



AFRICA AND MIDDLE EAST AVIATION SECURITY ROADMAP

***GASeP: The Roadmap to foster Aviation
Security in Africa and the Middle East***

Sharm El Sheikh, Egypt, 22-24 August 2017

**REGIONAL MINISTERIAL CONFERENCE ON AVIATION SECURITY IN AFRICA AND
THE MIDDLE EAST
(SHARM EL SHEIKH, EGYPT, 22 – 24 AUGUST 2017)**

AFRICA AND MIDDLE EAST AVIATION SECURITY ROADMAP

1. The Africa and Middle East Aviation Security Roadmap, endorsed by the Ministerial Conference on Aviation Security (Sharm El Sheikh, Egypt, 22-24 August 2017) forms the basis for the work to be carried out by the relevant regional AVSEC/FAL Groups, in line with the Global Aviation Security Plan (GASeP).
2. **Appendix A** of the Roadmap sets out aviation security actions/tasks, responsibilities, and projected outcomes under the following six (6) key priorities:
 - Enhance risk awareness and assessment;
 - Develop security culture;
 - Develop human capability in Aviation Security;
 - Improve technological resources and encourage innovation;
 - Improve oversight and quality control; and
 - Increase regional cooperation and support
3. Most of the above-mentioned key priorities are derived from the Global Aviation Security Plan (GASeP), which was reviewed by the ICAO Council at the seventh meeting of its 211th Session on 16 June 2017, and transmitted to States and international organizations on 11 July 2017 for comments.
4. This Roadmap is a “living” document aligned with the GASeP, and takes into consideration the following AVSEC Declarations endorsed in the AFI and MID Regions:
 - Windhoek Declaration on Aviation Security and Facilitation, endorsed on 7 April 2016
 - Riyadh Declaration on Aviation Security and Facilitation, endorsed on 31 August 2016 in Riyadh, Kingdom of Saudi Arabia
 - Dubai Declaration on Cyber Security, endorsed on 4 April 2017 in Dubai, United Arab Emirates
5. The main objective of the AFI and MID AVSEC Roadmap is to assist and encourage AFI and MID States and stakeholders to work collaboratively towards effective implementation of agreed actions/tasks to achieve the objectives of the GASeP. The AFI and MID AVSEC Roadmap would bring the States and stakeholders in a holistic and coordinated effort to strengthen regional and inter-regional collaboration in aviation security.
6. With all States and stakeholders fulfilling their responsibilities relative to the Roadmap, the sustained level of secure and safe civil aviation operations would contribute towards preventing human, economic, financial and other losses. A strengthened aviation system would provide a conducive environment for economic growth and development in the AFI and MID States.
7. **Appendix A** of the Roadmap should be reviewed and updated in a coordinated manner by the

relevant Regional AVSEC/FAL Groups, through the ICAO Regional Offices taking into account specific regional existing and emerging aviation security threats, as well as the GASeP and its future amendments.

8. The relevant Regional AVSEC/FAL Groups, taking into consideration the provisions of the above-mentioned Declarations and the available resources of States, should develop detailed Action Plans to ensure the effective implementation of the Roadmap.
9. In support of the ICAO “No Country Left Behind” initiative, States should endeavour to provide assistance in implementing the Roadmap, as necessary, to other States in need.
10. States should determine and implement the relevant actions/tasks in a prioritized manner considering their greatest areas of risk. In order to assist with this prioritization, States may obtain information from the ICAO Global Risk Context Statement, ICAO USAP audit results, and feedback from the Regional Offices accredited to AFI and MID States.
11. The relevant Regional AVSEC/FAL Groups will work with the ICAO Regional Offices accredited to the AFI and MID States to collaborate with their States, international and regional Organizations, and industry stakeholders to support the effective implementation of the Roadmap.
12. The relevant Regional AVSEC/FAL Groups will work with the ICAO Regional Offices accredited to the AFI and MID States to monitor the implementation of the Roadmap and provide periodic progress reports to the relevant bodies, based on the feedback received from States regarding the implementation of the Roadmap.

The Ministers responsible for Aviation in Africa and the Middle East undertake to ensure the actions are implemented in all States in accordance with the detailed action plans to be developed by Regional AVSEC/FAL Groups:

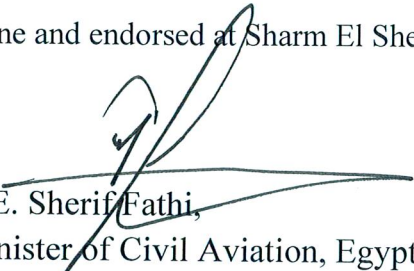
- **Enhance risk awareness and assessment.** Understanding risk is essential for policies and measures that are effective, proportionate and sustainable. Undertaking risk assessments will help to identify gaps and vulnerabilities, which can then be urgently addressed in the most practical way possible, and with optimal use of resources.
- **Develop security culture.** The promotion of effective security culture is critical to achieve good security outcomes. A strong security culture must be developed from the top management across and within every organization.
- **Develop human capability in aviation security.** The existence of a well-trained, motivated and professional work force is a critical prerequisite for effective aviation security.
- **Improve technological resources and encourage innovation.** Promoting and applying better technological solutions and innovative techniques can provide the tools for enhancing security effectiveness while ensuring operational efficiency.
- **Improve oversight and quality control.** Effective quality control and oversight processes globally, nationally, and locally are critical in delivering sustained effective aviation security.
- **Increase regional cooperation and support.** Increasing collaboration between and within States will enable the key security objectives to be achieved more quickly and efficiently.

