

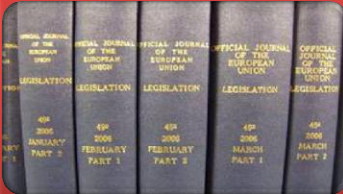


EUROPEAN AVIATION SAFETY AGENCY  
AGENCE EUROPÉENNE DE LA SÉCURITÉ AÉRIENNE  
EUROPÄISCHE AGENTUR FÜR FLUGSICHERHEIT

# Safety Investigation

Bernard Bourdon  
Accident Investigation Manager

Your safety is our mission.  
[easa.europa.eu](https://easa.europa.eu)



## Directive 2003/42/EC:

- Mandatory reporting
- Lists of reportable occurrences



## Regulation (EC)1321/2007:

- Data integration
- Create the European Central repository



## Regulation (EC)1330/2007:

- Dissemination of information
- Confidentiality

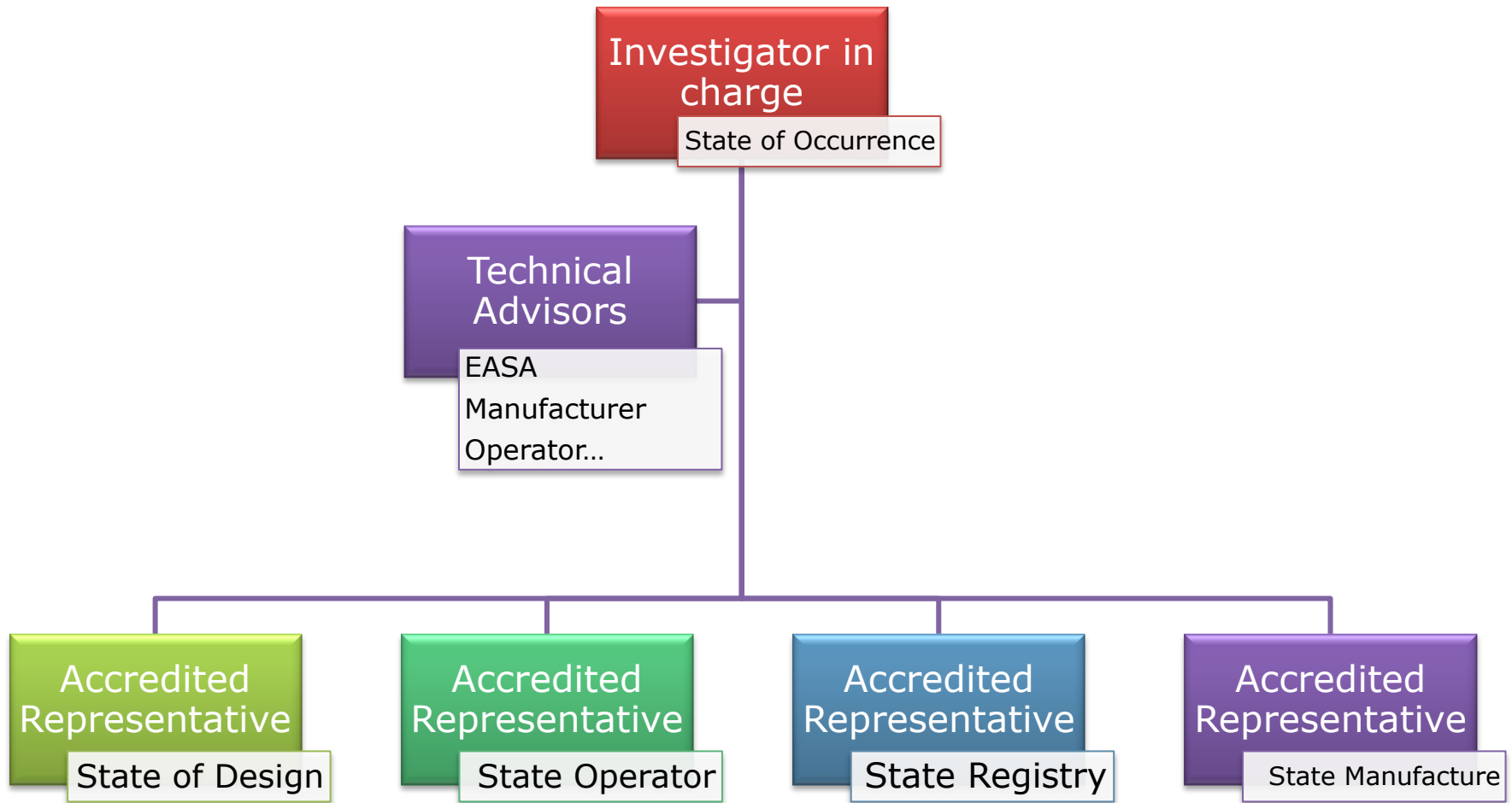


## Regulation (EU)996/2010:

- ICAO Annex 13 implementation in EU

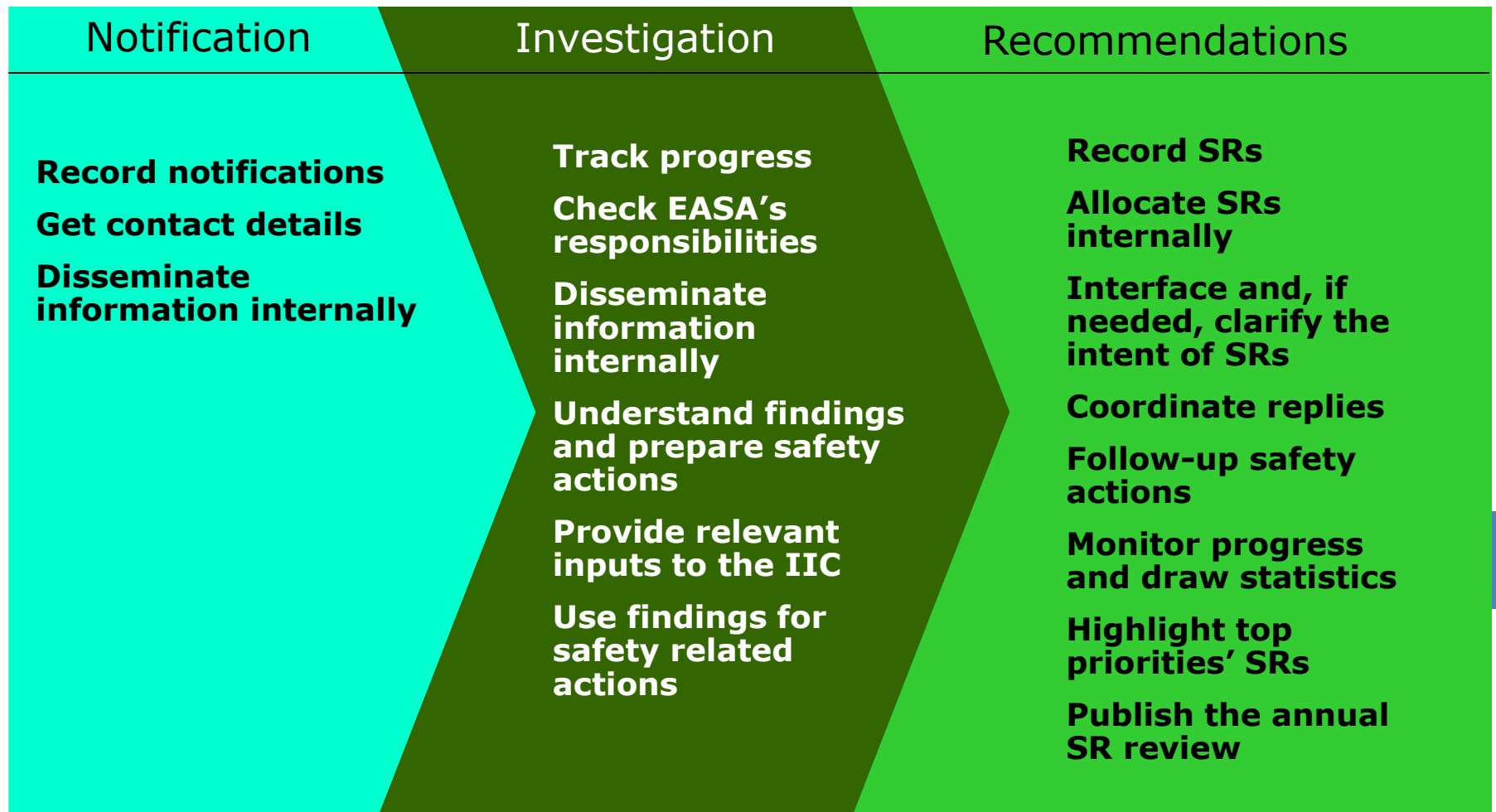
- Notification
- Participation in investigation
  - Technical Adviser to the Investigator in Charge (EU) or the Accredited Representative (non EU)
- Reporting
  - Comments on Draft Final Reports.
  - Recipient of Final Reports
- Safety Recommendations
  - Mandatory response
  - Monitoring

# Investigation Organisation





# Tasks and deliverables





# Participation in Investigation

## ➤ Effective participation

- Safety investigation authorities shall, provided that the requirement of no conflict of interest is satisfied, invite EASA and national civil aviation authorities of the Member States concerned, within the scope of their respective competence, to appoint a representative to participate as an adviser
- EASA and the NAAs shall support the investigation in which they participate by supplying the requested information, advisers and equipment to the safety investigation authority in charge.



