

SESAR		Active							LOC	
SAF10.1		Implement measures to reduce the risk to aircraft operations caused by airspace infringements								
REG	ASP	MIL	APO	USE	INT	IND	NM	MET	AIS	USP

## Subject matter and scope

Involved aviation stakeholders should implement measures to reduce the risk to aircraft operations caused by airspace infringements. Airspace infringement occurrences include unauthorised penetration of controlled airspace (ICAO classes A to D), such as danger areas, restricted areas, prohibited areas and temporary segregated/reserved areas by all types of traffic and Aerodrome Traffic Zones.

**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)

<b>Applicability Area</b> (Subject to local needs)	All ECAC+ States except: Azerbaijan		
<b>Timescales:</b>	<b>From:</b>	<b>By:</b>	<b>Applicable to:</b>
IOC used for Analytics functioning only - not for implementation planning	01/07/2022		Applicability Area
FOC used for Analytics functioning only - not for implementation planning		31/12/2030	Applicability Area

## References

### European ATM Master Plan

OI step -	<a href="#">None</a>									
Enablers -										
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				

### Applicable legislation

None
------

### Essential Operational Changes

Fully Dynamic and Optimised Airspace
--------------------------------------

### SESAR Solution

--

### ICAO GANP - ASBUs

- none -
----------

### Deployment Programme

- none -
----------

### European Plan for Aviation Safety

MST.016	Airspace infringement risk in General Aviation
---------	--

### Operating Environments

En-Route
Terminal Airspace

<b>SAF10.1</b>	<b>Implement measures to reduce the risk to aircraft operations caused by airspace infringements</b>
----------------	--

### Stakeholder Lines of Action (SLoAs)

SLoA ref.	Title	From	By
<b>SAF10.1-REG01</b>	Implement the appropriate parts of the European Action Plan for Airspace Infringement Risk Reduction		
<b>SAF10.1-ASP01</b>	Implement the appropriate parts of the European Action Plan for Airspace Infringement Risk Reduction		
<b>SAF10.1-USE01</b>	Assess and Implement the appropriate parts of the European Action Plan for Airspace Infringement Risk Reduction		
<b>SAF10.1-AIS01</b>	Implement the appropriate parts of the European Action Plan for Airspace Infringement Risk Reduction		

Description of finalised and deleted SLoAs is available on the eATM Portal @ [https://www.eatmportal.eu/working/depl/essip\\_objects](https://www.eatmportal.eu/working/depl/essip_objects)

### Expected Performance Benefits

<b>Safety:</b>	Reduction of a major key risk to aircraft operations and reduction of the risk of accident/serious incident
<b>Capacity:</b>	Reduction in controller workload caused by airspace infringements
<b>Operational Efficiency:</b>	Improved Air traffic Flow
<b>Cost Efficiency:</b>	Reduced fuel burn caused by arrivals delay or hold
<b>Environment:</b>	Reduction in extra fuel burn and noise caused by flights' deviation from arrival route, delays or holdings
<b>Security:</b>	-

