



International Civil Aviation Organization

Seventh Meeting of the Aerodrome Safety, Planning & Implementation Group

(ASPIG/7) (Riyadh, Saudi Arabia, 6-10 April 2025)

Agenda Item 3: Regional Performance Framework for Aerodrome Capacity and Efficiency

FOLLOW-UP ON ENDORSED CONCLUSIONS RELATED TO AERODROME CAPACITY AND EFFICIENCY

(Presented by the Secretariat)

SUMMARY

This working paper presents a follow-up on the implementation of endorsed Conclusions related to Aerodrome Capacity and Efficiency, as well as the actions undertaken by concerned stakeholders.

Action by the meeting is at paragraph 3.

REFERENCES

- ASPIG Reports
- MSG/6 Report
- MIDANPIRG/21 - RASG-MID/11 Report & previous reports
- ICAO GANP

1. INTRODUCTION

1.1 The Basic Building Block (BBB) framework represents the fundamental elements necessary for a robust and effective air navigation system. It consists of essential services required for international civil aviation operations in line with ICAO Standards.

1.2 The Advanced Surface Movement Guidance and Control System (A-SMGCS) is a modular system designed to support the safe, orderly, and expeditious movement of aircraft and ground vehicles at aerodromes. It adapts to varying levels of traffic complexity and visibility conditions, enabling operational safety regardless of controller line-of-sight.

1.3 Despite all stakeholders conducting their respective aerodrome operations as efficiently as possible, the lack of effective information sharing remains a key challenge. While limited coordination between ATC and ramp control may exist, operational units often function independently from the broader ATM network. The implementation of Airport Collaborative Decision Making (A-CDM) presents a solution by improving coordination and connectivity among all involved stakeholders.

2. DISCUSSION

2.1 The meeting is invited to review the progress and follow-up actions associated with the following endorsed Conclusions and Decisions:

Basic Building Blocks

MIDANPIRG CONCLUSION 18/24: STATES NEEDS FOR THE BBB-AOP IMPLEMENTATION

That, in order to support the implementation of the BBB for Airport Operations and prioritize the necessary technical assistance in line with the MID Region NCLB Strategy:

- a) States requiring assistance are urged to provide the ICAO MID Office, by March 2021, with their Needs for the BBB-AOP Implementation using the Table at Appendix 5.2J; and*
- b) States and stakeholders having the required experience and expertise are encouraged to volunteer to joint efforts with ICAO for the provision of necessary technical assistance.*

ASBU ACDM

MIDANPIRG CONCLUSION 18/27: MID REGION ACDM IMPLEMENTATION PLAN

That, by March 2021, concerned States (according to the applicability area included in the MID Region Air Navigation Strategy) be urged to:

- a) provide the ICAO MID Office with the contact details of their designated National ACDM Implementation Focal Points; and*
- b) populate the Questionnaire on ACDM Implementation Plan, using the template at Appendix 5.2K.*

2.2 The meeting may wish to note that the MIDANPIRG/21 and RASG-MID/11 agreed to the following Decision:

PIRG/RASG DECISION 3: ESTABLISHMENT OF THE MID REGION ACDM TASK FORCE (MID ACDM-TF)

That, the MID Region Airport Collaborative Decision-Making Task Force (MID ACDM-TF) be established, subject to review and confirmation of ASPG/6, in accordance with the Terms of Reference at Appendix 2A.

2.3 The details related to the endorsed Conclusions on Aerodrome Capacity and Efficiency are at **Appendix A.**

3. ACTION BY THE MEETING

3.1 The meeting is invited to note the follow-up on the endorsed Conclusions and Decisions related to Aerodrome Capacity and Efficiency and take action as appropriate.

