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European Action Plan for the Prevention of Runway Excursions (EAPPRE) - Overview

Portugal Runway Excursion Workshop “*Building the Local Action Plan*”

Lisbon 4 December 2013

Richard “Sid” Lawrence

European Safety Programme for ATM (ESP+),
EUROCONTROL NMD Safety



Definition of Runway Excursion



An event in which an aircraft veers off or overruns the runway surface during either take-off or landing.



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EAPPRE History - 2010



+



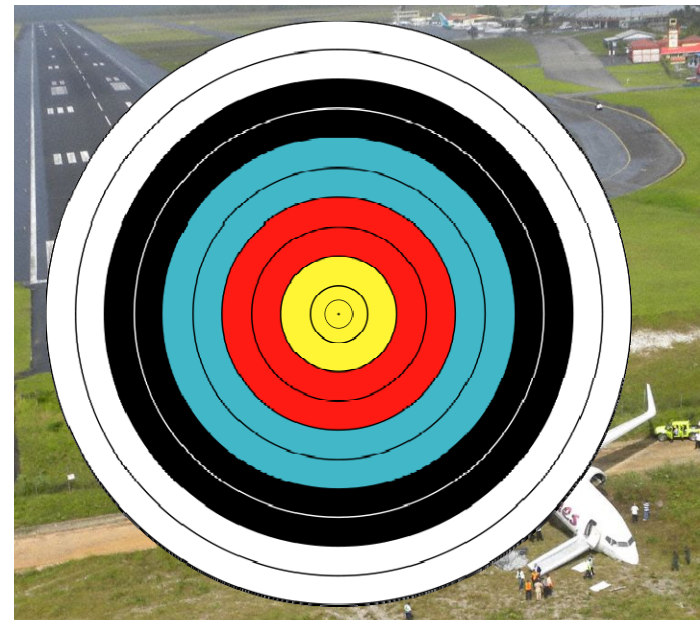
European Working Group for Runway Safety (EWGRS)





EAPPRE History (cont'd)

- EWGRS Chaired by EUROCONTROL
- EAPPRE developed in tradition of EAPPRI and previous European-level action plans: level bust, air-ground communication and airspace infringement
- European Aviation Safety plan (EASp) deliverable



**To help reduce the
risks of this!!**



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Read all about it...

