

SESAR		Active							ECAC+	
AOM13.1		Harmonise Operational Air Traffic (OAT) and General Air Traffic (GAT) Handling								
REG	ASP	MIL	APO	USE	INT	IND	NM	MET	AIS	USP

Subject matter and scope

Ensure that the principles, rules and procedures for OAT and GAT handling can be commonly applied to the maximum possible extent within ECAC airspace.

The needs of military aviation and ATM support are often beyond the scope of civil aviation and therefore not sufficiently covered by ICAO provisions for General Air Traffic (GAT). This requires the military to use Operational Air Traffic (OAT) as the means to provide the regulatory provisions and ATM arrangements necessary for successful military training and mission accomplishment. However, each State has developed different OAT rules, which need to be harmonised in line with the Functional Airspace Blocks (FAB) principles in order to further enhance civil-military coordination and in particular to progress and implement the interoperability of GAT and OAT structures and operations.

Harmonisation of OAT/GAT handling covers the following main actions:

- Identifying the various types of military operations which cannot be accommodated applying GAT rules and require additional rules and procedures (OAT);
- Defining EUROAT rules and procedures for handling military operations in European Civil Aviation Conference (ECAC) airspace whilst developing common civil military principles for the safe handling of civil and military traffic in one continuum of airspace.
- Harmonisation of military aeronautical information in Europe through European Aeronautical Service (EAD).

NOTE FOR MILITARY AUTHORITIES: It is the responsibility of each military authority to review this Objective IN ITS ENTIRETY and address each of the SLoAs that the military authority considers RELEVANT for itself. This has to be done on top and above of the review of "MIL" SLoAs which identify actions EXCLUSIVE to military authorities.

Applicability Area(s) & Timescale(s)

Applicability Area		All ECAC+ States except: Albania, Latvia, Luxembourg, Malta, Moldova, Montenegro, Morocco, Serbia		
Timescales:		From:	By:	Applicable to:
Initial operational capability		01/01/2012		Applicability Area
Full operational capability			31/12/2018	Applicability Area

References

European ATM Master Plan

OI step -	[AOM-0301]-Harmonised EUROCONTROL ECAC Area Rules for OAT-IFR and GAT Interface									
	Enablers -	PRO-181								
OI step -	[AOM-0303]-Pan-European OAT Transit Service									
	Enablers -	A/C-72	AAMS-10a	AIMS-06	AIMS-19b	AOC-ATM-14	ER APP ATC 143	MIL-STD-03	MIL-STD-04	
		NIMS-35	PRO-014	PRO-015						
OI step -	- No OI Link -									
	Enablers -	AAMS-10a	AIMS-19b							

Legend:	WXYZ-001	Covered by SLoA(s) in this objective	WXYZ-002 zzz	Covered by SLoA(s) in another objective Objective covering the enabler	WXYZ-003	Not covered in the Implementation Plan
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Applicable legislation

- Regulation (EU) 2015/340 laying down detailed rules for air traffic controllers- licences and certain certificates pursuant to Regulation (EC) No 216/2008	- Regulation (EC) No 2150/2005 laying down common rules for the flexible use of airspace
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Essential Operational Changes

ATM Interconnected Network

SESAR Solution

AOM13.1	Harmonise Operational Air Traffic (OAT) and General Air Traffic (GAT) Handling
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ICAO GANP - ASBUs

- none -	
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Deployment Programme

- none -	
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European Plan for Aviation Safety

- none -	
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Operating Environments

En-Route
Network

Stakeholder Lines of Action (SLoAs)

SloA ref.	Title	From	By
AOM13.1-REG01	Revise national legislation as required	01/01/2012	31/12/2018
AOM13.1-ASP01	Apply common principles, rules and procedures for OAT handling and OAT/GAT interface	01/01/2012	31/12/2018
AOM13.1-ASP02	Train staff as necessary	01/01/2012	31/12/2018
AOM13.1-MIL01	Apply common principles, rules and procedures for OAT handling and OAT/GAT interface	01/01/2012	31/12/2018
AOM13.1-MIL02	Provide feedback on result of conformance analysis between national rules to EUROAT	01/01/2011	31/12/2012
AOM13.1-MIL03	Implement a harmonized OAT Flight Plan	DELETED	
AOM13.1-MIL04	Migrate military aeronautical information to EAD	01/01/2010	31/12/2015
AOM13.1-MIL05	Implementing a pan-European OAT-IFR Transit Service (OATTS)	DELETED	
Description of finalised and deleted SLoAs is available on the eATM Portal @ https://www.eatmportal.eu/working/depl/essip_objectives			