Conclusion ID #	conclusions and decisions	Why: concerns/challe nges/rationale	deliverables		When: Deadline	Last Revised Deadline	Drafted by	Endorsed by	status	Date of completion	Actions required by the State	States that didn't reply/take action yet	Remarks
			What: item(s)	Who: responsible									
CAPACITY & EFFICIENCY													
MIDANPIRG C 18/24	STATES NEEDS FOR THE BBB-AOP IMPLEMENTATION								Ongoing				
	That, in order to support the implementation of the BBB for Airport Operations and prioritize the necessary technical assistance in line with the MID Region NCLB Strategy: a) States requiring assistance are urged to provide the ICAO MID Office, by March 2021, with their Needs for the BBB-AOP Implementation using the Table at Appendix 5.2j ; and b) States and stakeholders having the required experience and expertise are encouraged to volunteer to joint efforts with ICAO for the provision of necessary technical assistance.	Monitor the MID States BBB-AOP Implementation needs	Survey on MID States BBB-AOP Implementation needs	States	Mar-20	18-Aug-21	ASPIG/2	MIDANPIRG/18		Action conduction on yearly basis	Complete the Questionnaire on MID States BBB-AOP Implementation needs	Libya, Oman, and Yemen	(Revised Date: due to the Pandemic Crisis the deadline has been extended to 2021)
MIDANPIRG C 18/25	AIRPORT PLANNING SEMINAR								Completed				
	That, ICAO organize an Airport Planning Seminar in 2022 and States are encouraged to participate actively in this event.	Prepare States to the upcoming requirements on Airport Master plan	Airport Planning Seminar	ICAO	Dec-22		ASPIG/2	MIDANPIRG/18		15-Sep-22	Participation to the event		At the Draft stage: This conclusion amended the DRAFT CONCLUSION 1/8: AIRPORT PLANNING SEMINAR (ref: ASPIG/1 Meeting Report)
MIDANPIRG C 18/26	A-SMGCS IMPLEMENTATION SEMINAR								Completed				
	That, a) ICAO organize an A-SMGCS Implementation Seminar/Workshop in 2021- 2022; and b) States are encouraged to participate actively in this event.	Ensure proper Implementation of the A-SMGCS on Aerodromes as part of the ASBU Block 0 SURF module of the GANP 6th Edition	A-SMGCS Implementation Seminar/Webinar	ICAO	Dec-22		ASPIG/2	MIDANPIRG/18		1-Feb-23	Participation to the event		At the Draft stage: This conclusion amended the DRAFT CONCLUSION 1/7: A-SMGCS IMPLEMENTATION SEMINAR (ref: ASPIG/1 Meeting Report)
MIDANPIRG C 18/27	MID REGION ACDM IMPLEMENTATION PLAN								Ongoing				
	MID REGION ACDM IMPLEMENTATION PLAN That, by March 2021, concerned States (according to the applicability area included in the MID Region Air Navigation Strategy) be urged to: a) provide the ICAO MID Office with the contact details of their designated National ACDM Implementation Focal Points; and b) populate the Questionnaire on ACDM Implementation Plan, using the template at Appendix 5.2K .	Ensure proper implementation of the ASBU Block 0 ACDM module of the GANP 6th Edition	List of MID States ACDM focal points & Survey on ACDM Implementation Plan	States	Mar-21	18-Aug-21	ASPIG/2	MIDANPIR/18			Provide State's ACDM focal Point & complete the Questionnaire on the State's ACDM Implementation Plan		Important Note : States concerned by this conclusion are : SAUDI ARABIA, EGYPT, IRAN, KUWAIT, OMAN, QATAR, SAUDI ARABIA & UAE as agreed and defined on the MID eANP
PIRG-RASG D 3/3	ESTABLISHMENT OF THE MID REGION ACDM TASK FORCE (MID ACDM-TF)								Completed				
	That, the MID Region Airport Collaborative Decision-Making Task Force (MID ACDM-TF) be established, subject to review and confirmation of ASPG/6, in accordance with the Terms of Reference at Appendix 2A .	Establish an interface between the Airports, the CAAs and ICAO MID Office to ensure the proper implementation of the ACDM	ACDM TF ToRs	States	Mar-24		ASPIG/5	MIDANPIG/21 RASG/11			Endorsed		Pending ToRs confirmation by the ASPIG/6