European Action Plan for the Prevention of Runway Excursions Edition 1.0

Released and Published - January 2013

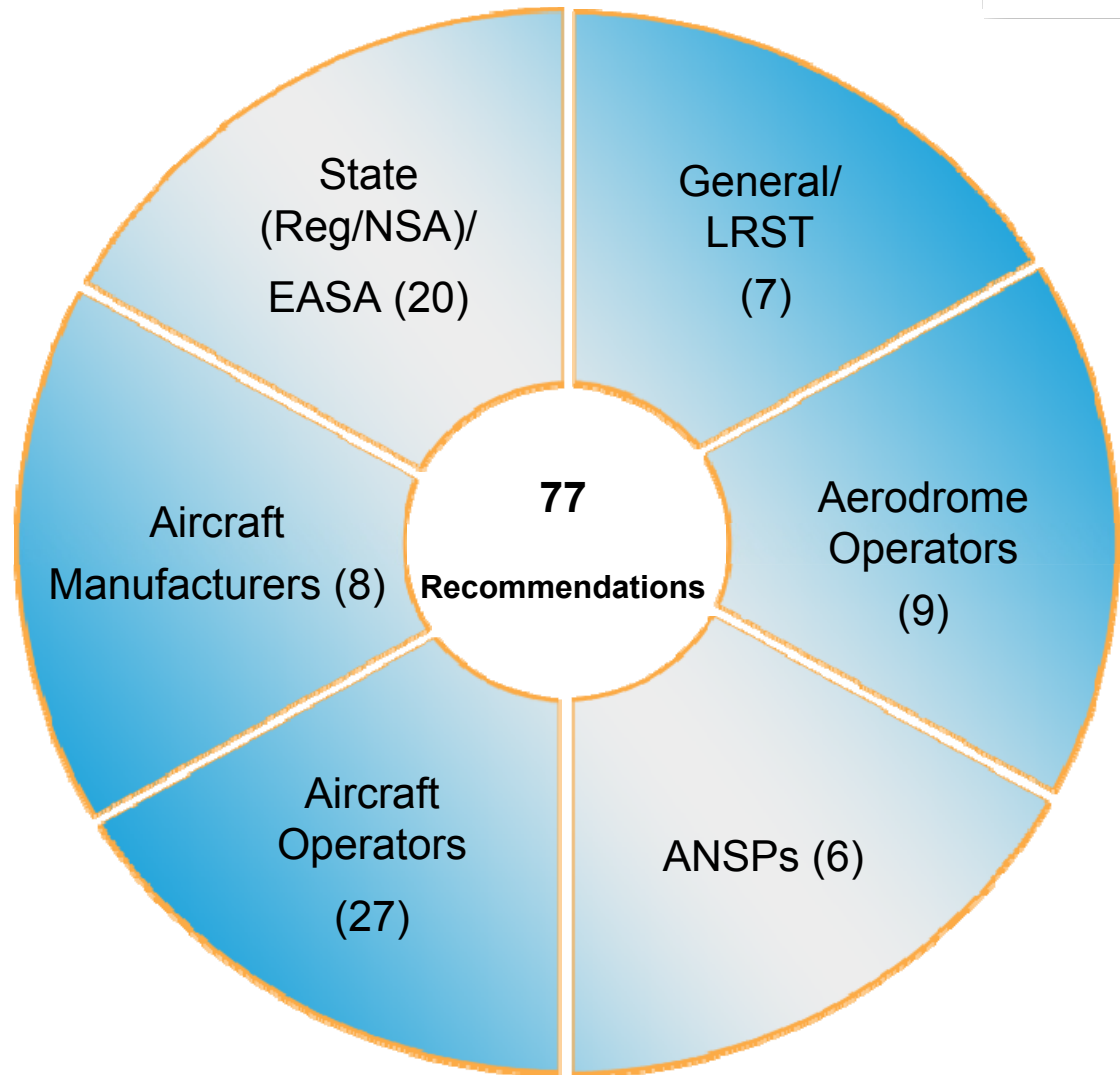
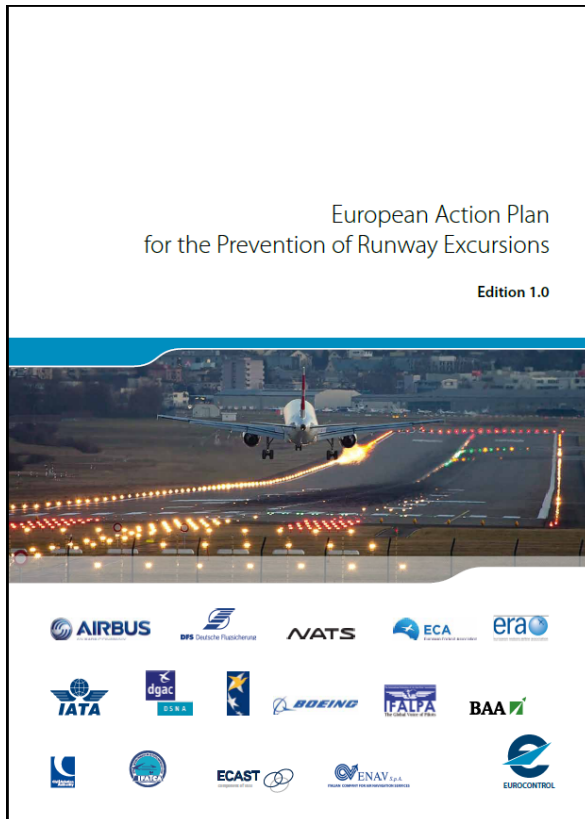




