



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



➤ Main tasks

- ✧ Rulemaking
- ✧ Standardisation & inspections
- ✧ Type-certification & Approvals
- ✧ Safety Analysis
- ✧ Research



European Aviation Safety Agency

EASA



➤ A European “system”

The Agency

Regulations at European level
Product certification & DOA approval
Standardisation

National authorities

Implementation of EU rules at national level
Individual airworthiness certificates
Approvals of national organisations + personnel



➤ Management organization





European Aviation Safety Agency

EASA

➤ Growth of staff

★ Today: 330

★ 2010 forecast: 500+



EASA Research & Coordination

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.**



EASA Research & Coordination

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)**



EASA Research & Coordination

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 co-operation
- identify collaborative programs



EASA Research & Coordination

History cont'd

➤ Research Technical Groups

- ★ Fire and Cabin Safety
- ★ Icing
- ★ Human Factors

and added later;

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



EASA Research & Coordination

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.



EASA Research & Coordination

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