EASA
European Union Aviation Safety Agency

15th TWG EU-ASSP II ZAMBIA PROJECT

23 July 2021

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State Safety Programme

Update

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Activities Completed

- Review of Priorities
  - Revisit and Update the Maturity Model completed during previous project
  - Response to all USOAP Protocol Questions with every Technical area
  - Update of SSP Implementation Plan

Activities Completed

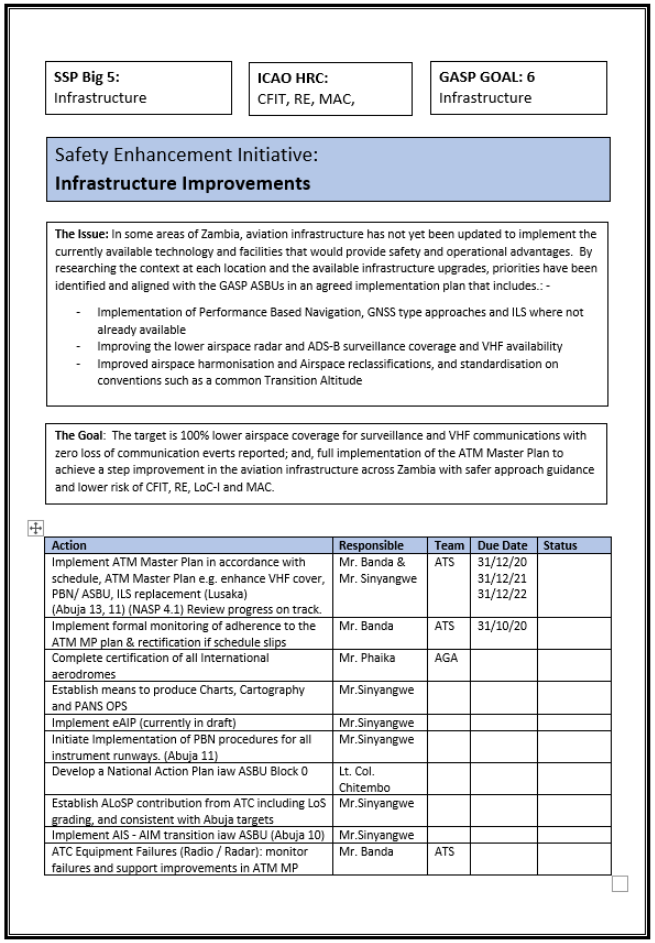
- AIG – CAA Interface Protocols
  - Meeting with AIG – CAA to discuss interface
  - AIG to share draft MoU with CAA
  - Further meetings planned to agree full MoU detail and identify further actions

Activities Completed

- National Aviation Safety Committee first meeting held
- Review and update of Zambia Acceptable Level of Safety Performance (ALoSP)
- Progress on Safety Projects (variable due to COVID)

Progress on Safety Improvement Projects

- All
  - Human Performance
  - Safety Data
- Airport:
  - Runway Safety
  - Bird-strikes
  - Runway Friction
  - Runway Pavement
- Airworthiness
  - Maintenance
- Flight Ops
  - SOPs
- Air Traffic
  - Infrastructure
  - Adverse Weather
  - ATC Co-ordination
  - ATM Master Plan



SSP Big 5:	ICAO HRC:	GASP GOAL: 6
Infrastructure	CFIT, RE, MAC,	Infrastructure

Safety Enhancement Initiative:
Infrastructure Improvements

The Issue: In some areas of Zambia, aviation infrastructure has not yet been updated to implement the currently available technology and facilities that would provide safety and operational advantages. By researching the context at each location and the available infrastructure upgrades, priorities have been identified and aligned with the GASP ASBUs in an agreed implementation plan that includes.: -

- Implementation of Performance Based Navigation, GNSS type approaches and ILS where not already available
- Improving the lower airspace radar and ADS-B surveillance coverage and VHF availability
- Improved airspace harmonisation and Airspace reclassifications, and standardisation on conventions such as a common Transition Altitude

The Goal: The target is 100% lower airspace coverage for surveillance and VHF communications with zero loss of communication everts reported; and, full implementation of the ATM Master Plan to achieve a step improvement in the aviation infrastructure across Zambia with safer approach guidance and lower risk of CFIT, RE, LoC-I and MAC.

Action	Responsible	Team	Due Date	Status
Implement ATM Master Plan in accordance with schedule, ATM Master Plan e.g. enhance VHF cover, PBN/ ASBU, ILS replacement (Lusaka) (Abuja 13, 11) (NASP 4.1) Review progress on track.	Mr. Banda & Mr. Sinyangwe	ATS	31/12/20 31/12/21 31/12/22	
Implement formal monitoring of adherence to the ATM MP plan & rectification if schedule slips	Mr. Banda	ATS	31/10/20	
Complete certification of all International aerodromes	Mr. Phaika	AGA		
Establish means to produce Charts, Cartography and PANS OPS	Mr.Sinyangwe			
Implement eAIP (currently in draft)	Mr.Sinyangwe			
Initiate Implementation of PBN procedures for all instrument runways. (Abuja 11)	Mr.Sinyangwe			
Develop a National Action Plan iaw ASBU Block 0	Lt. Col. Chitembo			
Establish ALoSP contribution from ATC including LoS grading, and consistent with Abuja targets	Mr.Sinyangwe			
Implement AIS - AIM transition iaw ASBU (Abuja 10)	Mr.Sinyangwe			
ATC Equipment Failures (Radio / Radar): monitor failures and support improvements in ATM MP	Mr. Banda	ATS		

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Plan of New Schedule

Practical Developments

Schedule for EU / Zambia SSP Project During 2021

Date	Activity	Lead	Participants
14/06/21	Review SSP Implementation Plan & Maturity Assessment	LL/HC	-
18/06/21 Various	**Review PQ Compliance with AIR, OPS, PEL, ATS, AGA, SDA, GEN, AIG**	LL/HC	Department Specialists
23/06/21	Discuss SPIs & Update ALoSP	LL/HC	-
24/06/21	Identify Gaps & Next Steps / Actions	LL/HC	SSP IT
02/07/21	Workshop on Human Factors & COVID Restart Experiences (Reschedule)	HC	SSP IT
08/07/21	SSP Refresher Briefing Internal Aviation Safety Committee (Reschedule)	HC	SSP IT, Chiefs & Directors
13/07/21	**National Aviation Safety Committee initial meeting**	LL/GL	ZCAA, MoT, AIG
20/07/21	Discuss documentation requirements, plan work	LL/HC	-
21/07/21	**Accident Protocols first meeting, agree principles**	LL/HC	ZCAA, AIG
22/07/21	Progress review on 12 Project Sheets	LL/HC	SSP IT members
23/07/21	**15th TWG EU-ASSP II ZAMBIA PROJECT**	EASA	LL/HC
29/07/21	**SPI Workshop (Internal)**	HC	SSP IT
10/08/21	**Practical Auditing of SMS**	HC	SSP IT
19/08/21	SPI Workshop (Joint Industry and ZCAA)	HC	SSP IT, Industry
24/08/21	**Runway Safety Workshop (Internal)**	HC	SSP IT, Industry
02/09/21	Accident Protocols second meeting, refine principles / text	LL/HC	ZCAA, MoT, AIG
09/09/21	Review of SSP IP and update / plan next priorities	LL/HC	SSP IT
30/09/21	Virtual Conference on Runway Safety with Industry	LL/HC	SSPIT/ Industry

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Thank You

Any Questions

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