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EAPPRE Recommendations

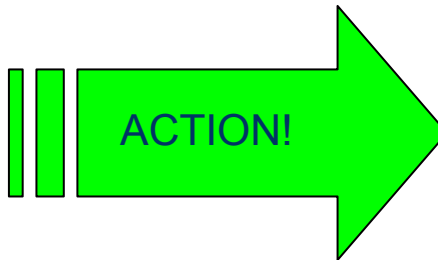
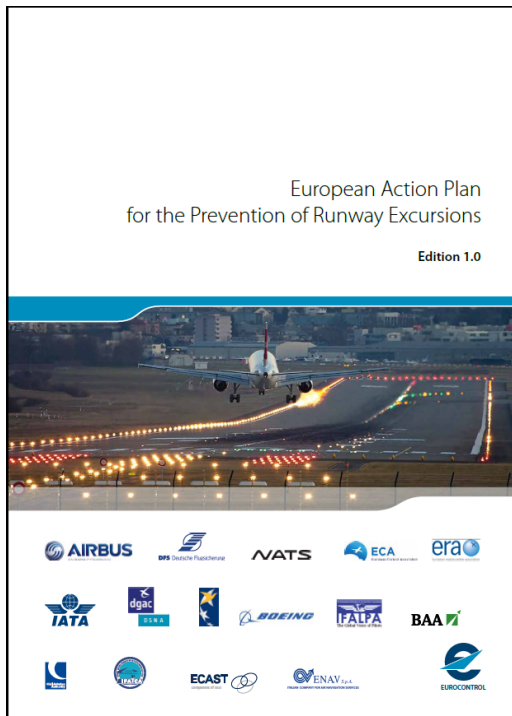




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Implementation Principles



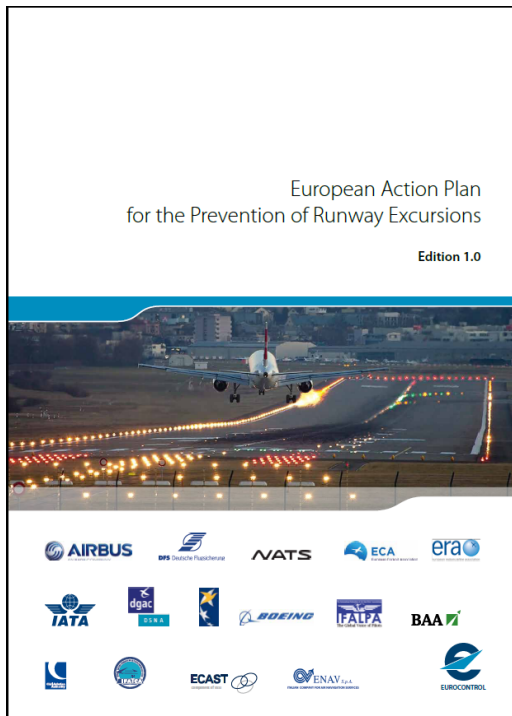
- Stakeholder relevance
(include in SMS)
- +
- State requirements



