



Third AFI Aviation Week Safety Symposium

Malabo, Equatorial Guinea, 28 June 2016

AFI Air Navigation Services Key Performance Indicators

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Chairperson of the APIRG





Plan

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 - AFI Plan Steering Committee Decisions & Recommendations
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- Presentation of AFI ANS Key Performance Indicators and Targets adopted by APIRG
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Introduction

AFI Plan Steering Committee

Adoption of AFI Air Navigation Performance Indicators and Targets

- AFI Plan SC14:
 - The AFI Plan Secretariat is to present the Air Navigation Performance Indicators approved by the 14th Steering Committee meeting, to the next APIRG meeting, for the development and adoption of the associated targets.
- AFI Plan SC14:
 - AFCAC is encouraged to coordinate with the African Union for the endorsement of the AFI Air Navigation Performance Indicators and Targets to be adopted by APIRG.



Introduction

ANS Key Performance Indicators and Targets

(APIRG Decision 20/04)

That:

- a) The institutional and regional ANS key performance indicators (KPIs) and targets at **Appendix 2.2A** to the (APIRG/20) report are adopted by APIRG;
- b) The Secretariat is requested to present the adopted ANS key performance indicators and targets to the 3rd RASG-AFI Meeting for information and the AFI Plan for endorsement and gradual implementation; and
- c) **The Secretariat should continue the development of appropriate targets for ASBU Block 0 modules and regional performance objectives KPIs for adoption by APIRG and report progress to APIRG through the Project Coordination Committee (APCC).**



No.	Targets	2016	2017	2018	2019	2020
1	Reduce the number of loss of separation occurrences due to ANS infrastructure deficiencies by 50%					
2	Reduce the number of aircraft accidents related to ATM safety by 50%					
3	Reduce the number of uncoordinated flights by 50%					
4	Implement ICAO Aviation System Block Upgrades (ASBUs)					
5	Reduce CO2 Emissions					
6	Assess and manage risks					
7	Integrate ANS systems by 31 December 2018					
8	Increase harmonization between ANS operations and regulations by 31 December 2016					



TARGETS	2016	2017	2018	2019	2020	AGA	ATM	AIM	SAR	CNS	MET
OPERATIONAL TARGETS BY 31 DECEMBER 2020											
1. Reduce the number of loss of separation occurrences due to ANS infrastructure deficiencies by 50%	X	X	X	X	X		X			X	
2. Reduce the number of aircraft accidents related to ATM safety by 50%	X	X	X	X	X		X				
3. Reduce the number of uncoordinated flights by 50%											
INSTITUTIONAL TARGETS 100% BY 31 DECEMBER 2018											
At national level											
4. Implement ICAO Aviation System Block Upgrades (ASBUs)											
• Implement Priority ASBU Block-0 Modules by 2018	X	X	X			X	X	X	X	X	X
• Establish and update national PBN plans by 2016	X						X				
• Implement all applicable elements of PBN by 2018	X	X	X				X				
• Implement Continuous Descent Operations/Continuous Climb Operations (CDO/CCO) by 2018	X	X	X				X				
5. Reduce CO ₂ Emissions											
• Establish CO ₂ emissions reduction action plans by December 2016	X						X				X
• Implement mitigation measures	X	X	X				X				X
6. Assess and manage risks											
• Establish effective and operational Search and Rescue (SAR) organization by 31 December 2016	X								X		
• Establish aerodrome emergency plans	X	X	X			X					
• Establish wildlife management systems	X	X	X			X					
• Establish ANS human resource management system	X	X	X			X	X	X	X	X	X
At regional level											
7. Integrate ANS systems by 31 December 2018											
• Implement digital ATS coordination	X	X	X				X			X	
• Implement en-route data link applications	X	X	X				X			X	
• Implement ANS Quality Management Systems (QMS)	X	X	X					X			X
8. Increase harmonization between ANS operations and regulations by 31 December 2016											
• Implement seamless ANS along Air Traffic Flows (AFI Single Sky)	X					X	X	X	X	X	X



Way forward

- APIRG/20 Report published (ICAO website and State Letter)
- Establishment and Operationalization of APIRG New Structure
 - Bureau Meeting held on 2-3 June 2016 and general orientation/guidance provided to the Secretariat as to the next steps
 - Amendment to Procedural Handbook completed
 - Establishment of New Sub-groups (July/September 2016)
 - Project formulation/catalogue (under development)
 - Convene the first Meeting of APIRG Project Coordination Committee (APCC/1) (during last Quarter 2016)
- Convene a continental ANSP Meeting on Peer Review Initiative (launched by the President of ICAO Council)
 - In coordination with AFI Plan, ASECNA & ATNS
- Coordination with RASG-AFI and AFI Plan support to implementation of selected ANS projects in line with ANS Key Performance Indicators
- Development of First APIRG Annual Report as per ICAO Global Air Navigation Plan.



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Central American
and Caribbean
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Mexico City

South American
(SAM) Office
Lima

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Headquarters
Montreal

Western and
Central African
(WACAF) Office
Dakar

European and
North Atlantic
(EUR/NAT) Office
Paris

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(ESAF) Office
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(APAC) Office
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Thank You