



AOP03 — Improve runway safety by preventing runway incursions

Prevent runway accidents by identifying and eliminating the risks of runway incursions.

This objective has been updated in 2010 to encompass the new recommendations in the European Action Plan for Prevention of Runway Incursions (EAPPRI) Edition 2.0.

A few recommendations have been completed, progressed or improved. All the remaining recommendations which were part of the previous EAPPRI Editions are still valid. New recommendations are based upon best practices from airports across Europe and can be found in sections 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, and the new sections 1.9 -Technology for the prevention of runway incursions - and 1.10 - Civil-military joint use aerodromes.

The applicability area of this objective is all ECAC aerodromes. Nonetheless, it is for the individual National safety authority to decide upon the strategy of implementation at aerodromes within its own State.

NOTE FOR MILITARY AUTHORITIES: It is the responsibility of each Military Authority to review this ESSIP 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 MIL Authorities

Edition	2022
Stakeholders	Regulator / Air Navigation Service Provider / Airport Operator / Airspace Users
Type	SESAR
Scope	Airport
Status	Achieved

Context

Related Elements



Applicability Area(s) and Timescales

Applicability Area: See list of airports in MP Level 3 Implementation Plan - Annexes

Timescales	From	By	Applicable to
Initial operational capability	01-04-2003	-	Applicability Area
Full operational capability	-	31-12-2013	Applicability Area

Links to ATM Master Plan Level 2

OI Operational Improvment Steps

Code	Title	IOC	FOC	Related Elements
AO-0101	Reduced Risk of Runway Incursions through Improved Procedures and Best Practices on the Ground	31-12-2007	31-12-2011	

Links to SESAR Solutions

Code	Title	Program	Related Elements
No record found			

Links to PCP ATM Sub-Functionalities

Code	Title	Related Elements
No record found		

ICAO Block Modules: No associated data

References

Applicable legislation

None

Applicable ICAO Annexes and other references

ICAO Annex 11 - Air Traffic Services

ICAO Annex 14 - Aerodromes

Directive 2003/42/EC of 13 June 2003 on occurrence reporting in civil aviation, amended by Regulation (EC) No 569/2009

Deployment Programme 2022

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Operating Environments

Airport

Expected Performance Benefits

Safety	Significant, through reduced risk of incidents and accidents on runways.
Capacity	Indirect through prevention of delay problems caused by runway incursion incidents.
Operational efficiency	-
Cost efficiency	The prevention of accidents is a highly cost-effective measure and the application is based upon the implementation of existing ICAO provisions.
Environment	Negligible
Security	N/A

Stakeholder Lines of Action

Code	Title	From	By	Related Enablers
REG01	Implement recommendations contained in the European Action Plan for the Prevention of Runway Incursions in accordance with the explanatory notes	01-04-2003	31-12-2013	
ASP01	Establish a local Runway Safety Team and implement General principles contained in the European Action plan for the prevention of runway incursions in accordance with the explanatory notes	01-04-2003	31-12-2013	
ASP02	Ensure Air Traffic Controller Best Practices are implemented	01-04-2003	31-12-2013	EN
ASP03	Implement Communication recommendations	FINALISED		
ASP04	Implement Aeronautical information management	01-04-2003	31-12-2013	
APO01	Establish a local Runway Safety Team and implement General principles contained in the European Action Plan for the Prevention of Runway Incursions in accordance with the explanatory notes	01-04-2003	31-12-2013	
APO02	Ensure that all airport infrastructure, practices and procedures are in accordance with ICAO provisions	01-04-2003	31-12-2013	
APO03	Implement Communication recommendations	01-04-2003	31-12-2013	
APO04	Implement Aeronautical information management	01-04-2003	31-12-2013	
APO05	Put in place a formal training and assessment for drivers and all personnel who operate on or near the runway	01-04-2003	31-12-2013	
APO06	Implement Safety Management Systems (SMS) in accordance with ICAO provisions for its aerodrome operations	01-04-2003	31-12-2013	
USE01	Implement recommendations contained in the European Action Plan for the Prevention of Runway Incursions in accordance with the explanatory notes	01-04-2003	31-12-2013	EN

Supporting Material

Title	Related SLoAs
EUROCONTROL - European Action Plan for the Prevention of Runway Incursions - Edition 2.0 http://www.skybrary.aero/index.php/European_Action_Plan_for_the_Prevention_of_Runway_Incursions	APO01, APO02, APO03, APO04, APO05, APO06, ASP01, ASP02, ASP04, REG01, USE01
ICAO - ICAO Runway Safety Team Handbook - First Edition https://store.icao.int/	APO01, APO02, APO03, APO04, APO05, APO06, ASP01, ASP02, ASP04, REG01, USE01

Consultation & Approval

Working Arrangement in charge	Airport Operations Team (AOT)
Outline description approved in	-
Latest objective review at expert level	04/2012
Commitment Decision Body	Provisional Council (PC)
Objective approved/endorsed in	07/2004
Latest change to objective approved/endorsed in	07/2012