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Implementation Strategy



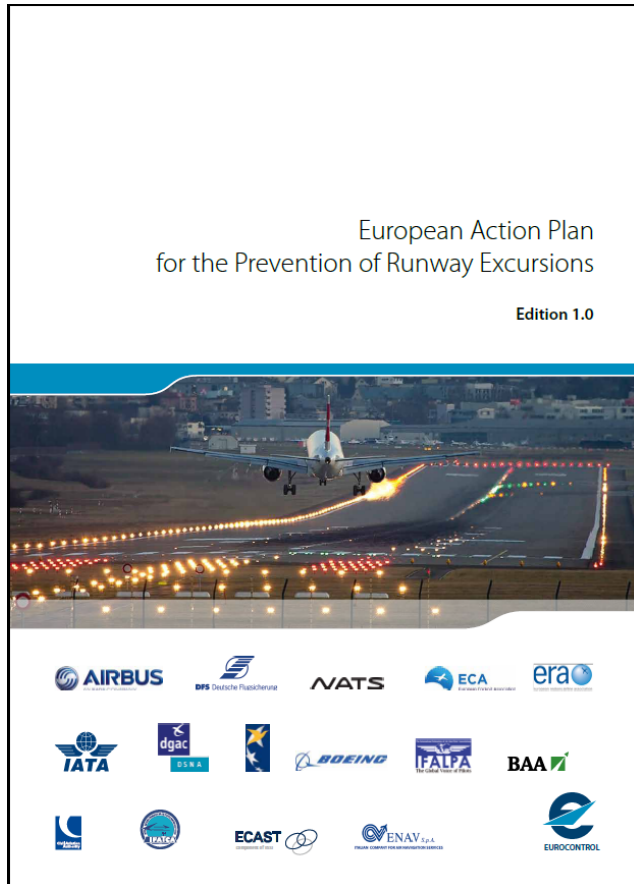
- State coordination (State Safety Programme - New EASp Action (AER 1.9))
- Local Runway Safety Teams



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Implementation activities – briefings ...





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Implementation Tools – Guidance materials

The image displays a collage of overlapping screenshots from the SKYbrary website, which is a resource for aviation safety information. The screenshots show various pages, including:

- SKYbrary Home Page:** Features a navigation menu with links to Home page, Operational issues, Human performance, Enhancing safety, Safety regulations, Accidents and incidents, Aircraft Types, Airport Directory, Toolkits, General Aviation, Organisations, Bookshelf, Publications, and ICAO FSIX. It also includes a 'work in progress' section with links to Draft articles, Request an article, and information about SKYbrary.
- FLIGHT SAFETY FOUNDATION:** A page titled 'Runway Excursions' with the text 'Elements of this tool should be business of factors that can increase the risk presented by that fact vigilance and be prepared to'. It includes a section for 'Type of Operation' with sub-points: Nonscheduled/air taxi/freight, Training/observation, Flight Crew, Reduced state of alertness – fatigue, Single-pilot operation, Airport, No current/accurate weather information, and Unfamiliar airport or unfamiliar terrain.
- canso:** A page titled 'Runway Excursions Risk Reduction Toolkit' with the text 'What Role does Air Traffic Control play? ATC can influence the safety and stability of an approach in two general areas. First, the instructions'. It includes a section for 'Type of Operation' with sub-points: Nonscheduled/air taxi/freight, Training/observation, Flight Crew, Reduced state of alertness – fatigue, Single-pilot operation, Airport, No current/accurate weather information, and Unfamiliar airport or unfamiliar terrain.
- Microsoft Office Out...:** A screenshot of a Microsoft Office application window.
- Microsoft PowerPoint:** A screenshot of a Microsoft PowerPoint presentation slide.

The bottom of the image shows a Windows taskbar with the Start button, several open applications, and a system clock showing 12:12.



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Implementation Tools - ERA Checklist

