully operational since January, 10th, 2018.

1.5 Review of Luanda FIR Airspace Organization

Studies have being accomplished in order to review Airspace organization, with implementation of SID and STAR in the Luanda TMA, as well as to implement the new ATM procedures in view of New Luanda Airport Procedures to be combined with the Old Airport.

1.6 Review of VIP Procedures

On January 2019, VIP Operational Procedures were review and updated on all Luanda Air Traffic Control Units. (A/D; APP and ACC).

1.7 Controller Refresher, Recurrance training and English training

During 2018, 22 aerodromes Controllers (9 for Catumbela, 7 for Cabinda and 6 for Lubango) were given a refresher training.

During 2018, 46 Area Controllers and 6 Approach Controllers were given a refresher training in Nairobi (EASA School – East African School of Aviation).

During 2018, 6 Approach Controllers attended and successfully concluded the Area Procedural Course at EASA School in Nairobi, Kenya.

During 2018, 6 Aerodrome Controllers attended and successfully concluded the Approach Procedural Course at ATNS in Johannesburg, South Africa.

1.8 JoTA (Atlantic Technical Jorneys) Meeting

Angola organized the second JoTA meeting, which was held in Luanda, from 27th to 28th of September 2018.

The main objective was to strengthen technical cooperation ties and deepen the institutional relations between the Air Navigation Services Providers of the Countries located in the FIR of the SAT (**South Atlantic**) Region.

1.9 Planning for this year (2019)

1.9.1 It has been planned to send to the EASA School, 28 Approach Controllers for refreshment course.

1.9.2 It has been planned to send to the EASA School, 22 Aerodrome Controllers for Approach Procedural Course.

1.9.3 It has been planned internally 21 Operators for Aerodrome Flight Information Services, for refreshment course.

1.9.4 It has been planned to send to Seychelles 6 Controllers for ADS-C/CPDLC course.

1.9.5 **CNMC/9, SAT/FIT/14 and SAT/24 MEETINGS**

Angola will organize the Ninth Meeting of the CAFSAT Network Management Committee **(CNMC/9)** and the Fourteenth Meeting of the FANS1/A Interoperability Team (**SAT/FIT/14**) and the Twenty fourth meeting on the improvement of Air Traffic Services over the South Atlantic **(SAT/24)**, 3 to 7 July 2019.
The main objectives of the meetings are to explore ways and means to further enhance the provision of air traffic services in the South Atlantic through the

established interregional coordination mechanism, as well as, to review important aspects as the performance of the CAFSAT VSAT network, to review the implementation of ADS-C/CPDLC and the monitoring performance of FANS services in the SAT Region.

2. CONCLUSIONS

The meeting is invited to take note of the information presented by this information paper.