



Launching of a Project for the Certification of Aerodromes in the ESAF Region (Nairobi, Kenya, 22 August 2016)

Presentation, Assistance and Benefits of the AFI Plan Aerodrome certification Project

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Outline

- AFI Plan Background
- Abuja Safety Targets
- AFI Plan Project for Certification of Aerodromes in the ESAF Region
 - ✓ Concept
 - ✓ Implementation





AFI Plan Background

- **AFI Plan** – Comprehensive Regional Implementation Plan for Aviation Safety in Africa
- **Establishment:** The AFI Plan was adopted by the 36th ICAO Assembly (Resolution A36-1) in 2007.
- **Principal Objectives:**
 - ✓ Strengthen civil aviation authorities with respect to their safety oversight capabilities;
 - ✓ Increase compliance with ICAO SARPs and industry's best practices;



AFI Plan Background

- ✓ Increase the number of qualified personnel at the industry and oversight levels;
- ✓ Improve the quality of inspectors and other civil aviation staff through training;



AFI PLAN IMPLEMENTATION

- **Focus Areas**
- ✓ Enable States to establish and maintain an effective and sustainable safety oversight system;
- ✓ Assist States to resolve identified deficiencies within a reasonable time; and
- ✓ Enhance aviation safety culture of African aviation service providers.



AFI PLAN IMPLEMENTATION

- **Evolution:**
- ✓ **PHASE 1, 2008-2010:** Gap Analysis; priorities of sub-regions; Building African Capabilities and capacity to meet national and international compliance requirements through provision of training.
- ✓ **PHASE 2, 2011-onwards :** Direct assistance to States to resolve identified deficiencies including SSCs; Establishment & strengthening of RSOOs; Intensify safety-related Training; Implementation of ICAO Plans of Action to address deficiencies & **attain Safety Targets of 2012 Abuja Ministerial Conference**



Abuja Safety Targets

- Establish and strengthen autonomous CAAs by **Dec 2013**;
- Reduce runway related accidents and serious incidents by 50% by the end **of 2015**;
- Reduce controlled flight into terrain (CFIT) related accidents and serious incidents by 50% by the end of Dec 2015;
- Reduce Loss of Control related accidents/serious incidents by 50% by the end of 2015;



Abuja Safety Targets

- Resolve existing SSCs by July 2013 and newly identified SSCs within 12 months;
- Increase EI of all African States to **world average** by the end of 2017;
- **Certify all International Aerodromes by the end of 2015;**
- Implement SSP and SMS by end 2015;
- Require African airlines to complete IOSA by end 2015.