# Responding to an accident (1)

- Participation in investigations, but NOT in the determination of probable cause
- Facts and information in due time related to accident or serious incident investigation
  - Initial notification
  - Get facts and open a dialog with investigation teams in order to decide the follow up
  - Monitor the level of safety of products, authorities and organisations for which EASA is responsible



# Responding to an accident (2)

- Access to relevant facts related to an investigated events
  - Need to be prepared to take safety actions if needed and get a clear unambiguous understanding of the recommendations
  - Advise on the responsibilities exercised by the EASA having the State of design responsibilities whenever it relates to design approvals
  - Use EASA relevant expertise





# Reporting

- Before publication of the final investigation report, the safety investigation authority shall solicit comments from the authorities concerned, including EASA
- The safety investigation authority shall forward a copy of the final report and the safety recommendations as soon as possible to the Commission and EASA

Farnborough House  
Berkshire Copse Road  
Aldershot, Hants GU11 2HH  
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Department for Transport

## AAIB Interim Report 2

Accident to Boeing 777-236ER, G-YMMM  
at London Heathrow Airport on 17 January 2008

### ACCIDENT

Aircraft Type and Registration:	Boeing 777-236ER, G-YMMM	
No & Type of Engines:	2 Rolls-Royce RB211 Trent 895-17 turbofan engines	
Year of Manufacture:	2001	
Date & Time (UTC):	17 January 2008 at 1242 hrs	
Location:	Runway 27L, London Heathrow Airport	
Type of Flight:	Commercial Air Transport (Passenger)	
Persons on Board:	Crew - 16	Passengers - 136
Injuries:	Crew - 4 (Minor)	Passengers - 1 (Serious) 8 (Minor)
Nature of Damage:	Aircraft damaged beyond economic repair	
Commander's Licence:	Airline Transport Pilot's Licence	
Commander's Age:	43 years	
Commander's Flying Experience:	12,700 hours (of which 8,500 hours were on type) Last 90 days - 85 hours Last 28 days - 52 hours	
Information Source:	Inspector's Investigation	

This bulletin contains facts which have been determined up to the time of issue. This information is published to inform the aviation industry and the public of the general circumstances of accidents and must necessarily be regarded as tentative and subject to alteration or correction if additional evidence becomes available.

The investigations in this bulletin have been carried out in accordance with The Civil Aviation (Investigation of Air Accidents and Incidents) Regulations 1998, Annex 13 to the ICAO Convention on International Civil Aviation and EU Directive 94/56/EC.