General Principles and Local Runway Safety Teams

Ref	Recommendations	Action	Status	Company document reference	Comments
3.1.1	At individual aerodromes, as designated by the Regulator, a Runway Safety Team should be established and maintained to lead action on local runway safety issues.	Aerodrome Operators, Air Navigation Service Provider, Aircraft operators Regulator.			
3.1.2	A local runway safety awareness campaign should be initiated at each aerodrome for Air Traffic Controllers, Pilots and Manoeuvring Area Vehicle Drivers and other personnel who operate on or near the runway. The awareness campaign should be periodically refreshed to maintain interest and operational awareness.	Local Runway Safety Team			
3.1.3	Confirm that all infrastructure, practices and procedures relating to runway operations are in compliance with ICAO provisions.	Aerodrome Operator (lead), Air Navigation Service Provider.			
3.1.4	Where practicable, ensure that specific joint training and familiarisation in the prevention of runway excursions, is provided to Pilots, Air Traffic Controllers and Aerodrome Operator staff. This may include visits to the manoeuvring area to increase awareness of markings, signage, and position of anemometers etc. where this is considered necessary.	Local Runway Safety Team, Air Navigation Service Provider, Regulator, Aerodrome Operator.			
3.1.5	Runway safety should be part of initial and recurrent training for operational staff e.g. Air Traffic Controllers, Pilots, Meteorology officers, NOTAM officers and all other personnel involved in manoeuvring area operations.	Aircraft Operator, Air Navigation Service Provider, Aerodrome Operator, Regulator, Flight Training School.			
3.1.6	All users of the aviation system should participate in safety information sharing networks and exchange relevant information on actual and potential safety deficiencies to ensure that runway safety risks are correctly identified and appropriately mitigated at each aerodrome.	Aircraft Operator, Air Navigation Service Provider, Aerodrome Operator, Local Runway Safety Team, EUROCONTROL.			

One sheet for all EAPPRE stakeholder groups



Implementation Monitoring (1)



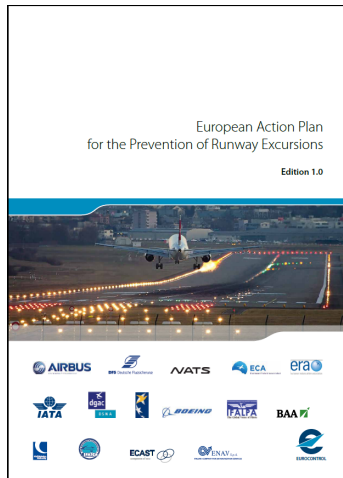
- EUROCONTROL European Single Sky Implementation (ESSIP) Objective SAF 11 – Autumn 2013.
 - ECAC wide
 - Remit agreed between EUROCONTROL and EASA.
 - One Stakeholder Line of Action (SLoA) “*Implement the applicable measures of the EAPPRE*” (and references the EAPPRE Recommendations per stakeholder group).
- EASp – Overall State implementation progress – thro’ SSP (New EASp Action (AER 1.9))
- Locally by aircraft operators, ANSPs, aerodrome operators (coordinated thro’ LRSTs)



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Download EAPPRE from SKYbrary



SKYbrary - European Action Plan for the Prevention of Runway Excursions (EAPPRE) - Windows Internet Explorer

http://www.skybrary.aero/index.php/European_Action_Plan_for_the_Prevention_of_Runway_Excursions_(EAPPRE)

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If you wish to contribute or participate in the discussions about articles you are invited to join SKYbrary as a registered user

European Action Plan for the Prevention of Runway Excursions (EAPPRE)

Categories: Operational Issues | Runway Excursion

EAPPRE

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- 1 Background
- 2 Document Structure
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Background

The EUROCONTROL "Study of Runway Excursions from a European Perspective" showed that the causal and contributory factors leading to a runway excursion were the same in Europe as in other regions of the world. The study findings made extensive use of lessons from more than a thousand accident and incident reports. Those lessons have been used to craft the recommendations contained in the European Action Plan for the Prevention of Runway Excursions, Edition 1.0 of which was published in January 2013.

The European Action Plan for the Prevention of Runway Excursions (EAPPRE) contains practical recommendations with guidance materials to assist operational staff with their implementation. According to ICAO, runway excursions are a persistent problem and their numbers have not decreased in more than 20 years.

Article Information	
Category:	Runway Excursion
Content source:	EUROCONTROL
Content control:	EUROCONTROL

[http://www.skybrary.aero/index.php/European_Action_Plan_for_the_Prevention_of_Runway_Excursions_\(EAPPRE\)](http://www.skybrary.aero/index.php/European_Action_Plan_for_the_Prevention_of_Runway_Excursions_(EAPPRE))



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Questions?