Expected Performance Benefits

Safety:	Less risk of error through the use of common rules and procedures for OAT handling and for OAT/GAT interface.
Capacity:	-
Operational Efficiency:	Increased efficiency of civil-military operations through the use of harmonised procedures at pan-European level.
Cost Efficiency:	-
Environment:	-
Security:	Increased through robust pan-European OAT provisions and structures to effectively support national and multinational military operations.

Detailed SLoA Descriptions

AOM13.1-REG01	Revise national legislation as required	From:	By:
		01/01/2012	31/12/2018
Action by:	State Authorities		
Description & purpose:	<p>Enact regulatory material for implementation of new principles, rules and procedures for OAT/GAT handling in a mixed environment.</p> <p>Perform conformance analysis between existing rules and the EUROCONTROL Specification for harmonized Rules for Operational Air Traffic (OAT) under Instrument Flight Rules (IFR) inside controlled Airspace of the ECAC Area (EUROAT). Based on these findings, determine change of regulatory material, if required.</p> <p>Develop Annex with national regulations and rules pertinent to this specification.</p> <p>Upon official reception of the Specification, the States are asked to examine their implementation options and come to a respective decision latest within one year.</p> <p>Following the respective national implementation decision, inform EUROCONTROL about the official national implementation date and provide the additional required information as detailed in Annex 1 of the EUROAT Specification.</p>		

AOM13.1		Harmonise Operational Air Traffic (OAT) and General Air Traffic (GAT) Handling	
Supporting material(s):	EUROCONTROL - EUROCONTROL Publication for harmonized Rules for Operational Air Traffic (OAT) under Instrument Flight Rules (IFR) inside controlled Airspace of the ECAC Area (EUROAT) - Edition 3.0 - Change 9 / 03/2021 Url : https://www.eurocontrol.int/publication/eurocontrol-specifications-harmonized-rules-oat-under-ifr-inside-controlled-airspace		
Finalisation criteria:	1 - National publications have been updated in accordance with EUROAT. 2 - Clear identification of pertinent and acknowledged documents stating the implementation of such OAT/GAT interfaces on a regulatory level has been provided. 3 - Additionally the evidence of adequate procedures comprising their operational realisation has been provided.		
AOM13.1-ASP01	Apply common principles, rules and procedures for OAT handling and OAT/GAT interface	From: 01/01/2012	By: 31/12/2018
Action by:	ANS Providers		
Description & purpose:	Apply common principles, rules and procedures for the OAT/GAT interface. Define and develop additional or revised procedures to match local and regional organisation ensuring that they do not conflict with those of adjacent States/Functional Airspace Blocks (FAB).		
Supporting material(s):	EUROCONTROL - EUROCONTROL Publication for harmonized Rules for Operational Air Traffic (OAT) under Instrument Flight Rules (IFR) inside controlled Airspace of the ECAC Area (EUROAT) - Edition 3.0 - Change 9 / 03/2021 Url : https://www.eurocontrol.int/publication/eurocontrol-specifications-harmonized-rules-oat-under-ifr-inside-controlled-airspace		
ATM Master Plan relationship:	[AAMS-10a]-Initial airspace management system enhanced with commonly applied GAT/OAT handling [PRO-181]-Procedures related to Rule on OAT handling and OAT-IFR GAT interface		
Finalisation criteria:	1 - Clear identification of pertinent and acknowledged documents stating the implementation of such OAT/GAT interfaces on a regulatory level has been provided.		
AOM13.1-ASP02	Train staff as necessary	From: 01/01/2012	By: 31/12/2018
Action by:	ANS Providers		
Description & purpose:	Establish the mechanism to ensure pertinent training for competent personnel during all training phases in order to train Air Traffic Services (ATS) personnel in provision of ATS to OAT-IFR flights. Train ATS staff in new procedures that comprise OAT elements.		
Supporting material(s):	EUROCONTROL - SPEC-157 - EUROCONTROL Specification for ATCO Common Core Content Initial Training - Edition 2.0 / 04/2015 Url : https://www.eurocontrol.int/publication/eurocontrol-specifications-atco-common-core-content-initial-training EUROCONTROL - Air Traffic Controller Training at Operational Units - Edition 2.0 / 06/1999 Url : https://trainingzone.eurocontrol.int		
Finalisation criteria:	1 - The mechanism to train competent ATS personnel during all training phases in provision of ATS to OAT-IFR flights has been established. 2 - ATS personnel have been qualified to provide ATS to OAT-IFR flights in accordance with national regulations and has demonstrated equivalence to:- ESARR 5 for non EU member states, or- Commission Regulation (EU) No 805/2011 for EU member states.		
AOM13.1-MIL01	Apply common principles, rules and procedures for OAT handling and OAT/GAT interface	From: 01/01/2012	By: 31/12/2018
Action by:	Military Authorities		
Description & purpose:	Apply common principles, rules and procedures for OAT handling. Define and develop additional or revised procedures to match local and regional organisation, ensuring that they do not conflict with those of adjacent States/FAB.		
Supporting material(s):	EUROCONTROL - EUROCONTROL Publication for harmonized Rules for Operational Air Traffic (OAT) under Instrument Flight Rules (IFR) inside controlled Airspace of the ECAC Area (EUROAT) - Edition 3.0 - Change 9 / 03/2021 Url : https://www.eurocontrol.int/publication/eurocontrol-specifications-harmonized-rules-oat-under-ifr-inside-controlled-airspace		
ATM Master Plan relationship:	[AAMS-10a]-Initial airspace management system enhanced with commonly applied GAT/OAT handling [PRO-181]-Procedures related to Rule on OAT handling and OAT-IFR GAT interface		
Finalisation criteria:	1 - Clear identification of pertinent and acknowledged documents stating the implementation of such OAT/GAT interfaces on a regulatory level has been provided. 2 - Additionally the evidence of adequate procedures comprising their operational realisation has been provided.		
AOM13.1-MIL02	Provide feedback on result of conformance analysis between national rules to EUROAT	From: 01/01/2011	By: 31/12/2012
Action by:	Military Authorities		
Description & purpose:	Provide national Point Of Contact (POC) and distribution list for the dissemination of EUROAT specification. Enhance understanding of the change to EUROAT and its impact to OAT flights in new Single European Sky (SES) environment		