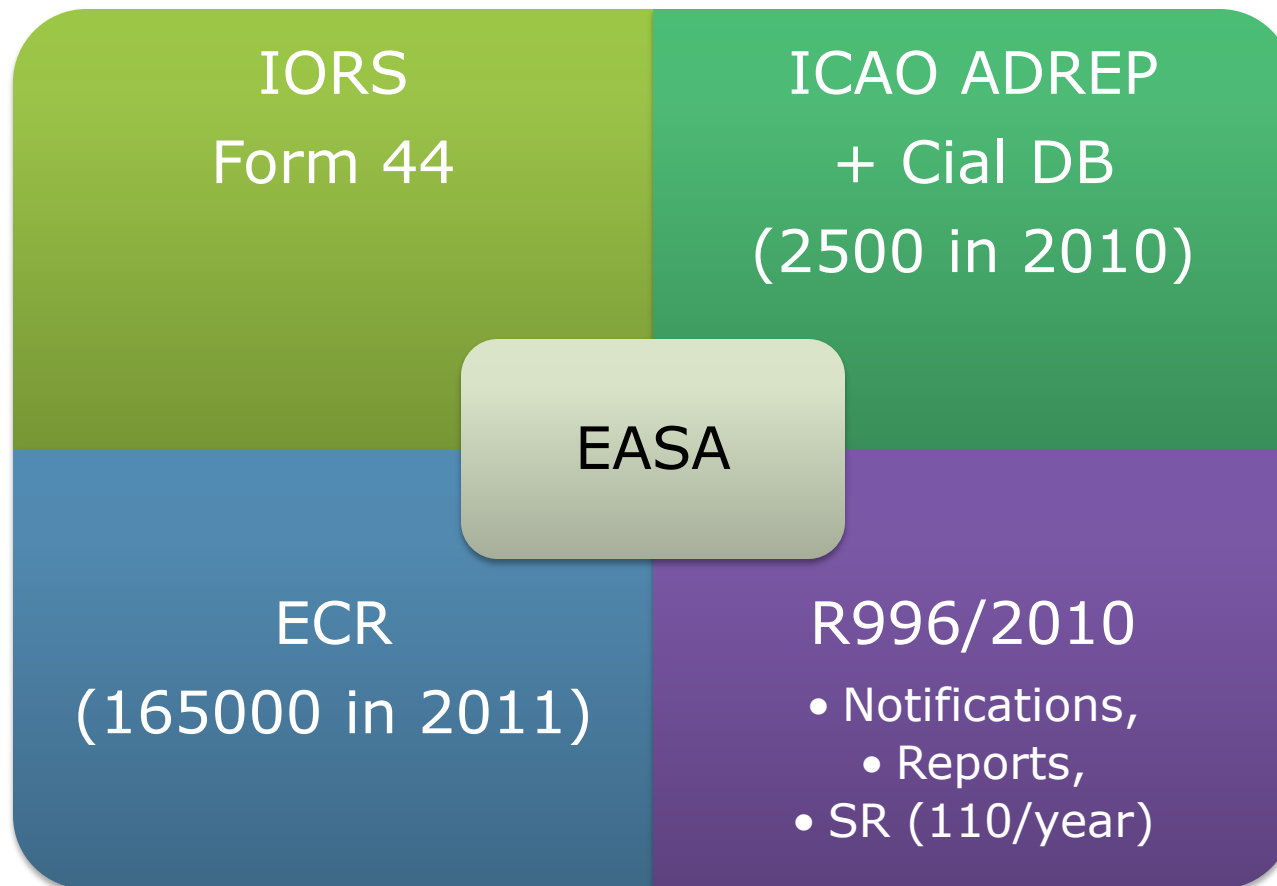
The sole objective of the investigation of an accident or incident under these Regulations shall be the prevention of accidents and incidents. It shall not be the purpose of such an investigation to apportion blame or liability.

