



BEA

Bureau d'Enquêtes et d'Analyses
pour la sécurité de l'aviation civile

ECCAIRS-SRIS Safety Recommendations Information System

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member
of the
network



www.bea.aero



- Safety recommendations

 - Regulatory Bases

 - History

- Consistency of SRs database

 - Common guidance

- Relevance of SRs Data

 - ECCAIRS « occurrence » - SRIS

 - data link

- Outlook on ECCAIRS/SRIS further developments





Safety Recommendations

➤ Annex 13

Standards and Recommended Practices

➤ Addressee: must respond within 90 days

➤ Regulation (EU) N° 996/2010 of 20/10/2010

Obligations:

- ✓ Safety Investigations Authorities (SIAs): use of a **Safety Recommendations Database** (European central repository) **SRIS**
- ✓ Procedures and followup actions Setup by Member States (MS) SIAs
- ✓ For the Addressee: response within **90 days**
- ✓ For the Originator give an assessment within **60 days**

■ May 2006

- ➔ ECAC workshop defining the **Key points** of a Safety recommendation (SR) addressing principles to be used, editorial referencing (e.g. FRAN-20XX-00X, etc..)
 - Outcome used by the ICAO-AIG 2008 Divisional meeting and the evolution of Annex 13

■ January 2011

- ➔ Set up of ENCASIA by the SIAs of the Safety Recommendations in the SRIS database (taking effect from the recos issued in 2010)

■ January 2013

- ➔ Set up of ENCASIA Working Groups (WGs) and definition of ToRs (WG6: dedicated to safety recommendations). 2 meetings / year at the European Commission. Evolution of SRIS (guidance, best practices, taxonomy, "standardization" practices, etc.)

■ June 2013

- ➔ Kick off of ENCASIA WGs: Definition and validation of the ToRs and working axes related to the SRs and the database (architecture, taxonomy, anonymisation, etc.)
- ➔ Definition of ToRs (WG6: dedicated to safety recommendations). 2 meetings / year at the European Commission. Evolution of SRIS (guidance, best practices, taxonomy, "standardization" practices, etc.)

■ June 2015

- ➔ Set Taken into account by the JRC (ISPRA) of the work carried out by the WG6 and implementation of an improved ECCAIRS / SRIS version V.6 (simplified taxonomy, architecture adapted to SRIS needs) meeting the expectations of SIAs

■ January 2016

- ➔ Set Implementation of the public database of Safety Recommendations on the ENCASIA website

https://ec.europa.eu/transport/modes/air/encasia/activities_en

■ September 2017

- ➔ Opinion of ENCASIA to the Commission recommending the publication of the replies sent by the addressees to the recommendations addressed to them.

https://ec.europa.eu/transport/sites/transport/files/sris-ancasia-opinion_0.pdf

■ May 2019

- ➔ Publication of the responses on the SRIS page (ENCASIA Website)

➔ https://ec.europa.eu/transport/modes/air/encasia_en



Consistency of SRs Database

Common guidances

■ Consistent SRs database at European Union level

↳ Common guidances

- Drafting a SR
- Consultation process
- Follow up and status / responses and SIAs assessment
- Closing action
- Quality process (data cross-check)
- SRGC/SRUR

