#### **European Aviation Safety Agency**



# **EASA**

COLOGNE

**GERMANY** 





- Mission:
  - **★ Set** & Maintain the highest common safety & Environmental standards
- Centrepiece of European aviation safety system
- Started in 2003, based on EU law



- Why a European Agency?
  - **★** Legally binding rules
  - ★ Higher common safety standards
  - **★** Type-certificates valid across EU
  - **★ Cooperation with Foreign Airworthiness**Authorities

#### **European Aviation Safety Agency**



### **EASA**

#### Main tasks

- **★** Rulemaking
- **★ Standardisation & inspections**
- **★** Type-certification & Approvals
- **★ Safety Analysis**
- \* Research





➤ A European "system"

### The Agency

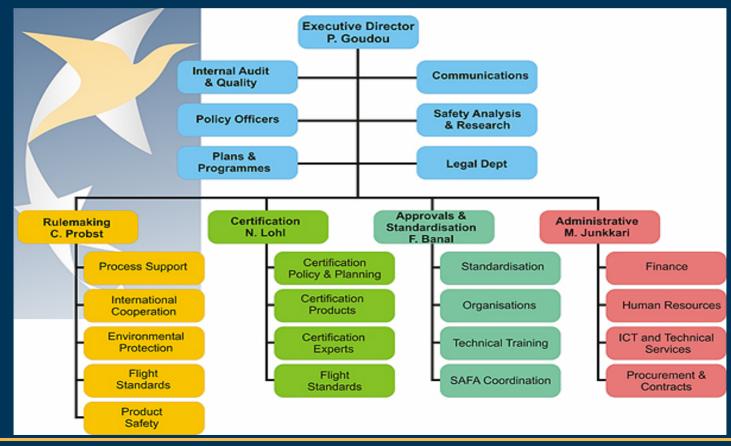
Regulations at <u>European</u> level Product certification & DOA approval Standardisation

#### National authorities

Implementation of EU rules at <u>national</u> level Individual airworthiness certificates
Approvals of national organisations + personnel



### Management organization



#### **European Aviation Safety Agency**



# **EASA**

Growth of staff

**★** Today: 330

**★ 2010 forecast: 500+** 



### **Background**

- Basic Regulation 1592/2002, Article 17:
  - 1. The Agency may develop and finance research to improve its activities in the its field of competence,
  - 2. The Agency shall coordinate its research and development activities so as to ensure that policies and actions are mutually consistent,
  - 3. The results of research shall be published.



#### **History**

- > JAA Research Committee
  - **★** Coordinate NAA's research projects
  - ★ Identify and prioritise research needs of common interest (Joint Sponsored Research JRS)
  - **★** Increase level of international co-operation
    - identification of research
    - conduct of research
- FAA/JAA/TCCA Research Coordinating Committee
  - ★ Collaborate on Research in support of Aviation Safety Regulations
  - Assisted and advised by Research Technical Groups (RTG)



#### History cont'd

#### **Co-ordinating Committee**

- provides general direction/guidance
- establishes broad priorities
- recommends resource allocations
- communicates with own senior management
- determines when work is finished

#### Research Technical Groups

- exchange regulatory & research information
- identify safety & economic priorities
- begin informal cooperation
- identify collaborative programs



### History cont'd

- Research Technical Groups
  - **★ Fire and Cabin Safety**
  - \* Icing
  - **★ Human Factors**

#### and added later;

- **★ Passenger Health / Cabin Air Quality**
- **★ New advanced Materials**



#### Situation today

- May 2007, JAAC and EASA ED decided:
  - \* JAARC to continue as partnership group.
  - **★** report to Head of Safety Analysis and Research.
- 1 October 2007:
  - \* EASA Research Manager took his post.
  - ★ Serves as the Agency's focal point for research matters.
- Three calls for tender published (500 k€)
- ➤ Estimated 2008 budget about 1 M€
- Coordination with FAA, TCCA and possibly others, will be revitalised.



#### Point of contact:

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