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# Reporting sources



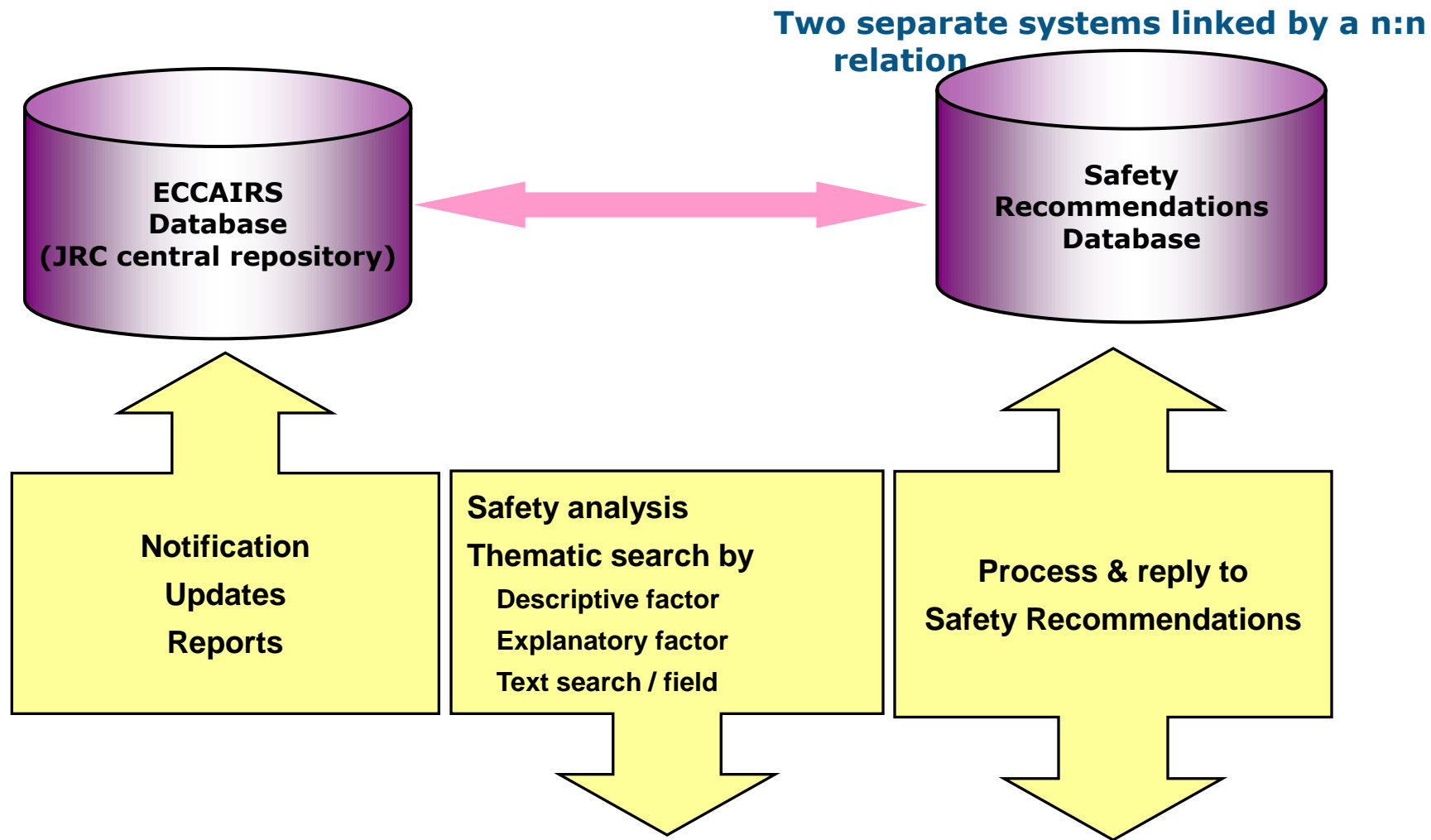


# Safety Recommendations

- The addressee of a safety recommendation shall acknowledge receipt of the transmittal letter and inform the originator within 90 days of the actions taken or under consideration
- Each entity receiving a safety recommendation, shall implement procedures to monitor the progress of the action taken in response