■ February 2019

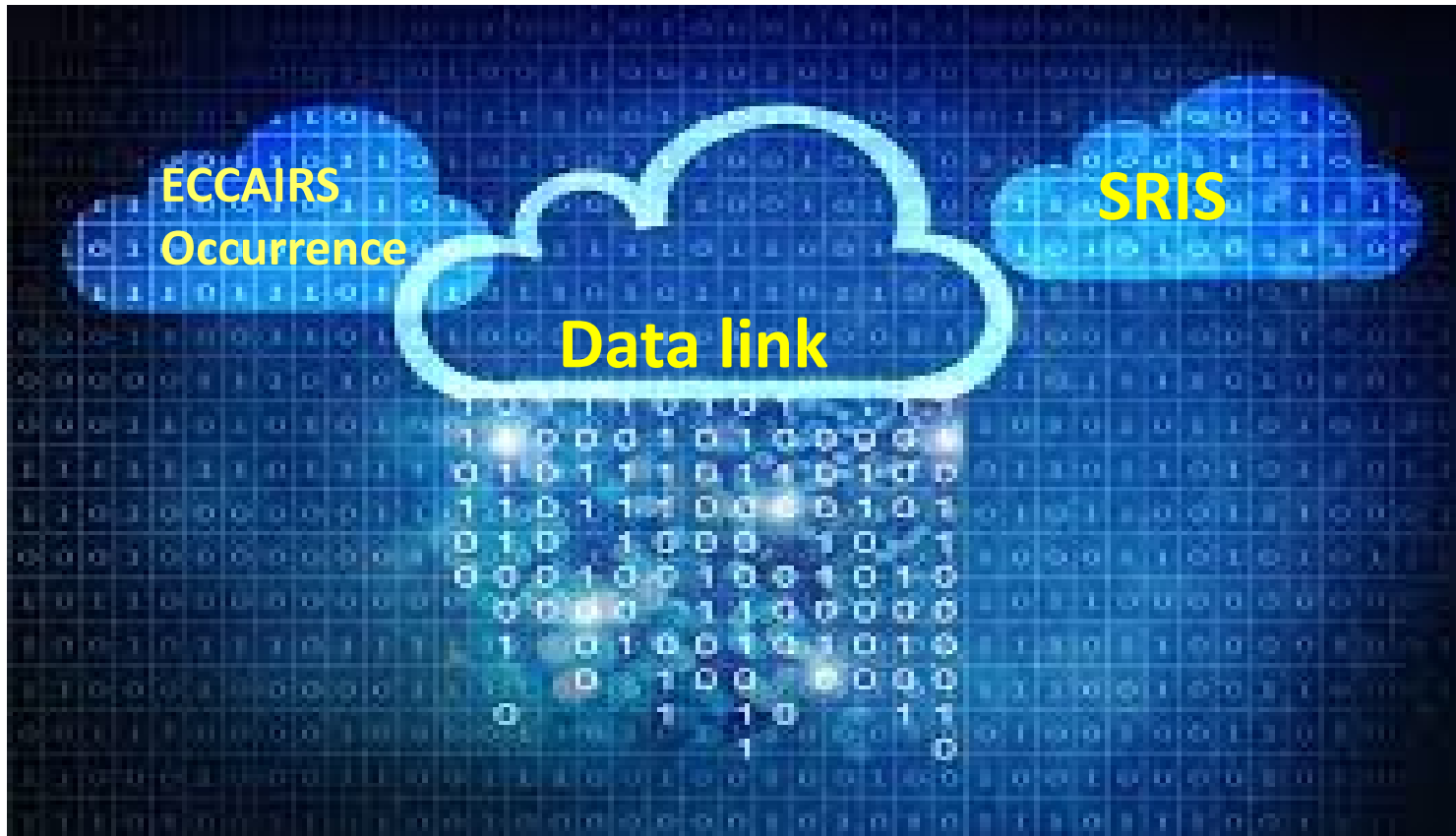
↳ ENCASIA SRs Policy





Relevance of SRs Data

Relevance of SRs Data



Integration of occurrence data 1/3

ECCAIRS
occurrence
information
Into SRIS

European Commission

ECCAIRS - European Coordination Centre for Accident and Incident Reporting Systems

European Commission > EU Science Hub > Eccairs > SRIS

File Views Add-Ins

France (BEA)

Addressee: ###

Response awaited

Occurrence

ECCAIRS ECCAIRS Data Link

Who

Responsible entity

File number

When

UTC date

Local date

Where

State/area

Location

Classification

Occurrence class

Occurrence category

Aircraft

Aircraft identification... Add Remove

Registration

Manufacturer/model

Category

Operator

Operation type

Mass group

ECCAIRS occurrence information
Into SRIS



JOINT RESEARCH CENTRE
ECCAIRS - European Coordination Centre

European Commission > EU Science Hub > Eccairs > SRIS

File Views Add-Ins

France - BEA - FRAN-2018-008

- Recommendation text - 03/08/2018 - French
- ▼ Addressee: EASA
 - Due : 01/01/2019 - Adequate
 - Attachments (response)
 - ▼ Accident - BEA F-cg141005
 - F-HCCG - OTHER (Schroeder Fire Balloons G
 - Attachments (recommendation)
 - Avis BEA COREC 23/11/2018
 - Avis BEA COREC 19/12/2018
 - Management (last modif. 28/03/2019 15:46:10)

General information

Headline	Balloons
SR status	Closed
Date issued	03/08/2018
Source type	Occurrence
Source reference	
Publication format	Final report
SR topics	Overflight

Addressee and informed party

Addressee name	Internal EASA
90 days due date	31/10/2018

Occurrence file number



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Some « In vivo » examples

- <https://eccairs-dds.jrc.ec.europa.eu/sris/default.asp>



Outlook on ECCAIRS/SRIS further developments

ECCAIRS 2.0 and Key users

■ Wait for ECCAIRS 2.0 model

- ➔ Development of the SRIS architecture
- ➔ Key Users Group

■ 2 levels of data queries

- ➔ Search engine

<http://eccairs-eval.softeco.it/E5SRISTextSearch/Public/default.aspx>

(Assessment stage by WG6 since January 2017)

- ➔ Detailed queries in SRIS and data manager (Safety Studies, etc...)

■ Direct Stakeholders

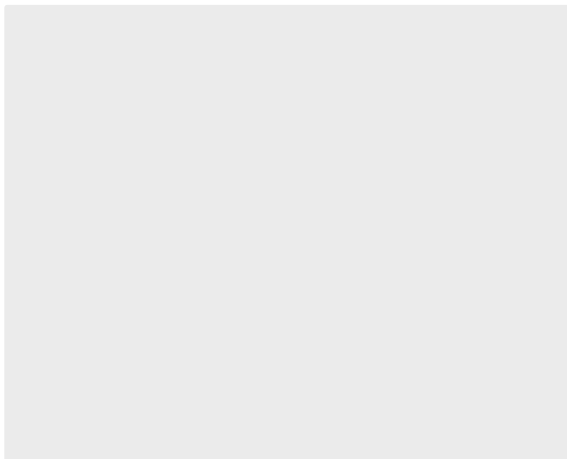
- ➔ SIAs, EASA, NAAs,
- ➔ Manufacturers ?





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Thanks for your attention