### Detailed SLoA Descriptions

<b>SAF10.1-REG01</b>	<b>Implement the appropriate parts of the European Action Plan for Airspace Infringement Risk Reduction</b>	From: -	By: -
<b>Action by:</b>	<b>State Authorities</b>		
<b>Description &amp; purpose:</b>	Determine which of the recommendations are relevant to the National circumstances. Create a subset of the selected relevant recommendations to be implemented at National Level and ensure that respective risk mitigation measures are being implemented.		
<b>Supporting material(s):</b>	EUROCONTROL - European Action Plan for Airspace Infringement Risk Reduction and Guidance Material Url : <a href="http://www.eurocontrol.int/sites/default/files/content/documents/nm/safety/european-action-plan-for-airspace-infringement-risk-reduction.pdf">http://www.eurocontrol.int/sites/default/files/content/documents/nm/safety/european-action-plan-for-airspace-infringement-risk-reduction.pdf</a> EASA - European Plan for Aviation Safety 2021 – 2025, Volume III Url : <a href="https://www.easa.europa.eu/downloads/123564/en">https://www.easa.europa.eu/downloads/123564/en</a>		
<b>Finalisation criteria:</b>	1 - A documented decision was taken on the implementation of the relevant recommendations. 2 - Relevant Stakeholders received a decision on the implementation of the relevant recommendations. 3 - The Implementation has been reported back through the appropriate mechanism.		
<b>SAF10.1-ASP01</b>	<b>Implement the appropriate parts of the European Action Plan for Airspace Infringement Risk Reduction</b>	From: -	By: -
<b>Action by:</b>	<b>ANS Providers</b>		
<b>Description &amp; purpose:</b>	Implement the respective recommendations of European Action Plan for Airspace Infringement Risk Reduction as decided by the Regulator.		
<b>Supporting material(s):</b>	EUROCONTROL - European Action Plan for Airspace Infringement Risk Reduction and Guidance Material Url : <a href="http://www.eurocontrol.int/sites/default/files/content/documents/nm/safety/european-action-plan-for-airspace-infringement-risk-reduction.pdf">http://www.eurocontrol.int/sites/default/files/content/documents/nm/safety/european-action-plan-for-airspace-infringement-risk-reduction.pdf</a> EASA - European Plan for Aviation Safety 2021 – 2025, Volume III Url : <a href="https://www.easa.europa.eu/downloads/123564/en">https://www.easa.europa.eu/downloads/123564/en</a>		
<b>Finalisation criteria:</b>	1 - A decision of the Regulator on the implementation of the relevant recommendations has been received. 2 - The relevant recommendations have been implemented. 3 - The Implementation is reported back to the Regulator through the appropriate mechanism.		
<b>SAF10.1-USE01</b>	<b>Assess and Implement the appropriate parts of the European Action Plan for Airspace Infringement Risk Reduction</b>	From: -	By: -
<b>Action by:</b>	<b>Airspace Users</b>		
<b>Description &amp; purpose:</b>			

<b>SAF10.1</b>	<b>Implement measures to reduce the risk to aircraft operations caused by airspace infringements</b>
----------------	--

<b>Supporting material(s):</b>	EUROCONTROL - European Action Plan for Airspace Infringement Risk Reduction and Guidance Material Url : <a href="http://www.eurocontrol.int/sites/default/files/content/documents/nm/safety/european-action-plan-for-airsapce-infringement-risk-reduction.pdf">http://www.eurocontrol.int/sites/default/files/content/documents/nm/safety/european-action-plan-for-airsapce-infringement-risk-reduction.pdf</a>  EASA - European Plan for Aviation Safety 2021 – 2025, Volume III Url : <a href="https://www.easa.europa.eu/downloads/123564/en">https://www.easa.europa.eu/downloads/123564/en</a>		
<b>Finalisation criteria:</b>	1 - The relevant recommendations have been implemented. 2 - The Implementation is reported through the appropriate mechanism.		
<b>SAF10.1-AIS01</b>	<b>Implement the appropriate parts of the European Action Plan for Airspace Infringement Risk Reduction</b>	From:	By:
		-	-
<b>Action by:</b>	<b>AIS Providers</b>		
<b>Description &amp; purpose:</b>	Implement the respective recommendations of European Action Plan for Airspace Infringement Risk Reduction as decided by the Regulator.		
<b>Supporting material(s):</b>	EUROCONTROL - European Action Plan for Airspace Infringement Risk Reduction and Guidance Material Url : <a href="http://www.eurocontrol.int/sites/default/files/content/documents/nm/safety/european-action-plan-for-airsapce-infringement-risk-reduction.pdf">http://www.eurocontrol.int/sites/default/files/content/documents/nm/safety/european-action-plan-for-airsapce-infringement-risk-reduction.pdf</a>  EASA - European Plan for Aviation Safety 2021 – 2025, Volume III Url : <a href="https://www.easa.europa.eu/downloads/123564/en">https://www.easa.europa.eu/downloads/123564/en</a>		
<b>Finalisation criteria:</b>	1 - A decision of the Regulator on the implementation of the relevant recommendations has been received. 2 - The relevant recommendations have been implemented. 3 - The Implementation is reported back to the Regulator through the appropriate mechanism.		