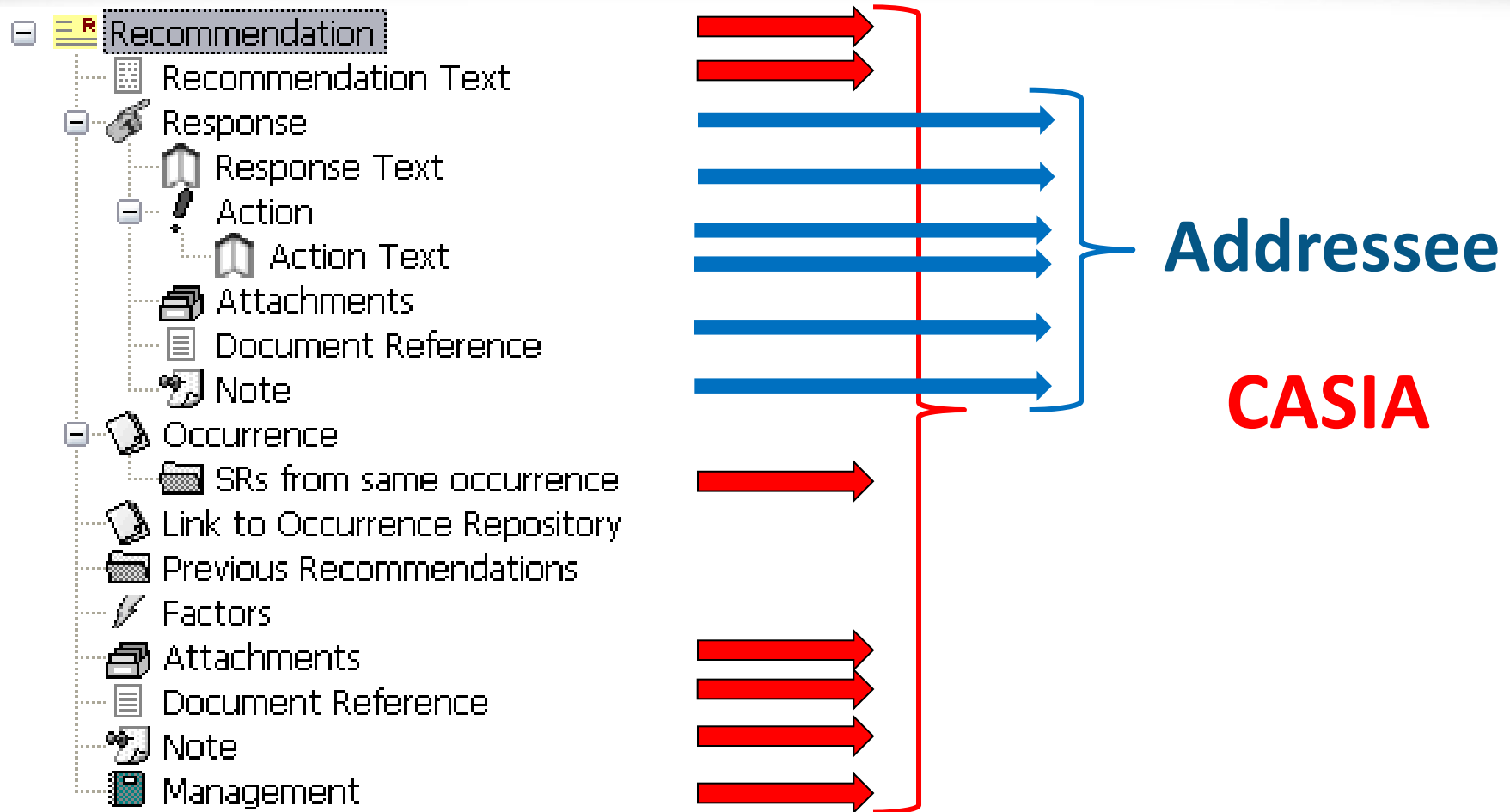


# Safety Recommendations Information System



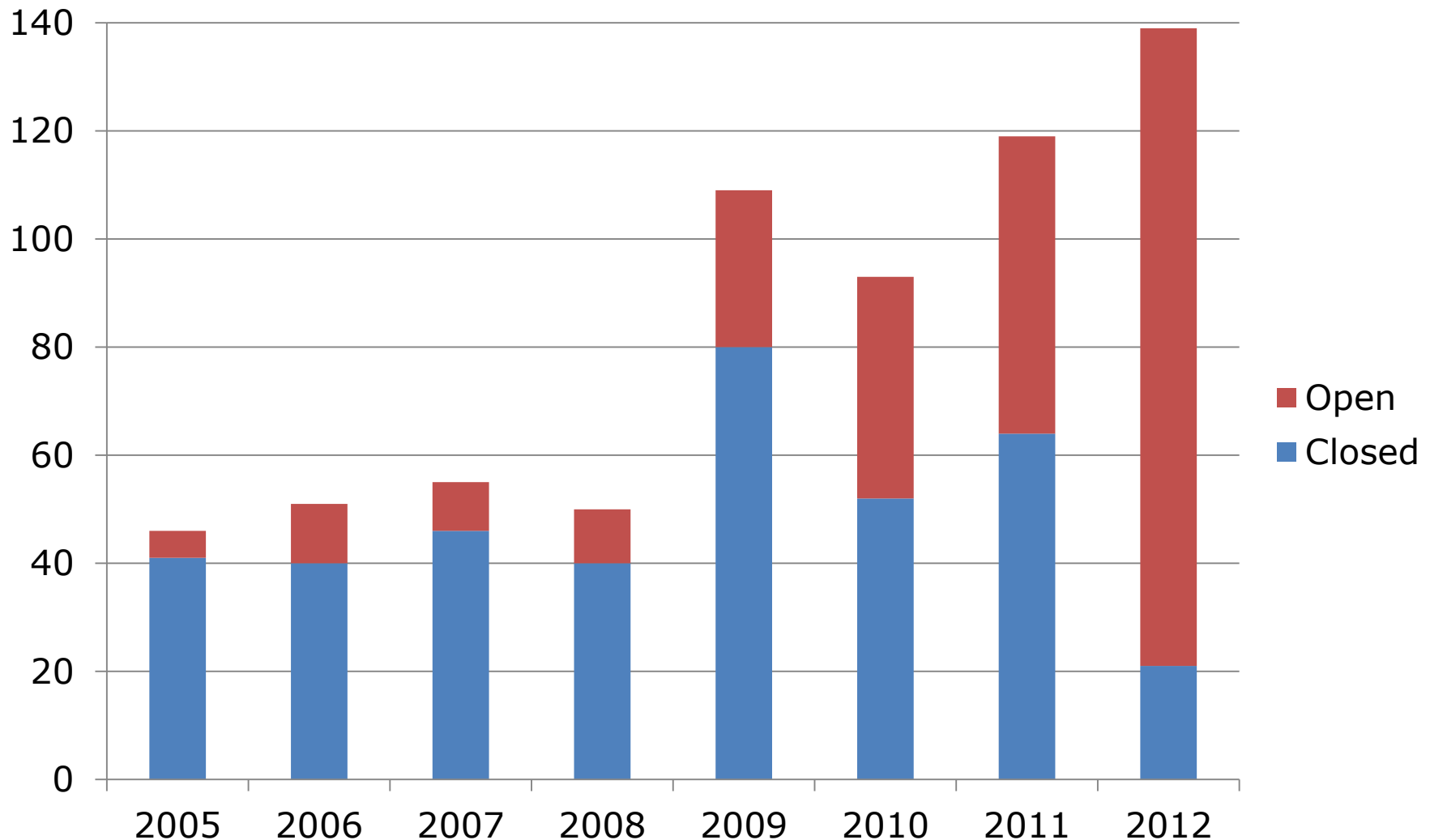


# Division of labour





# Safety