AOM13.1	Harmonise Operational Air Traffic (OAT) and General Air Traffic (GAT) Handling		
Supporting material(s):	EUROCONTROL - EUROCONTROL Publication for harmonized Rules for Operational Air Traffic (OAT) under Instrument Flight Rules (IFR) inside controlled Airspace of the ECAC Area (EUROAT) - Edition 3.0 - Change 9 / 03/2021 Url : https://www.eurocontrol.int/publication/eurocontrol-specifications-harmonized-rules-oat-under-ifr-inside-controlled-airspace		
Finalisation criteria:	1 - Civil-Military ATM Coordination Unit (DSS/CMAC) has received national POC and distribution list from the national military authorities.		
AOM13.1-MIL04	Migrate military aeronautical information to EAD	From: 01/01/2010	By: 31/12/2015
Action by:	Military Authorities		
Description & purpose:	Identify Military needs in terms of validated aeronautical data not covered in ICAO AIP. Assess applicability of civil standards (e.g. AIXM) for military aeronautical data. Migrate military aeronautical information to EAD. The implementation to be based on and supported with the following actions by DNM/Network Operations Management: - Organise an EAD awareness campaign for the military stakeholders; - Get commitment of military organisations to migrate to EAD; - Develop customised migration plans for individual military organisations following its commitment to migrate to EAD; - Support & monitor the migration of military organisations to EAD.		
Supporting material(s):	EUROCONTROL - EAD Safety Case - Edition 2.3 / 09/2009 Url : https://www.eurocontrol.int/sites/default/files/2019-05/20090901-adq-ead-safety-case-v2.3.pdf		
ATM Master Plan relationship:	[AIMS-19b]-Aeronautical Information system is interfaced to receive and distribute aeronautical information electronically to military systems.		
Finalisation criteria:	1 - All Military Authorities responsible for AIS Data have signed a Data Provider Agreement with EUROCONTROL. 2 - All Military Authorities responsible for AIS Data have implemented EAD and maintain the three sets of AIP Data (SDO, INO and PAMS).		