



EASA

European Aviation Safety Agency

Safety Analysis within the scope of Regulation (EU) 376/2014

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Answering Important Questions





So What

- Billions of people use the internet - but from the chaos of the internet I found
 - 5,103 photos
 - Taken by 527 different photographers
 - For 17 different countries
- In aviation it is occurrence reporting that enables people to share their bad experiences
- Safety analysis is then about how we use this information for decision making
- How do we share analysis results with industry



Analysis – Creating Safety Intelligence



Reports give us Information

Analysis turns this into Intelligence



Analysis to Support Decision Making

- R376/2014 introduces the need for analysis at
 - Organisations to support SMS
 - State Level to support State Safety Plans
 - European Level to support the EASp
- Purposes
 - Monitor safety performance
 - Identify key safety issues
 - Take the appropriate actions
 - Monitor the effectiveness of those actions
 - Enable a more data driven approach to safety



Challenges

- Small organisations often don't have enough occurrences to make decisions
- At the same time there are approx 160,000 occurrences a year reported to the ECR
 - How do we improve data quality
 - How do we share and protect information at a European Level for the benefit of everyone
- The need to move from “What” to “Why” so that we can understand risks and make improvements
- How to maximise the feedback of analysis

Slide 6

MND(3

No, see the point above on this issue

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Local Data – Shared Intelligence

- Helping states and organisations
 - Improve data quality
 - Understand how they can effectively their own data
 - Providing effective analysis outputs at a European and State Level to support risk identification
- Working as a community
 - Formal role for EASA and States to analyse the ECR to support the EASp – also supporting SSPs
 - Coordinated work between the Network of Aviation Safety Analysts and operational communities through the ESSI Groups (ECAST/ EHEST/ EGAST)

Slide 7

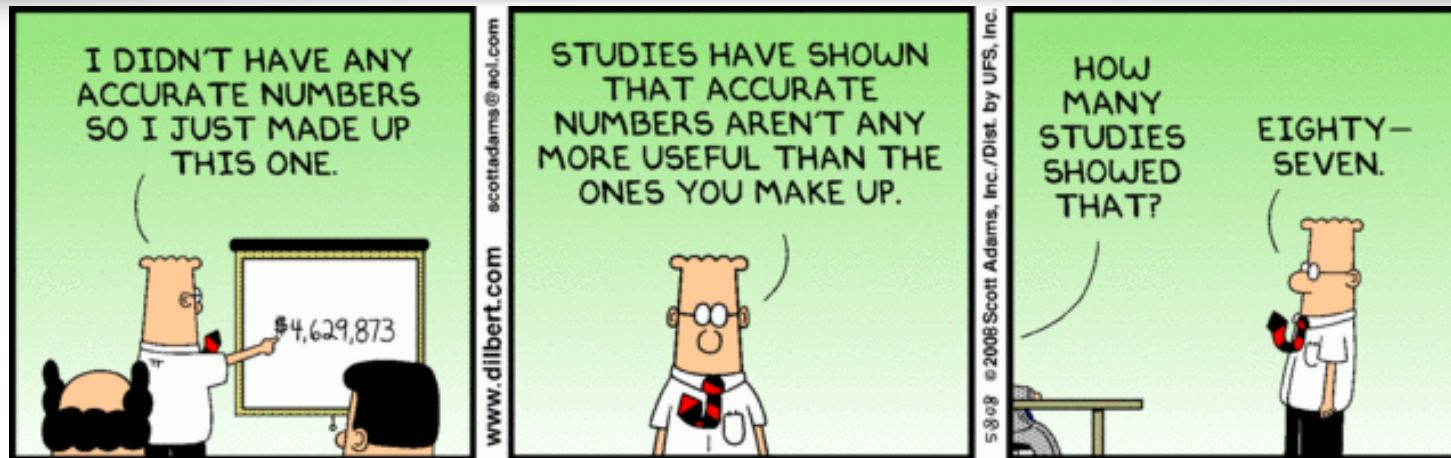
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Conclusion



- Analysis is not about making graphs to keep the management happy
- It must have a purpose – to monitor safety performance and identify risks
- The goal is to develop a coordinated approach
- Empowering and involving the community

Slide 8

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EUROPEAN AVIATION SAFETY AGENCY
AGENCE EUROPÉENNE DE LA SÉCURITÉ AÉRIENNE
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Questions?

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Title presentation

- First level
 - Second level
 - Third level
 - Fourth level
 - ▶ Fifth level





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End slide

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