Recommendations status

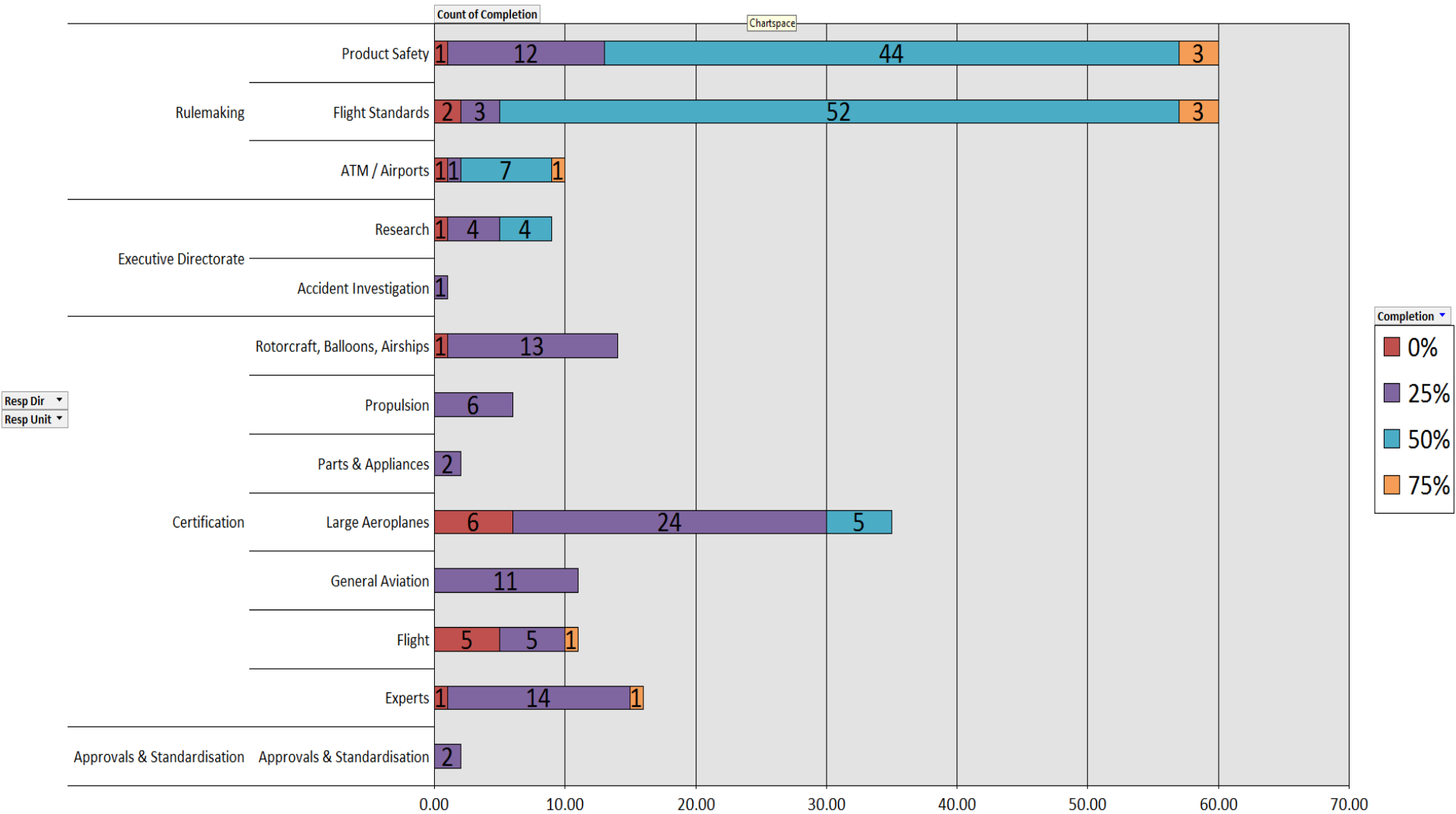




# Responsible Unit distribution

2-4\_Reco ZEASA Completion by unit

Reco Status  
(Multiple Items)