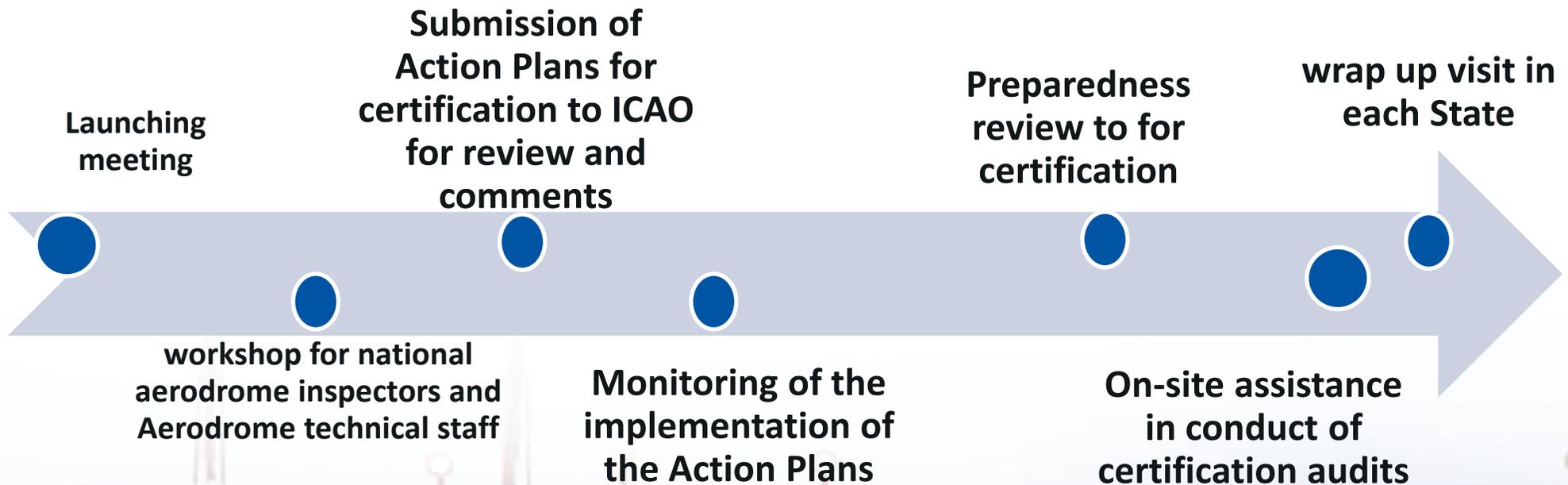


General

- **Title:** Assistance in the certification of international aerodromes
- **Beneficiary States:** Angola, Mozambique, Namibia, Rwanda, Seychelles, Swaziland, Uganda and Zambia- Botswana and Madagascar on cost recovery basis
- **Objective:** Certify one international aerodrome in each State
- **Duration:** 12 months
- **Funding:** AFI Plan budget
- **Estimated cost:** US\$ 72,886
- **Implementation agencies:** ICAO/States/RSOOs/ACI /AFI-CIS/ ...



Project phases





Launching meeting

- **Purpose:** Sensitize States on the objectives of the project, adopt the project document and get the commitment of top management.
- **Date and venue:** 22 August 2016 at the ICAO-ESAF Regional Office Nairobi, Kenya
- **Participants:** Beneficiary and donor States, Organizations (CASSOA, SASO, AFCAC, FAA, ASECNA, ACI, IATA, EAC, SADC, IGAD, AfDB, NEPAD ...)



Familiarization workshop

- **Purpose**
 - Familiarize Experts and the technical personnel of States with procedures and tools implemented by States that have already certified an airport
 - Give orientations on the project implementation and assignment of tasks
- **Date and venue**
 - from 23 to 26 Aug. 2016 Nairobi, Kenya
- **Participants:** Experts and technical personnel from beneficiary and donor States and Organizations (CASSOA, SASO, ACI, IATA, Etc.)



Submission of the action plans

- **Purpose:** Develop a programme for each State for the certification of its aerodrome based on the action plan submitted.
- **Components of the action plan:**
 - **CAA:** organization (establishment), regulations, procedures and tools
 - **Operator:** organisation, aerodrome manual, procedures, documentation et maps. Action plan related to the implementation of the APEX review recommendations
- **Deadline:** 15 September 2016
- **Responsibility:** Beneficiary States



Monitoring of the implementation

- **Purpose:** Ensure effective implementation of agreed action plans and certification programmes.
- **Activities:**
 - Assign to each Expert States for the monitoring
 - Remotely monitoring by Experts of the implementation of the action plans
 - States to forward to ICAO, monthly reports on the progress in the implementation of action plans
- **Duration:** 5 months
- **Responsibility:** Beneficiary States, ICAO-ESAF Regional Office, Project Team



Preparation for certification

- **Purpose:** Review the implementation of action plans and assist States as may be required
- **Activities:**
 - On site mission of one Expert in each State
 - Review of operator's activities, including aerodrome visit
 - Preparation of the State for the certification audit
- **Duration:** 3 days per State
- **Responsibility:** Beneficiary States and Project Team



Conduct of certification audits

- **Purpose:** Assist States in the conduct of certification audits
- **Activities:**
 - On site mission of one Expert of the Project team in each State
 - Assistance in the conduct of the certification audit
- **Duration:** 5 days per State
- **Responsibility:** Beneficiary States and Project Team





Review of the certification process

- **Purpose:** Conduct a wrap up of the whole certification process to ensure its compliance with SARPs
- **Activities:** On site mission of the ICAO-ESAF RO/AGA in each State
- **Duration:** 2 days per State
- **Responsibility:** Beneficiary States and ICAO



The Project Team

Composition of the Project Team:

- The Regional Officer – AGA of the ICAO-ESAF Office
- Experts (appointed by ICAO) from States that have certified at least one aerodrome (Ethiopia, Kenya and South Africa; and any other State on a cost recovery basis). Experts shall come from CAAs and aerodrome Operators
- Aerodromes Expertise from AFI-CIS, ACI, RSOOs, Etc.



Beneficiary States personnel

Qualifications/experience criteria : Qualification in one of the aerodromes technical areas (civil engineering, electrical engineering, firefighting services, SMS, wildlife hazard management, aerodrome operations)

Need to appoint coordinators for the whole certification process:

- Focal point for the CAA : an aerodrome inspector
- Focal point for the aerodrome operator: Aerodrome Safety/OPS



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THANK YOU