

Status of Coordination

Occurrence reporting and investigations

**Reinhard G. Menzel
Safety Analysis Manager**





Background

➤ Regulation 1321

- ★ **Central repository of the EC (at the JRC)**
- ★ **Basic factual data on accident and serious incidents (initial)**
- ★ **All information once investigation complete**
- ★ **If available: English summary**
- ★ **States to agree on technical protocols for update of the central repository**



Present status

(based on ECCAIRS newsletter 41)

- **6 States have followed course to set up data link**
- **3 States have started testing process**
- **1 State is integrating data**

- **That leaves 21 States for which no information is at hand**
- **Deadline is June 2008.**



European Aviation Safety Agency

EASA experience

Light aircraft accident data for Annual safety Review

➤ Background

★ **The Agency is required to produce an Annual Safety Review**

4. In order to inform the public of the general safety level, a safety review shall be published annually by the Agency.

★ **The Agency needs data to fulfil this requirement**

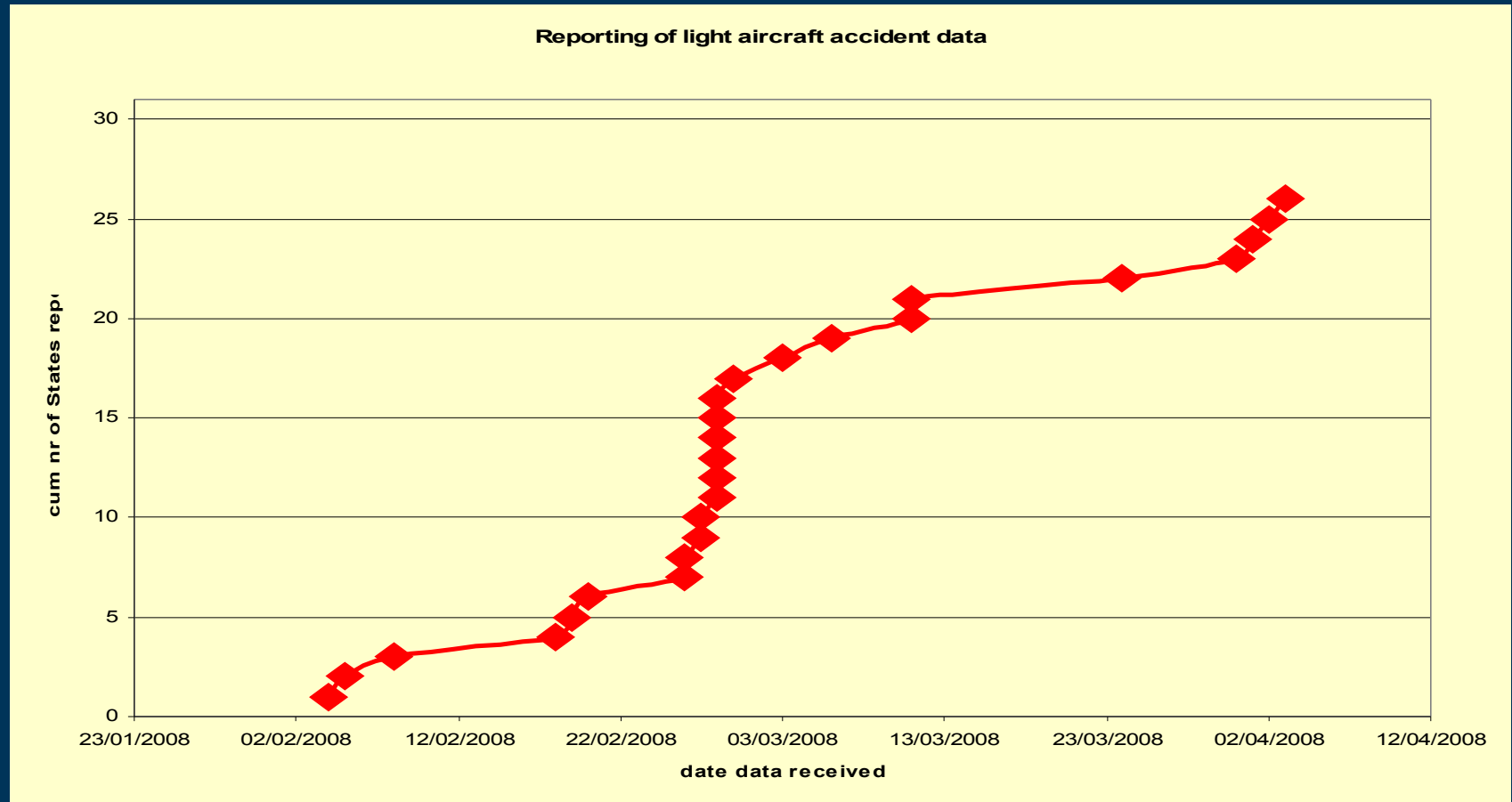


Requests made in 2008

- **Letter mailed January 24.**
- **Date of delivery 29 February**
- **Data requested:**
 - ★ **ECCAIRS format**
 - ★ **Light aircraft (all types)**
 - Including para-gliders etc if available
 - ★ **Irrespective of lower limit**
 - EASA to sort out once data at hand
 - ★ **For the years 2006 and 2007**
 - 2006 – investigation should be complete, full data set expected for analysis of causes etc
 - 2007 – initial data only, for statistical analysis on types of aircraft involved, casualties etc



27 replies by 14 April





Data quality

- **Much variation among States**
 - ★ **Some with good information**
 - ★ **Some with practical no information at all**
 - ★ **Some in non ECCAIRS formats**
 - Requiring special handling in time and effort
 - Problems with compatibility of classifications
 - ★ **About 50% of the data required attention before an analysis could be made**



Major difficulties noted

➤ Missing data

- ★ **Registrations**

- ★ **State of registry**

- ★ **Aircraft characteristics**

 - Aircraft category

 - Type of propulsion

- ★ **English summaries**

- ★ **Accident categories**

- ★ **Event types / phases of flight**

- ★ **Factors**



Major difficulties

- **Incorrect application of the taxonomies**
 - ★ **Accident categories**
 - ★ **Event types**
 - ★ **Accident / serious incident definition**
- **Misclassification of injuries**
- **Etc., etc**



Summary

- **Legal means to develop a European data base are at hand**
- **Implementation remains a major problem**
- **Data quality issues have not been resolved**
- **Present data are of limited usefulness only**



EASA approach

- **Enhance tools to permit data quality check at the source**
- **Conduct workshop to promote understanding of taxonomies**
- **(time permitting) address concerns directly to individual data providers**