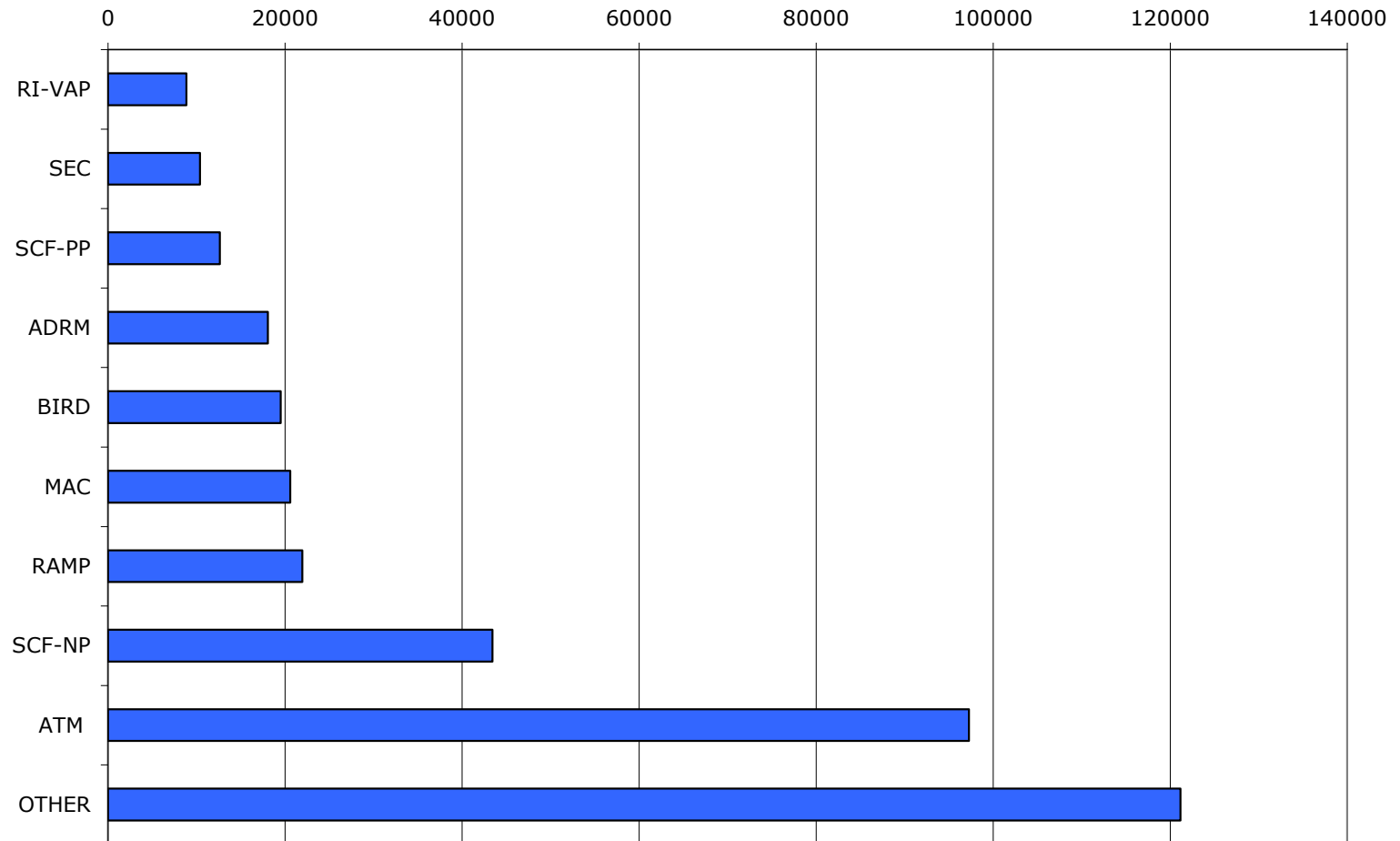


# European Central Repository

- EASA and the NAA shall participate regularly in the exchange and analysis of information covered by Directive 2003/42/EC. This shall cover online access by designated persons to information contained in the central repository established under Regulation (EC) No 1321/2007, including to information which directly identifies the aircraft subject to an occurrence report such as, where available, its serial and registration numbers. Such access shall not cover information that identifies the operator subject to that occurrence report.
- That information shall be used only for analysis of safety trends.



## THE TOP 10 OCCURRENCE CATEGORIES IN THE ECR





# Annual Reviews ([www.easa.europa.eu](http://www.easa.europa.eu))



European Aviation Safety Agency

*Annual Safety Recommendations review 2009*  
SAR-002-2010



European Aviation Safety Agency  
Safety Analysis and Research Department  
Executive Directorate

**2009**

*Annual Safety Recommendations review*

Executive Directorate- Safety Analysis and Research  
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Page 1/82



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## **ANNUAL SAFETY REVIEW** 2009

[easa.europa.eu](http://easa.europa.eu)

# Questions?

- European Union Agency
- Technically independent
- Legal and financial autonomy