**REGIONAL MINISTERIAL CONFERENCE ON AVIATION SECURITY IN
AFRICA AND THE MIDDLE EAST**

We, the African and Middle Eastern Ministers responsible for Civil Aviation, meeting in Sharm El Sheikh, Egypt, on 24 August 2017, on the occasion of the Regional Ministerial Conference on Aviation Security in Africa and the Middle East, endorse the Africa and Middle East Aviation Security Roadmap; and

Reaffirm the need to enhance the implementation of ICAO aviation security Standards and Recommended Practices, in order to address global aviation security matters from a regional perspective.

Done and endorsed at Sharm El Sheikh, Egypt, on 24 August 2017.



H.E. Sherif Fathi,
Minister of Civil Aviation, Egypt
Chairperson of the Regional Ministerial Conference
On Aviation Security in Africa and the Middle East

On behalf of the attending States from Africa and the Middle East

Done in Sharm El Sheikh, Egypt
On 24 August 2017

APPENDIX A

AFI and MID AVSEC ROADMAP - Priority Areas, Tasks and Outcomes

<i>PRIORITY</i>	<i>ACTIONS/ TASKS</i>	<i>RESPONSIBILITY</i>	<i>PROJECTED OUTCOME</i>
<i>ENHANCE RISK AWARENESS AND ASSESSMENT</i>	Promotion of risk awareness through workshops and seminars	ICAO, States, Industry	Effective security risk assessment methodology established by States.
	Review of reports of the USAP CMA audit results to determine prevailing deficiencies	ICAO, States	Enhanced Effective implementation of Critical Elements of State Security oversight systems (EI)
	Perform national and regional risk assessments to determine threat level.	States and Regional AVSEC/FAL Groups	Effective implementation of preventive security measures
	Identify cybersecurity threats and formulate mitigation measures	States, Industry	Cybersecurity mitigating measures put in place
	Evaluate emerging risks associated with Remotely Piloted Aircraft Systems (RPAS).	ICAO, States, Industry	Secure RPAS operations are achieved and maintained
	Evaluate threats associated with MANPADS risks	ICAO, States	Measures to mitigate risks associated with MANPADS put in place
	Identify and implement measures to counter possible threats related to landside security	States	Measures to mitigate risks associated with Landside security threats put in place
	Put in place mitigating measures against insider threats	States	Measures to mitigate risks associated with insider threats put in place
<i>DEVELOP SECURITY CULTURE</i>	Promote development of security awareness programmes that effectively promote a positive security culture	ICAO, States, Industry	Seminars, conferences and courses are organized, as appropriate Security awareness programmes are developed and incorporated in NCASTP for implementation Security culture enhanced
	Ensure that the national programmes for quality control have provisions to effectively monitor implementation of security culture.	States	Effective allocation of security resources
	Encourage reporting culture in all security related incidents by all stakeholders	States, Industry	AVSEC incidents are promptly reported
	Consider the possibility of introducing incentives for those who provide information on security incidents	States	Reduction in security incidents
<i>DEVELOP HUMAN CAPABILITY IN</i>	Ensure sufficient funding is provided for a robust, trained and motivated security workforces.	States	Work force professionalized Improved work performance

<i>PRIORITY</i>	<i>ACTIONS/ TASKS</i>	<i>RESPONSIBILITY</i>	<i>PROJECTED OUTCOME</i>
<i>AVIATION SECURITY</i>	Encourage Aviation Security Training centers (ASTCs) to share resources including curriculum development, instructors and exchange programmes	ICAO, AATO, States	Optimal utilization of resources Improvement in quality of training Effective implementation of SARPS
	Support development of training material on new and emerging threats	ICAO, States, Industry	Mitigation against new /emerging threats
<i>IMPROVE TECHNOLOGICAL RESOURCES AND ENCOURAGE INNOVATION</i>	Conduct outreach activities to promote the use of appropriate technology, including human factors considerations	ICAO, States, Industry	Increased identification of threat items, and persons of interest
	Establish detailed threat identification for each type of security equipment	States	Effective implementation of security procedures
	Assess available technologies for each type of security equipment	States, Industry	Effective implementation of security procedures
<i>IMPROVE OVERSIGHT AND QUALITY CONTROL</i>	Support the implementation of the Windhoek Ministerial targets and action plan (Short, medium and long term)	ICAO, States, industry	Improved EI of CEs by Regional States
	Support the implementation of the Riyadh Ministerial targets and action plan (Short, medium and long term)	ICAO, States, industry	Improved EI of CEs by Regional States
	Establish a framework to enable rectification of gaps identified under USAP-CMA and implement immediate response measures	States	Improved EI of CEs by Regional States
	Analyse national quality control data to identify implementation issues that are systemic and require attention at a foundational level	States	Effective implementation of airport security programmes
	Encourage the development of action plans and identification of possible channels of assistance, training or knowledge transfer in support of USAP-CMA audits	ICAO, States, industry	Improved EI of CEs by Regional States
<i>INCREASE REGIONAL COOPERATION AND SUPPORT</i>	Coordinate the implementation of the various regional declarations in the field of aviation security	ICAO	Harmonized approach to the implementation of SARPs
	Encourage participation by and support from the Regional Bodies to implement AVSEC projects	ICAO, Regional Bodies	Availability of resources to support implementation of AVSEC programmes
	Solicit support from African Union Commission and its technical body for Aviation security	ICAO, ACAC AFCAC, AUC	Effective coordination of AVSEC programmes
	Ensure that a Regional Database of aviation security training centres and experts is established and maintained by the Regional AVSEC/FAL Groups	Regional AVSEC/FAL Groups	Additional resources available for training
	Encourage implementation of UNSC Resolution 2309 (2016) and GAsEP's objectives/Roadmap to local entities involved in AVSEC	ICAO	Increased awareness on UNSC 2309 provisions and enhanced aviation security given priority within each State

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